



KELLY AFB  
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ADMINISTRATIVE RECORD  
COVER SHEET

AR File Number 3226

# Kelly Restoration Advisory Board (RAB) Technical Review Subcommittee (TRS)

## Meeting Agenda\*

November 8, 2005, 6:30 p.m.

Environmental Health & Wellness Center  
911 Castroville Road  
(formerly Las Palmas Clinic)

- |             |   |  |
|-------------|---|--|
| 6:30 - 6:40 | <b>Introduction</b><br>A. Agenda Review<br>B. Packet Review   | Dr. David Smith  |
| 6:40 - 7:00 | <b>Administrative</b><br>A. BRAC Cleanup Team (BCT) Update<br>B. Documents to TRS/RAB<br>C. Action Items Reports  | Ms. Norma Landez<br><i>Please refer to your packets</i><br><i>Please refer to your packets</i> |
| 7:00 - 7:40 | <b>Spill Summary Report</b><br>East Kelly GWTP, Zone 4  | Mr. Bill Hall  |
| 7:40 - 8:00 | <b>Class 3 Modification Update -</b><br>Compliance Plan 50310, Zones 4 & 5  | Ms. Norma Landez   |
| 8:00 - 8:15 | <b>TAPP Update</b>  | Ms. Sonja Coderre  |
| 8:15        | <b>Meeting Wrap-up</b><br><br><b>Next TRS Meeting</b><br>Dec. 13, 6:30p.m., Environmental Health & Wellness Center, 911 Castroville Rd.*<br><b>Next RAB Meeting</b><br>Jan. 10, 6:30p.m., Kennedy High School cafeteria, 1922 South General McMullen* |  |
| 8:15        | <b>Adjournment</b>  |  |

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

**November 8, 2005**  
**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:**

Mr. Robert Silvas, Community Cochair  
Ms. Nancy Garcia (Alternate for Mr. Ruben Martinez)  
Mr. Rodrigo Garcia  
Ms. Coriene Hannapel  
Ms. Henrietta LaGrange  
Mr. Nazirite Perez  
Mr. Armando Quintanilla  
Mr. Michael Sheneman

**RAB Government Member Attendees:**

Ms. Kyle Cunningham, San Antonio Metropolitan Health District (SAMHD) (Alternate for Ms. Melanie Ritsema)  
Mr. Gary Miller, Environmental Protection Agency (EPA) Region VI  
Mr. Mark Weegar, Texas Commission on Environmental Quality (TCEQ)

**Other Attendees:**

Dr. David Smith, Facilitator  
Ms. Sonja Coderre, Air Force Real Property Agency (AFRPA)  
Mr. Todd Colburn, AFRPA Contractor  
Mr. Chris Cunanan, student  
Ms. Norma de los Santos, student  
Mr. Alan Ferell, SAMHD  
Ms. Bianca Guerrero, student  
Mr. Bill Hall, AFRPA  
Ms. Norma Landez, AFRPA  
Mr. Greg Lyssy, EPA Region VI (Alternate for Mr. Gary Miller)  
Mr. Eduardo Martinez, AFRPA Contractor  
Ms. Abigail Power, TCEQ (Alternate for Mr. Mark Weegar)  
Ms. Heather Ramon-Ayala, AFRPA Contractor  
Ms. Carol Yzaguirre, student

The meeting began at 6:36 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 and the RAB meeting packets. Contents of the meeting packets are attached to these minutes.

Ms. Hannapel gave a public comment regarding AFRPA mailings to the community, and provided AFRPA with a list of the following action items:

- Could you provide a copy of the recent mailing to RAB members?
- Were these 12,000 people informed of the recent leak of contaminated water that went into Six Mile Creek? If not, why not?
- Regarding the Zone 5 GWTP Fact Sheet which is on the AFRPA website:
  - Please provide documentation for the statement that chlorinated solvents break down into “carbon dioxide, water, and the mineral chloride.”
  - Please provide documentation that lactate, a substance used in enhanced bioremediation, is a “substance like vegetable oil.”
  - Please provide evidence for the statement that “Kelly is not the source of the PCE plume.”
- Regarding the Zone 4 Fact Sheet which is on the AFRPA website:
  - Please explain what is meant by “impermeable clay and rock” that separates the groundwater from the Edwards Aquifer. How can rock and clay be impermeable to water and substances that are dissolved in it?
  - Please comment on the Air Force documents mentioned by George Rice at the last RAB meeting indicating that contaminated groundwater has, in fact, already leaked into the Edwards Aquifer.
- In your mailings to the community, has the AF ever acknowledged the role of Mr. Armando Quintanilla in proving that the contamination had gone beyond the AF base and into the community? If not, why not?
- It appears from the fact sheets and community bulletins on your website that there are no dangers to the affected community. This may be why no one from the community is attending the RAB meetings. In your mailings to the affected population, have you included documents similar to the ATSDR and EPA statements on PCE and TCE and their role as probable carcinogens? If not, why not?
- Have there been mailings to the community that breakdown products such as vinyl chloride are now in the groundwater at sites such as E-3? If not, why not?

Mr. Silvas asked if other RAB members would like to make a comment.

Mr. Rodrigo Garcia gave public comment regarding poor government work and requesting resignations from everyone at AFRPA.

## **II. Administrative**

A. Ms. Landez provided a BCT Update. Ms. Landez informed everyone no BCT meeting took place the day of this meeting, but that minutes from the 18 Oct 2005 BCT meeting were included in RAB packets.

B. Ms. Landez discussed recent documents to TRS/RAB. Documents which will be placed in the Co-Chair Library at the Environmental Health & Wellness Center following the meeting are as follows: 1) TCEQ Letter to AFRPA on Closure of Two AST at Bldg 53, Four VAST at Bldgs 375, 1417, 1544 & 1679. 2) TCEQ Letter to AFRPA on Site Inspections of AST Located at various buildings.

C. Action Item Reports from the 13 September 2005 TRS and 18 October 2005 RAB, and their attachments, were provided in RAB packets.

## **III. Spill Summary Report, East Kelly GWTP, Zone 4 – Bill Hall**

Mr. Bill Hall provided a presentation regarding the spill at the East Kelly Groundwater Treatment Plant, Zone 4, that occurred 5 October 2005. Copies of the presentation were included in RAB packets.

Mr. Quintanilla requested a maintenance checklist used at Zone 4 GWTP. Ms. Hannapel also requested the same checklist.

Ms. LaGrange asked for salaries & maintenance costs allocated for the GWTP budget.

Mr. Quintanilla requested that TAPP funds be allocated to train RAB members to communicate with the Air Force and to train the Parliamentarian. Mr. Quintanilla asked that these TAPP funding requests be made an agenda item for the January 2006 RAB meeting.

## **IV. Class 3 Modification Update – Ms. Norma Landez**

Ms. Norma Landez provided a presentation on the Class 3 Modification to Compliance Plan 50310. Ms. Landez stated that a mailer would be sent to RAB members informing them of the public meeting date for the Class 3 Modification.

Ms. La Grange requested that someone conduct a quality review of the packets prior to the meeting.

Mr. Quintanilla requested that EPA give a presentation at the January 2006 RAB meeting explaining why Kelly is not a Superfund site.

## **V. TAPP Update – Ms. Sonja Coderre**

Ms. Coderre gave an update to the RAB regarding the award issued to Clearwater Revival to review the 2005 Semiannual Compliance Plan. Ms. Coderre mentioned that Mr. Silvas was

speaking to Ms. Wilma Subra to provide a free presentation to the RAB at the 10 January 2006 RAB meeting.

Mr. Weegar suggested that if Ms. Subra was going to provide a free review of the 2005 Semiannual Compliance Plan, that the RAB should have Clearwater review another document. Mr. Silvas stated the RAB would receive both presentations to obtain a better summary.

Mr. Quintanilla asked to be provided a copy of the section on TAPP that one member can not receive training using TAPP funds.

## **VI. Meeting Wrap-Up**

The next TRS will take place at 6:30pm, 13 December 2005 at the Environmental Health & Wellness Center, 911 Castroville Road.

The next RAB will take place at 6:30pm, 10 January 2006 in the cafeteria of Kennedy High School, 1922 South General McMullen.

## **VII. Meeting Adjournment**

Ms. Hannapel moved for adjournment. Mr. Quintanilla seconded the motion.

The meeting adjourned at 8:52 p.m..

### **Attachments:**

- Meeting agenda, 8 November 2005 TRS
- Draft 18 October 2005 Meeting Minutes
- Final 18 October 2005 BCT Minutes
- Documents to the TRS/RAB
- (2) TCEQ Letters to Mr. Antwine, Re: Class 2 Compliance Plan Modification
- September Action Item Report
- October Action Item Report
- Presentation I – 5 October 2005 East Kelly GWTP Spill
- Presentation II – Class 3 Modification to Compliance Plan 50310
- Media clipping, Re: Leon Creek Guar Spill

**Robert Silvas**  
Community Cochair

Date

**Adam Antwine**  
Installation Cochair

Date

October 18, 2005  
Kelly Restoration Advisory Board (RAB) Meeting  
Kennedy High School, Cafeteria  
1922 S. General McMullen  
San Antonio, Texas 78226

**Draft Meeting Minutes**

**RAB Community Member Attendees:**

Mr. Robert Silvas, Community Co-Chair  
Ms. Esmeralda Galvan  
Ms. Coriene Hannapel  
Ms. Henrietta LaGrange  
Mr. Nazarite Perez  
Mr. Armando Quintanilla  
Mr. George Rice  
Mr. Michael Sheneman  
Ms. Carol Vaquera

**RAB Government Member Attendees:**

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

**Other Attendees:**

Dr. David Smith, Facilitator  
Ms. Sonja Coderre, Air Force Real Property Agency (AFRPA)  
Mr. Todd Colburn, AFRPA Contractor  
Ms. Larisa Dawkins, AFRPA  
Mr. Ben Galvan, Community Member  
Mr. Troy Gonzalez, AFRPA Contractor  
Ms. Laura Guerrero-Redman, AFRPA Contractor  
Ms. Tanya Huerta, Community Member  
Ms. Linda Kaufman, Public Center for Environmental Health (PCEH)  
Ms. Norma Landez, AFRPA  
Mr. Sam Murrah, Community Member  
Ms. Abbi Powers, TCEQ  
Ms. Heather Ramon-Ayala, AFRPA Contractor  
Mr. William Ryan, AFRPA  
Mr. Eduardo Salinas, AFRPA Contractor

The meeting began at 6:36 p.m.

## **I. Introduction – Dr. David Smith**

Dr. Smith began the meeting by welcoming RAB members and other attendees. The meeting started with the Pledge of Allegiance, followed by a moment of silence. Dr. Smith then reviewed the agenda items for the evening and the RAB meeting packets which included:

- Signed Minutes, December 2004 – September 2005
- ALS Executive Summary and Bilingual Fact Sheet
- “TCEQ Letter (13 Sep 05) - Leon Creek Fish Kill”
- June, July, August BCT Minutes
- Presentation – Overview of RAB
- Presentation – Election Process
- Candidate Forms
- Recent Responses to Requests for Information (RFIs) and Freedom of Information Act (FOIA) Requests
- Recent TCEQ Correspondence Filed at the Information Repository
- News Clips
- Presentation - Class 3 Modification to Compliance Plan 50310

Dr. Smith informed RAB members who were interested in participating in the appointment process needed to notify the RAB Community Co-Chair.

## **II. Community Comment Period – Dr. David Smith**

No community comments were made.

## **III. AFRPA Update**

A. Mr. Antwine provided an AFRPA Update. Mr. Antwine discussed the ALS study conducted by the Air Force Institute for Operational Health (AFIOH), and copies provided by AFIOH were distributed to RAB members. Mr. Antwine also stated a major milestone had been reached with the completion of the final off-base permeable reactive barrier and followed that discussion with a fiscal year 2005/2006 update.

B. Ms. Landez provided a Class 3 Modification briefing.

Ms. Landez reviewed slides for the Class 3 Modification briefing which were included in RAB packets.

Mr. Quintanilla asked to be provided with the costs involved in the Class 3 Modification to the Compliance Plan for Zones 4 and 5.

Mr. Silvas asked for the public comment deadline for the Class 3 Modification public meeting.

C. Ms. Landez provided a BCT Update.



Ms. Landez informed the RAB the BCT meeting had just occurred several hours prior to the RAB meeting, 18 October 2005.

D. Ms. Landez provided the Spill Report.

Ms. Landez provided an overview regarding a spill which occurred at the Zone 4 Groundwater Treatment Plant. No other spills were reported.

#### **IV. Overview of the RAB Presentation – Ms. Sonja Coderre**

Ms. Coderre provided a RAB member presentation. The slides for this presentation were included in the RAB meeting packets. Items covered in this presentation included RAB mission and purpose, RAB composition and RAB member roles.

#### **V. Explanation of the Voting Process – Ms. Laura Guerrero-Redman**

Ms. Guerrero-Redman provided an explanation of the RAB voting process. The slides for this presentation were included in the RAB meeting packets. Items covered in this presentation included RAB composition, terms of office, candidate introductions and open positions on the Kelly RAB.

A break occurred at 8:20 p.m. The meeting reconvened at 8:30 p.m.

#### **VI. Local Candidate Elections – Ms. Laura Guerrero-Redman and David Smith**

Mr. Perez gave a presentation seeking re-appointment for two additional consecutive years.

Mr. Sheneman gave a presentation seeking re-appointment for two additional consecutive years.

Local Community Candidates:

Mr. Perez was reappointed with nine votes.

Mr. Sheneman was reappointed with eight votes.

#### **VII. All Other Candidate Elections – Ms. Laura Guerrero-Redman and Dr. David Smith**

Ms. Galvan gave a presentation seeking re-appointment for two additional consecutive years.

Other Community Candidates:

Ms. Galvan was reappointed with nine votes.

Dr. Smith reminded the reappointed RAB members their new terms would begin 1 January 2006. He also informed the RAB there were now six open seats on the RAB.

### VIII. Voting Results/Announcements of 2006 Community RAB Members – Ms. Laura Guerrero-Redman

Reappointed RAB members were announced. Mr. Sheneman, Mr. Perez, and Ms. Galvan were reappointed. No new members were appointed to the Kelly RAB.

### IX. Meeting Wrap-Up

Mr. Antwine provided notice to the RAB about a new provision approved by TCEQ regarding early transfer of property.

Mr. Antwine and fellow RAB members also thanked Mr. George Rice and Ms. Carol Vaquera for their service on the Kelly RAB.

Mr. Silvas addressed several action items for the AFRPA to address.

- Bring in Brooks to brief the RAB on the ALS Report.
- Include the approval of signed minutes, December 2004 – September 2005, as an agenda item for the November Executive Committee meeting.
- Have Mr. Bill Hall brief the RAB on the Zone 4 Groundwater Treatment Plant spill, which occurred 5 October 2005.
- Address the issue of having Ms. Wilma Subra provide a presentation at no cost to the RAB.

Mr. Quintanilla requested a briefing on the Air Force Community Involvement Plan be added to the agenda for the January 2006 RAB.

### X. Meeting Adjournment

Mr. Antwine moved for adjournment. Mr. Sheneman seconded the motion. The motion was voted on by the RAB, nine for and none opposed.

The meeting adjourned at 9:15 p.m..

\_\_\_\_\_  
**Robert Silvas**  
 Community Co-Chair

\_\_\_\_\_  
 Date

\_\_\_\_\_  
**Adam Antwine**  
 Installation Co-Chair

\_\_\_\_\_  
 Date

**Final**  
**Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)**  
**18 October 2005 Meeting Minutes**

The meeting was conducted beginning at 1 p.m. on 18 October 2005 at the Air Force Real Property Agency Division C - Kelly (AFRPA/DC-K) office in San Antonio, Texas, Conference Room No. 1. BCT members and support personnel attendance status is shown below.

Name	Organization	Present	Absent
<b>BCT Members</b>			
Norma Landez	AFRPA/DC-K	X	
Gary Miller	Environmental Protection Agency (EPA) / Region 6		X
Mark Weegar	Texas Commission on Environmental Quality (TCEQ)	X	
<b>Support Staff and Other Attendees</b>			
Don Buelter	AFRPA/DC-K	X	
Greg Lyssy	EPA/Region 6	X	
Amy Whitley	AFRPA/DC-K (TEAM Integrated Engineering, Inc. [TEAM])	X	
Abbi Power	TCEQ/Region 13	X	
Ellie Wehner	TCEQ (Austin)		X
Maurice Cooper	Lackland 37 CES/CEVR	X	
Ken Kebbelle	US Army Corps of Engineers (USACE), Tulsa District	X	
Dan Davis	USACE, Tulsa District	X	
Greg Braddy	Weston Solutions, Inc. (WESTON)	X	

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Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded?	Disposition/Action Items
1.	Landez, N.	Zone Managers	Zone Updates	Review of major project status for all IRP Zones.	Yes	<p><b>Zone 1</b>                      The Lackland AFB Remedial Action (RA) contractor (WESTON) provided an update on the results of investigations conducted at Landfills 11, 12 and 13 to further define the boundaries of these landfills. Previous boring logs and a review of aerial photos had indicated portions of the landfill areas did not contain wastes. WESTON advanced soil borings by direct push technology (DPT) at various locations within the three landfills, collecting continuous cores and visually inspecting each core. Based on the investigation, reductions in the size of Landfills 11 and 13 are indicated, with no reduction in Landfill 12. The TCEQ inquired in the instances where visual inspection of the soil boring core indicated no waste was present, did the core also appear to be re-worked soil or fill soil? WESTON indicated the soil appeared to be either reworked or fill and that most borings were advanced 6 or 8 feet below</p>

*Final*  
**Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)**  
**18 October 2005 Meeting Minutes**

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded?	Disposition/Action Items
1. (cont.)	Landez, N.	Zone Managers	Zone Updates	Review of major project status for all IRP Zones.	Yes	<p>ground surface and to the Navarro clay along Leon Creek. The TCEQ inquired as to whether WESTON had collected samples for laboratory analysis at the DPT points. WESTON indicated samples were not collected for laboratory analysis as the study was intended only as a visual confirmation of the presence or absence of landfill waste. The TCEQ suggested WESTON collect limited soil samples from DPT points where no waste was encountered to further support the proposed reduction in landfill area. WESTON stated, for information purposes, that the boundaries of the landfills as supported by the DPT cores are much like those noted in the CMS addendum previously developed by LAFB. WESTON indicated the results of the DPT study will be captured in the CMS. The target date for submittal of the Draft CMS to the AF is late November 2005.</p> <p>WESTON requested clarification on the appropriate groundwater protection standards to be used for the CMS. TCEQ stated the groundwater values in the Compliance Plan must be used. The TCEQ also asked WESTON to clarify whether they were comparing groundwater values to the current values in the Medium Specific Concentration Table for Risk Reduction Number 2. WESTON responded affirmatively.</p> <p>WESTON indicated they would be out in the field within the next two weeks to collect additional samples and the TCEQ reminded WESTON to provide notice 10 days prior to conducting field work.</p> <p>AFRPA requested an update from LAFB on the closure activities at the Building 894 Container Storage Area (CSA). The LAFB project manager indicated closure activities had not started and would provide an update at the next BCT meeting.</p> <p><u>Zone 4</u>  AFRPA/DC-K indicated the installation of the permeable reactive barrier (PRB) at the Union Pacific railyard has been completed. The EPA inquired as to whether there were any outstanding issues on the PRB. The AFRPA responded, no.</p>

*Final*  
**Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)**  
**18 October 2005 Meeting Minutes**

Item#	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded?	Disposition/Action Items
1. (cont.)	Landez, N.	Zone Managers	Zone Updates	Review of major project status for all IRP Zones.	Yes	<p>The TCEQ inquired as to when the results of the conductivity test would be available. The AFRPA responded the conductivity test would be provided in the report detailing installation of the PRB, as well as the results of the angled drilling conducted to confirm the presence of the injected iron, however AFRPA does not have a hard date as to when the report will be delivered by the contractor, Geo-Sierra.</p> <p>Sampling at the former location of Building 3774 and at Building 3060 has been conducted in response to the NOD received on the two facilities. AFRPA will be providing the results of the sampling in response to the NOD.</p> <p><u>Basewide</u>            AFRPA is currently plugging and abandoning (P&amp;A) approximately 200 wells within the boundaries of the former Kelly AFB. All wells are non-Compliance Plan wells.</p>
2.	Landez, N.	Irby, C.	Bldg 89 Sample Results (Ghost Tank)	Review of analytical results for soil samples at Bldg. 89.	Yes	<p>Two reports regarding investigations of possible UST sites at the former Kelly AFB are currently being prepared for submittal to TCEQ. Analysis of one confirmation soil sample collected at Building 89 indicates the presence of toluene at 0.008 milligrams/kilogram (mg/kg). AFRPA stated the laboratory detection limit for toluene was 0.005 mg/kg, and given the fact this was the only sample collected with a concentration of toluene above the detection limit, AFRPA would consider this detection as statistically insignificant. The TCEQ inquired whether concentrations of contaminants from samples taken from a more shallow depth, from a deeper depth or other surrounding locations were below detections limits? AFRPA indicated limited samples are available from the surrounding area and the samples collected during the Building 89 investigation were taken from an exploratory trench. AFRPA also indicated Building 89 was demolished sometime during the 1930s. TCEQ instructed AFRPA to submit the report for review and determination on whether the site has been adequately investigated.</p>
2. (cont.)	Landez, N.	Irby, C.	Bldg 89 Sample Results (Ghost Tank)	Review of analytical results for soil samples at Bldg. 89.	Yes	<p>With regard to the visual site inspection reports of former ASTs,</p>

*Final*  
**Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)**  
**18 October 2005 Meeting Minutes**

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded?	Disposition/Action Items
3.	Landez, N.	Davis, R.	EPCF RFI and Zone 2/3 CMS	Review of Air Force response to TCEQ comments on the EPCF RFI and Zone 2/3 CMS	Yes	<p>the TCEQ inquired as to how the AF intends to address the three ASTs for which the TCEQ has indicated insufficient information was provided for a no further action response and requested more detailed photos of the current condition be provided. AFRPA responded they would provide more detailed photos, as well as any as-builts, line drawings or aerial photo documentation available. AFRPA also stated information regarding any ASTs which were removed prior to the closure of Kelly AFB will be included in the Supplemental Environmental Baseline Surveys and Finding of Suitability to Transfer documents developed to support property transfer.</p> <p>Response to Comment #2 - Previous Soil COC Assessments and Response to Comment #8 - Building 324: TCEQ noted that if a site was carried forward to the CMS, the assumption is made that corrective action is required. If the AF intended to prove in the CMS a site meets closure under Risk Reduction Standard No. 2 (RRS2), the CMS must include all documentation to support closure under RRS2 including the proposed deed recordation of the site. The TCEQ indicated the AF has the option to remove the site from the CMS and request closure in a separate report that includes the supporting documentation. The AF clarified their response to the comments by explaining the AF is not requesting closure of the two sites, but providing the required documentation and data to support removal of two particular contaminants of concern (COCs) at Bldg 333 and Bldg 347 and one particular COC at Bldg 324 from requiring further corrective action that must be addressed in the Corrective Measures Implementation Work Plan (CMI WP). The AF indicated a statement will be added to the CMS stating the particular contaminants in question are no longer contaminants of concern requiring corrective action.</p>
3. (cont.)	N. Landez	Davis, R.	EPCF RFI and Zone 2/3 CMS	Review of Air Force response to TCEQ comments on the EPCF RFI and Zone 2/3 CMS	Yes	<p>Response to Comment #13: - Building 348 OWS and Calibration Fluid Spill: The TCEQ requested further clarification of the difference between jet fuel and calibration fluid. The AF explained in more detail the difference between the two compounds. The AF agreed to add a more detailed discussion pertaining to the difference between jet fuel and</p>

*Final*  
**Former Kelly Air Force Base (AFB) BRAC Cleanup Team (BCT)**  
**18 October 2005 Meeting Minutes**

Item #	Lead	Support	Discussion Topic	Comments	Discussion Topic Concluded?	Disposition/Action Items
						<p>calibration fluid to the response to comments.</p> <p>Response to Comment #17 – Selection of Recommended Alternative for Building 258: The TCEQ stated the CMS currently proposes Alternative 2 – DNAPL extraction and groundwater recovery and that if the AF later proposes to excavate soil at the site, it would require a change to the Compliance Plan. Based on the discussions conducted at the August BCT meeting, it was the understanding of the TCEQ that excavation would be a part of Alternative 2. The AF stated they would revise their response to this comment and also stated the CMS will be revised to present a combination of Alternative 2 and an excavation alternative.</p> <p>The AF stated they will revise their responses to Comment #13 and #17 and submit a formal response to comments prior to submitting the revised CMS.</p>
4.	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.	Zone Managers	Pending Document Submittals	<p>The AF inquired on the status of the review of the Eco-Risk Assessment. The TCEQ indicated final comments will be provided to the AF by 22 November 2005.</p>

Date: 11/8/2005

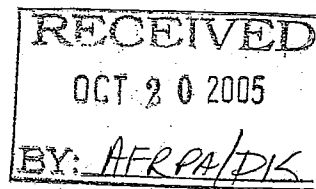
## Documents to the TRS/RAB

The following document(s) will be included in the Co-chair Library at the Environmental Health and Wellness Center. The document(s) will remain in the Co-chair library to allow fellow RAB members the opportunity for review. The documents will not be replaced if removed.

1. TCEQ Letter to AFRPA on Closure of Two AST at Bldg 53, Four VAST at Bldgs 375, 1417, 1544 & 1679
2. TCEQ Letter to AFRPA on Site Inspections of AST Located at Various Buildings



Kathleen Hartnett White, *Chairman*  
 R. B. "Ralph" Marquez, *Commissioner*  
 Larry R. Soward, *Commissioner*  
 Glenn Shankle, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 18, 2005

Mr. Adam Antwine  
 Senior Representative  
 United States Air Force  
 AFRPA/DC-Kelly  
 143 Billy Mitchell Boulevard, Suite 1  
 San Antonio, TX 78226-1816

7003 1680 0000 4271 3350

**CERTIFIED MAIL**

**RETURN RECEIPT REQUESTED**

Re: Extension for Class 2 Compliance Plan Modification Decision  
 Hazardous Waste Compliance Plan No. 50310  
 Industrial Solid Waste Registration No. 31750  
 EPA I.D. No. TX2571724333  
 WWC11031952; RN02338480; CN600919401

Dear Mr. Antwine:

This letter is written pursuant to 30 Texas Administrative Code Section 305.69(c)(7), as notification of a 30-day extension for a decision on your Class 2 compliance plan modification request. This extension is necessary to provide the Texas Commission on Environmental Quality staff adequate time to properly review your application and prepare the modified compliance plan. Your modification request was received on July 18, 2005, and the proposed date for a final decision per this letter is now November 15, 2005.

Further information concerning this matter may be obtained by contacting Mr. Edward J. (E.J.) Biskup, P.E., of the Industrial and Hazardous Waste Permits Section at 512/239-6620. If responding by letter, please include mail code MC 130 in the mailing address.

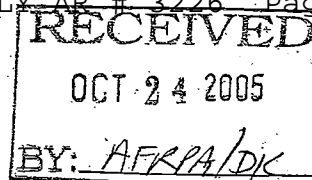
Sincerely,

*Katherine Nelson*

Katherine Nelson, Manager  
 Industrial and Hazardous Waste Permits Section  
 Waste Permits Division

KN/EJB/fp

Kathleen Hartnett White, *Chairman*  
 R. B. "Ralph" Marquez, *Commissioner*  
 Larry R. Soward, *Commissioner*  
 Glenn Shankle, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 19, 2005

Mr. Adam Antwine  
 Senior Representative  
 United States Air Force  
 AFRPA/DC-Kelly  
 143 Billy Mitchell Boulevard, Suite 1  
 San Antonio, TX 78226-1816

7003 1680 0000 4271 3367

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Re: Transmittal of Final Draft Class 2 Compliance Plan Modification  
 United States Air Force, AFRPA/DC-Kelly - San Antonio  
 Industrial Solid Waste Registration No. 31750  
 Hazardous Waste Compliance Plan No. 50310  
 EPA ID. No. TX2571724333  
 WWC11031952; RN02338480; CN600919401

Dear Mr. Antwine:

The enclosed final draft compliance plan modification, technical summary and executive director's preliminary decision, and compliance history were developed in response to your Class 2 compliance plan modification application dated July 15, 2005. The application addresses removal of a recovery well, SS006RW112, and the associated groundwater collection trench at Site S-4 WMA; the closure of the 1100 Area; and the correction of a typographical error regarding the closure status of five (5) solid waste management units previously updated in an earlier modification. The final draft compliance plan modification has been transmitted to the Chief Clerk's office for further processing. Staff will be determining whether United States Air Force, AFRPA/DC-Kelly has paid fees and penalties due to the Texas Commission on Environmental Quality. If you have any delinquent fees or penalties, this may result in a recommendation to return your application or deny your permit.

Questions on the final draft modification should be directed to Mr. Edward J. (E.J.) Biskup, P.E., of the Industrial & Hazardous Waste Permits Section at 512/239-6620. If responding by letter, please include mail code MC 130 in the mailing address.

Sincerely,

*Katherine Nelson*

Katherine Nelson, Manager  
 Industrial and Hazardous Waste Permits Section  
 Waste Permits Division

KN/EJB/fp

Enclosures

## TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

October 12, 2005

Description of Application

**Applicant:** United States Air Force, AFRPA/DC-Kelly  
Industrial Solid Waste Registration No. 31750  
Hazardous Waste Compliance Plan No. 50310  
EPA I.D. No. TX2571724333

**Location:** United States Air Force, AFRPA/DC-Kelly (formerly Kelly Air Force Base [AFB]) is located at 143 Billy Mitchell Boulevard near the intersection of U.S. Highway 90 and Interstate Highway 35 on 3559.7166 acres in San Antonio, Bexar County, Texas, bounded to the west by Lackland AFB, to the south by Southwest Military Drive and Leon Creek, to the east by the Union Pacific So San Yards, and to the north by U.S. Highway 90. The site is within the drainage area of Segment 1911 of the San Antonio River Basin (North Latitude 29°21'40", West Longitude 98°34'53").

This facility is not located in an area affected by the Texas Coastal Management Program.

**General:** United States Air Force, AFRPA/DC-Kelly is a former United States Air Force installation that has undergone closure and realignment as a result of the federal Base Realignment and Closure (BRAC) Act of 1995. Kelly AFB officially closed on July 13, 2001, and approximately 2,134 acres realigned with Lackland AFB. This realignment of property did not impact the facility description contained in this compliance plan. Prior to closure, Kelly AFB was an Air Force Air Logistics Center. The primary mission of this facility was the maintenance, repair, and modification of numerous types of military aircraft, jet engines, gas turbine engines, and accessory components. Large inventories of materials and equipment were warehoused for worldwide distribution. Wastes were generated on-site; however, no treatment, storage, or disposal activities were authorized by permit. Permit No. 50310 was issued to authorize the closure and post-closure care of four (4) hazardous waste management (RCRA-regulated) landfill units. Compliance Plan No 50310 was issued to authorize groundwater monitoring and corrective action associated with the permitted landfills and numerous other nonpermitted solid waste management units (SWMUs).

The original permit was issued on June 12, 1998 for a term of 10 years.

**Request:** United States Air Force, AFRPA/DC-Kelly has applied to the Texas Commission on Environmental Quality (TCEQ) for a Class 2 compliance plan modification which authorizes the removal of a recovery well, SS006RW112, and the associated groundwater collection trench at Site S-4 WMA; closure of the 1100 Area (Plume J); and correction of a typographical error. This permit modification meets the requirements of 30 TAC 305.69(c) for a Class 2 permit modification because the requested changes will authorize the removal of point of compliance wells and background wells related to the 1100 Area and a recovery well from the compliance plan. The application request dated July 15, 2005 was received on July 18, 2005.

TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

Page 3

Public Notice

The permittee has provided public notice of the requested modification in accordance with 30 TAC Sections 305.69(c) and 39.403.

Preliminary Decision

General: The Executive Director has made a preliminary decision that this proposed compliance plan modification, if issued, meets all the statutory and regulatory requirements.

Special: The proposed compliance plan modification does not authorize variances or alternatives to required standards.

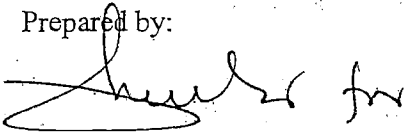
Additional Information

A. Technical information:

Edward J. (E.J.) Biskup, P.E., Project Manager  
Industrial and Hazardous Waste Permits Section  
Waste Permits Division  
Texas Commission on Environmental Quality  
Mail Code MC130  
P. O. Box 13087  
Austin, Texas 78711-3087  
512/239-6595

B. Office of Public Interest Counsel  
Texas Commission on Environmental Quality  
Mail Code MC103  
P. O. Box 13087  
Austin, Texas 78711-3087  
512/239-6363

Prepared by:



Edward J. (E.J.) Biskup, P.E., Project Manager  
Industrial and Hazardous Waste Permits Section  
Waste Permits Division

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



CLASS 2 COMPLIANCE PLAN MODIFICATION  
TO  
HAZARDOUS WASTE COMPLIANCE PLAN NO. 50310  
UNITED STATES AIR FORCE, AFRPA/DC-KELLY

Compliance Plan No. 50310 is hereby modified as follows:

Page 4 of 38

Replace Provision I.C. with the following:

Provision I.C. - This provision is revised to update the status of the SWMUs listed as follows:

1. Zone 1 (Air Force Site No. SS035);
  - a. Lumber Burn Area (B-1), (SWMU 28, Air Force Site No. SS041) - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 1 was approved October 07, 1999;
  - b. Combined Site (CS-3), (Air Force Site No. SS043);
  - c. Landfill (D-1), (SWMU 01, Air Force Site No. LF011);
  - d. Landfill (D-2, East and West), (SWMU 2 and 3, Air Force Site No. LF012);
  - e. Landfill (D-3), (SWMU 4, Air Force Site No. LF013);
  - f. Landfill (D-4), (SWMU 5, Air Force Site No. LF014);
  - g. Landfill (D-5), (SWMU 6, Air Force Site No. LF015);
  - h. Landfill (D-6), (SWMU 7, Air Force Site No. LF016);
  - i. Landfill (D-7), (SWMU 8, Air Force Site No. LF017);
  - j. Landfill (D-8), (SWMU 9, Air Force Site No. LF018);
  - k. Landfill (D-9), (SWMU 10, Air Force Site No. LF001);
  - l. Oil Evaporation Pit (E-2), (SWMU 12, Air Force Site No. WP021); and
  - m. Sludge Spreading Area (SA-1), (SWMU 30, Air Force Site No. WP029).
  
2. Zone 2 (Air Force Site No. SS036);
  - a. Jet Engine Test Cell Complex (S-9), (SWMU 25, Air Force Site No. ST010);
  - b. Fire Control Training Area (FC-2), (SWMU 27, Air Force Site No. FT024);
  - c. Former Industrial Waste Treatment Plant (IWTP), (SWMU 122-159, Air Force Site No. SS002);
  - d. Combined Site (CS-2), (Air Force Site No. SS042);
  - e. Chemical Evaporation Pit (E-1), (SWMU 11, Air Force Site No. WP020);
  - f. Sludge Spreading Area (SA-3), (SWMU 32, Air Force Site No. SS031);
  - g. Sludge Spreading Area (SA-4), (SWMU 33, Air Force Site No. SS032);
  - h. Old Sludge Drying Beds (SD-2), (SWMU 44, Air Force Site No. WP034);
  - i. Hazardous Waste Storage Area (S4-A), (SWMU 16, Air Force Site No. SS028);

Class 2 Compliance Plan Modification  
Compliance Plan No. 50310

Page 2

- j. Maintenance Storage Area (S-3), (SWMU 15, Air Force Site No. SS005) - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 2 approved, and proof of deed certification accepted by the Corrective Action Section of the Remediation Division. Former Kelly AFB released from post-closure care responsibilities at this unit on July 07, 2003;
  - k. Liquid Waste Incinerator (OT-1), (Air Force Site No. SS039);
  - l. Waste Tar Pit Landfill (D-10), (Air Force Site No. LF019); and
  - m. North Bank Area.
3. Zone 3 (Air Force Site No. SS037);
- a. Fuel Spill Area (S-4), (Area of Concern C, Air Force Site No. ST006) - The plan submitted for final groundwater remediation titled Draft Final Site S-4 Corrective Measures Implementation Work Plan April 2002, is hereby approved. The plan listed herein describes the final corrective action program for Site S-4, Fuel Spill Area (Area of Concern C, Air Force Site No. ST006);
  - b. Former Metal Plating Shops (OT-2), (Air Force Site No. SS040);
  - c. Zone 3 Industrial Waste Collection System (IWCS), (SWMU 246, Air Force Site No. SS044);
  - d. 300 Area;
  - e. Building 347 USTs (NOR SWMU 28);
  - f. Building 348 USTs (RFA SWMUs 74-75, NOR SWMU 29); and
  - g. Building 351 USTs (NOR SWMU 70).
4. Zone 4 (Air Force Site No. SS052);
- a. Zone 4 IWCS
5. Zone 5 (Air Force Site No. SS050);
- a. Former Waste Oil Storage Facility (S-1), (SWMU 14, Air Force Site No. SS003);
  - b. Former Aqua-Fuels System (Building 1618) (S-5), (SWMU 17-24, Air Force Site No. ST007);
  - c. Spill Site (S-10), (Air Force Site No. SS045);
  - d. 1100 Area (a.k.a. Plume J) - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 2, approved on February 22, 2005, closure certification accepted by the Corrective Action Section of the Remediation Division. Former Kelly AFB released from post-closure care responsibilities at the unit on August 12, 2005;
  - e. 1500 Area - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 1 approved, and Former Kelly AFB released from deed recordation and post-closure care responsibilities at this unit on July 01, 2003;
  - f. Civil Engineering Motor Pooling Station (Building 38);
  - g. Former Building 1501 USTs - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 2 approved, and proof of deed certification accepted by the Corrective Action Section of the Remediation Division. Former Kelly AFB released from post-closure care responsibilities at this unit on August 02, 2002;
  - h. Building 1501 Oil/Water Separator (RFA SWMU 119) - Closure under 30 TAC Chapter 335, Subchapter S, Risk Reduction Standard No. 2, and proof of deed certification accepted by the Corrective Action Section of the Remediation Division. Former Kelly AFB released from post-closure care responsibilities at this unit on September 25, 2003;

Class 2 Compliance Plan Modification  
 Compliance Plan No. 50310

Page 3

- i. Former Building 1418 Oil/Water Separator;
- j. Former Building 966 USTs (RFA SWMUs 92-93);
- k. S-1592 USTs (RFA SWMUs 97-99);
- l. Former Building 966 Oil/Water Separator (RFA SWMU-115);
- m. Building 894 Oil/Water Separator (RFA SWMU 72/111); and
- n. Building 894 Container Storage Area (RFA SWMU 51/60).

Page 36 of 38

TABLE III, ZONE 5, is revised as follows:

Point of Compliance Wells

- 1. S-1 - SS003MW001, SS003MW006, SS003MW009
- 2. [Removed]

Background Wells

- 1. S-1 - SS003MW021, SS003MW008, KY029MW004
- 2. [Removed]

Attachment A - Replace Sheet 62 of 77 with the revised Sheet 62 of 77 dated July 15, 2005 and entitled:

KELLY AFB ENVIRONMENTAL MANAGEMENT  
 Site S-4 Corrective Action System  
 FORMER KELLY AFB, TEXAS

This Class 2 modification is part of Compliance Plan No. 50310 and should be attached thereto.

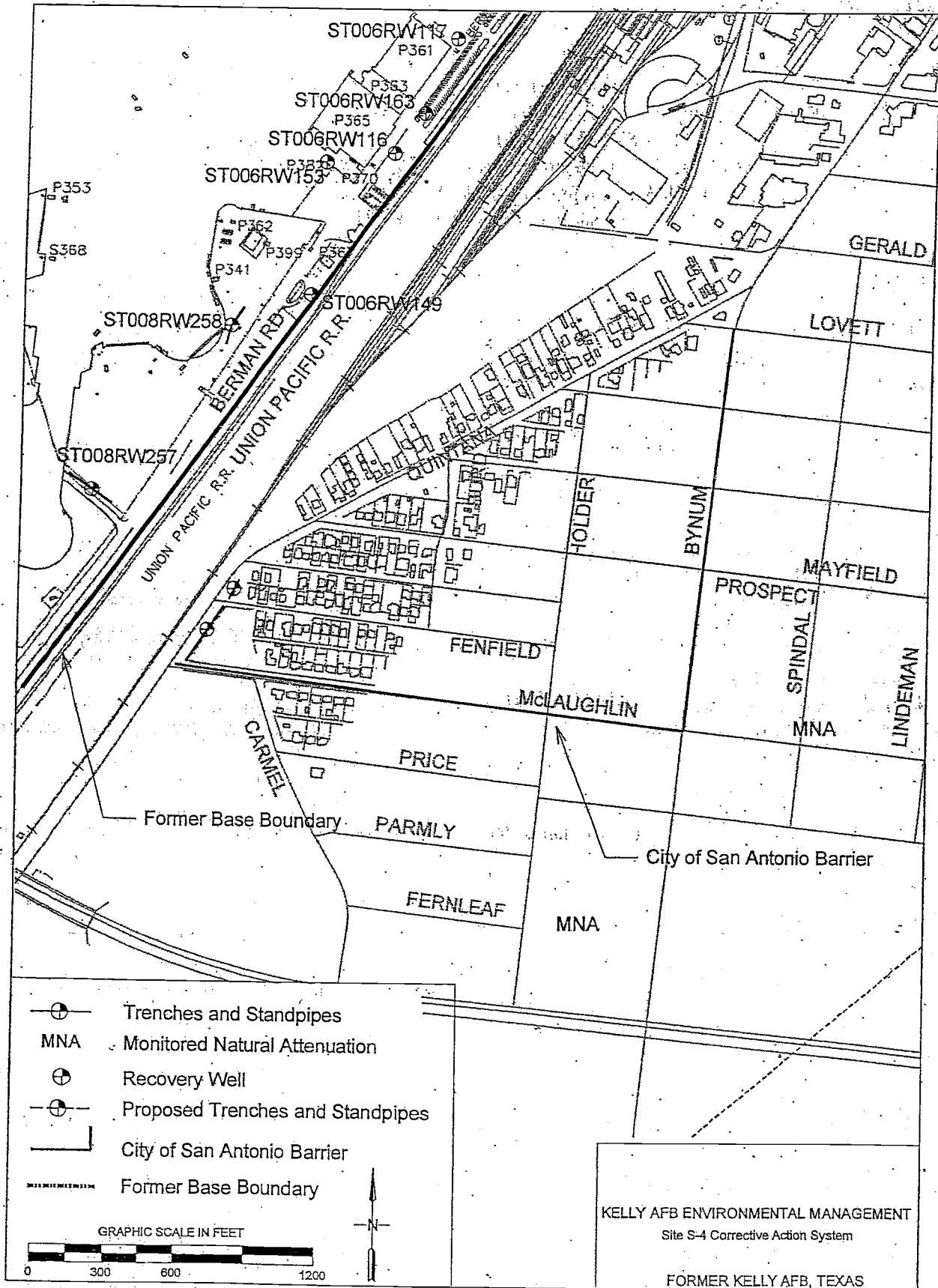
Issued:

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For the Commission

Compliance Plan No. CP-50310  
Kelly Air Force Base

Attachment A  
Sheet 62 of 77



Revised: July 15, 2005

KELLY AFB ENVIRONMENTAL MANAGEMENT  
Site S-4 Corrective Action System  
FORMER KELLY AFB, TEXAS



### Compliance History

Customer/Respondent/Owner-Operator:	CN600919401	US Department of the Air Force	Classification: AVERAGE	Rating: 1.68
Regulated Entity:	RN102338480	AIR FORCE BASE CLOSURE AGENCY	Classification: HIGH	Site Rating: 0.00
ID Number(s):	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	PERMIT		50310
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	EPA ID		TX2571724333
	INDUSTRIAL AND HAZARDOUS WASTE GENERATION	SOLID WASTE REGISTRATION # (SWR)		31750
	IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)		31750
	INDUSTRIAL AND HAZARDOUS WASTE POST CLOSURE	PERMIT		50310
Location:	KELLY AFB, SAN ANTONIO, TX, 78241		Rating Date: September.01 05 Repeat Violator: NO	
TCEQ Region:	REGION 13 - SAN ANTONIO			
Date Compliance History Prepared:	September 13, 2005			
Agency Decision Requiring Compliance History:	Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.			
Compliance Period:	July 18, 2000 to September 13, 2005			
TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History				
Name:	Kimberly Sladek		Phone:	239-1588

#### Site Compliance History Components

- 1. Has the site been in existence and/or operation for the full five year compliance period? Yes
- 2. Has there been a (known) change in ownership of the site during the compliance period? No
- 3. If Yes, who is the current owner? N/A
- 4. If Yes, who was/were the prior owner(s)? N/A
- 5. When did the change(s) in ownership occur? N/A

#### Components (Multimedia) for the Site :

- A. Final Enforcement Orders, court judgements, and consent decrees of the state of Texas and the federal government.
 

N/A
- B. Any criminal convictions of the state of Texas and the federal government.
 

N/A
- C. Chronic excessive emissions events.
 

N/A
- D. The approval dates of investigations. (CCEDS Inv. Track. No.)
 

N/A	1	08/30/2002	(5379)
	2	08/18/2000	(30749)
- E. Written notices of violations (NOV). (CCEDS Inv. Track. No.)
 

N/A
- F. Environmental audits.
 

N/A
- G. Type of environmental management systems (EMSs).
 

N/A
- H. Voluntary on-site compliance assessment dates.
 

N/A
- I. Participation in a voluntary pollution reduction program.
 

N/A
- J. Early compliance.
 

N/A

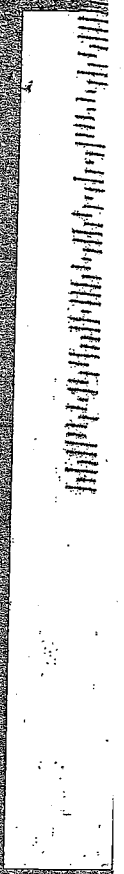
501659  
10/9/2005  
Mailed from 78758  
U.S. POSTAGE

7003 1680 0000 4271 3367

TEXAS COMMISSION ON  
 ENVIRONMENTAL QUALITY  
 P.O. BOX 13087  
 AUSTIN, TEXAS 78711-3087  
 RETURN SERVICE REQUESTED

MR ADAM ANTWINE  
 UNITED STATES AIR FORCE  
 AFRPA/DC KELLY  
 143 MITCHELL BOULEVARD  
 SUITE 1  
 SAN ANTONIO TX 78226-1816

MC 130





DEPARTMENT OF THE AIR FORCE  
AIR FORCE REAL PROPERTY AGENCY

NOV 07 2005

AFRPA/DC-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 13 September 2005 Technical Review Subcommittee (TRS) meeting.

1. *Mr. Silvas requested a copy of the original blanket purchase agreement for Clearwater Revival (BPA F41622-98-A-5882).*

Please refer to attachment 1.

2. *Mr. Silvas inquired who was responsible for providing updates on the TAPP budget, and for a more detailed TAPP budget for Fiscal Years '05 and '06.*

The Air Force has provided Technical Assistance for Public Participation (TAPP) updates at virtually every Restoration Advisory Board (RAB) and TRS meeting during 2005. These updates are intended to provide a summary of awards given against the \$100,000 TAPP ceiling. The most recent update is provided as attachment 2 and includes fiscal year 2005 information. The Air Force has not received additional requests for TAPP assistance beyond review of the 2005 Semiannual Compliance Plan Report. In addition, the Kelly RAB has expended nearly all of the \$100,000 allocated.

Please refer to attachment 2.

3. *Mr. Garcia requested an update on the status of receiving additional TAPP funds.*

If the Kelly RAB exhausts the \$100,000 total allocated, and RAB members believe there remains a need for additional assistance in interpreting information regarding the nature and extent of contamination or proposed remedial actions, members should review the TAPP Final Rule (32 CFR Part 203). This document is included in the RAB Reference Guide the Air Force provided each RAB member. While 32 CFR Part 203 does authorize the Secretary of the Air Force to waive the funding limitations of the TAPP, it goes on to explain such waivers may be granted, as appropriate, to reflect the complexity of response action, the nature and extent of contamination at the installation, the level of activity at the installation, projected total needs as identified by the TAPP recipient, the size and diversity of the affected population, and the ability of the TAPP recipient to identify and raise funds from other sources.

The Air Force strongly recommends RAB members familiarize themselves with 32 CFR Part 203 and discuss specific needs for assistance. If the community RAB members determine a need for assistance, a request must be submitted to the installation co-chair. This request should be made using the attached DD Form 2749, Technical Assistance For Public Participation (TAPP) Application, along with an accompanying certification that the request represents a majority of the community members of the RAB.

Please refer to attachment 3.

4. *Mr. Silvas requested a complete copy of the AFIOH ALS case study report to be provided to all RAB members.*

AFIOH provided full copies of the report to all RAB members present at the 18 October 2005 RAB meeting. Additionally, AFIOH provided AFRPA copies which AFRPA has placed in both the Information Repository located on the 2<sup>nd</sup> floor of the San Antonio Central Library, 600 North Soledad, San Antonio, TX 78205 and the community co-chair library located at the Environmental Health and Wellness Center, 911 Castroville Rd., San Antonio, TX 78237.

The full report can also be obtained at no cost online at the following Website:

[http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb\\_037347.pdf](http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb_037347.pdf)

5. *Mr. Silvas requested action be taken against Brooks City-Base Public Affairs Officer (PAO) for unprofessional comments made during phone conversations regarding the Case Series Investigation of Amyotrophic Lateral Sclerosis (ALS) Among Former Kelly Air Force Base Workers.*

Investigating complaints against the Brooks City-Base PAO is outside the authority of the Air Force Real Property Agency. A written complaint may be submitted to the Brooks City-Base Public Affairs at:

311 HWS-PA  
2510 Kennedy Circle  
Brooks City-Base  
San Antonio, TX 78235-5115

6. *Mr. Silvas requested copies of agendas from March 2005 and May 2005 TRS meetings.*

Please refer to attachments 4 and 5.

Thank you for your service as members of the Kelly Restoration Advisory Board.

Sincerely



ADAM G. ANTWINE  
Senior Representative

Attachments:

1. *BPA F41622-98-A-5882*
2. *TAPP Budget Update*
3. DD Form 2749, TAPP Application
4. March 2005 TRS Agenda
5. May 2005 TRS Agenda

Public reporting burden for this collection of information is estimated to average 1 hour 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 this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0187), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR FORM TO EITHER OF THESE ADDRESSES.  
SEND YOUR COMPLETED FORM TO THE PROCUREMENT OFFICIAL IDENTIFIED IN ITEM 6.**

1. CONTRACT/PURCH ORDER NO. F41622-98-A5882		2. DELIVERY ORDER NO.		3. DATE OF ORDER (YYMMDD) 98SEP10		4. REQUISITION/PURCH REQUEST NO.		5. PRIORITY		
6. ISSUED BY AFBCA/DC CARSWELL 6550 WHITE SETTLEMENT RD FT WORTH, TX 76112				7. ADMINISTERED BY (If other than 6) NANCY R. AUDELO 817-731-8973 EXT 12 <i>1-800-605-3303 wt 12</i>		8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER <i>(See Schedule if other)</i>				
9. CONTRACTOR CLEARWATER REVIVAL COMPANY 305 SPRUCE ST ALAMEDA, CA 94501		FACILITY CODE		10. DELIVER TO FOB POINT BY (Date)(YYMMDD) 030910		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN OWNED				
14. SHIP TO SEE BLOCK 6		15. PAYMENT WILL BE MADE BY DFAS-SA/FPVO 300 MCCULLOUGH SAN ANTONIO, TX 78215		12. DISCOUNT TERMS NET 30		13. MAIL INVOICES TO SEE BLOCK 6		MARK ALL PACKAGES AND PAPERS WITH CONTRACT OR ORDER NUMBER		
16. TYPE OF ORDER DELIVERY PURCHASE		This delivery order is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract. Reference your _____ furnish the following on terms specified herein. <b>ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.</b>								
NAME OF CONTRACTOR		SIGNATURE		TYPED NAME AND TITLE		DATE SIGNED (YYMMDD)				
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:										
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE										
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICE	20. QUANTITY ORDERED/ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT					
	BLANKET PURCHASE AGREEMENT TO PROVIDE ENVIRONMENTAL RESTORATION CONSULTING TO THE RESTORATION ADVISORY BOARD AT KELLY AFB, TX.									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.		24. UNITED STATES OF AMERICA <i>Nancy R. Audelo</i> BY: NANCY R. AUDELO CONTRACTING/ORDERING OFFICER				25. TOTAL				
26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED		27. SHIP. NO.		28. D.O. VOUCHER NO.		29. DIFFERENCES				
DATE _____ SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE _____		<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR				
36. I Certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____		31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34. CHECK NUMBER				
37. RECEIVED AT		38. RECEIVED BY (Print)		39. DATE RECEIVED (YYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NUMBER		42. S/R VOUCHER NO.

## DESCRIPTION OF AGREEMENT

The contractor shall furnish non-personal environmental services as described in general terms below and in accordance with the attached Statement of Objectives if and when requested by the contracting officer or his/her representative during the period on/about 15 September 1998 through 14 September 2002.

## 1. SERVICES TO BE FURNISHED/SUPPLIES TO BE FURNISHED

Non personal service to furnish environmental scientist expertise for the on-going Base Realignment and Closure (BRAC) environmental efforts at Kelly Air Force Base in accordance with the attached Statement of Objectives.

## 2. EXTENT OF OBLIGATION

The government is only obligated to the extent of calls actually placed against this Blanket Purchase Agreement by authorized personnel and accepted by contractor representatives. It is the contractor's right not to accept a call(s) under this agreement. In the event the contractor does not desire to accept a call he/she should notify the contracting officer immediately. Once a call is issued and accepted it is considered an order under this agreement and subject to the terms and conditions of the order.

## 3. PRICING

Prices quoted to the government must be as low as or lower than those charged your most favored customer for comparable quantities under similar terms and conditions, in addition to any trade discounts or prompt payment discount.

## 4. PURCHASE LIMITATION

No individual call shall be placed by the Government or accepted by the contractor that exceeds the amounts set forth in the Federal Acquisition Regulation (FAR) for a simplified acquisitions. Calls issued against this agreement shall be in writing and where appropriate facsimile will be used.

## 5. NOTICE OF AUTHORIZATION TO PURCHASE UNDER THE BPA AND DOLLAR LIMITATIONS

The contracting officer, Nancy R. (Randi) Audelo currently assigned to AFBCA/DC Carswell or any duly warranted contracting officer assigned to AFBCA is authorized to place calls.



## 6. SALES/DELIVERY TICKETS

The contractor agrees to furnish one sales ticket containing the following information for each call made against this agreement or a monthly invoice summarizing the calls completed.

- a. Name of Contractor
- b. Blanket Purchase Agreement Number
- c. Date of call
- d. Party placing call
- e. Itemized listing of call number(s) (if using the monthly invoice billing method)
- f. Quantity, unit price, and extension of each item, Total amount of call.
- g. Date(s) of service

## 7. INVOICES AND PAYMENT AND TERMS

Invoices/Statements will be provided at the completion of the work associated with a particular call or on a monthly basis. Invoices will be provided to the contracting officer at AFBCA/DC Bergstrom, 3711 Outlaw Country Drive (Bldg 4531), Austin, TX 78719-2557. Payment will be NET 30 from date a proper invoice is received. **Prompt Payment Discounts may be offered and shall be shown on the invoice, e.g. 2% 10 Net 30.** Payment will be made by the paying office shown in Block 15 of the DD 1155. **DO NOT SEND INVOICES TO THE PAYING OFFICE.**

## 8. PRICE LIST

This is a pre-priced BPA. Price list must show a beginning and ending date, and no orders may be placed outside the specified time frame. **Contractor may adjust their price list, upward, at any time, with a minimum of two weeks notice to the contracting officer at which time the new price list will be incorporated into this agreement. Downward adjustments may be made at anytime.** Contractor shall provide a new price list NLT the expirations date of the existing price list.



F41622-98-A5882

I	FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES		
1.	52.252-2	CLAUSES INCORPORATED BY REFERENCE THIS CONTRACT INCORPORATES ONE OR MORE CLAUSES BY REFERENCE, WITH THE SAME FORCE AND EFFECT AS IF THEY WERE GIVEN IN FULL TEXT. UPON REQUEST, THE CONTRACTING OFFICER WILL MAKE THEIR FULL TEXT AVAILABLE.	JUN 88
2.	52.203-1	OFFICIALS NOT TO BENEFIT	APR 84
3.	52.203-3	GRATUITIES	APR 84
4.	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR 84
5.	52.203-7	ANTI-KICKBACK PROCEDURES	OCT 88
6.	52.212-9	VARIATION IN QUANTITY	APR 84
7.	52.219-4	NOTICE OF SMALL BUSINESS-SMALL PURCHASE SET-ASIDE	AUG 88
8.	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (APPLIES IF OVER \$10,000)	FEB 90
9.	52.222-3	CONVICT LABOR	APR 84
10.	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION (APPLIES IF OVER \$2,500)	MAR 86
11.	52.222-21	CERTIFICATION OF NONSEGREGATED FACILITIES	APR 84
12.	52.222-26	EQUAL OPPORTUNITY	APR 84
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STATEMENT OF OBJECTIVES

TECHNICAL ASSISTANCE FOR PUBLIC PARTICIPATION  
FOR  
KELLY AIR FORCE BASE, TEXAS

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AT KELLY AIR FORCE BASE, TEXAS**

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## STATEMENT OF OBJECTIVES (SOO) BLANKET PURCHASE AGREEMENT

### 1.0 GENERAL

#### 1.1 Scope

1.1.1 Background. The Kelly Air Force Base Restoration Advisory Board (RAB) was convened in 1994. The RAB was designed to solicit input from community members on the cleanup efforts on-going at the base. The RAB is made up of Air Force personnel, local, state, and federal regulators, environmental and public interest group representatives, and community members who live or work in the area of impact from the base. The RAB meets quarterly and provides the Air Force with input regarding the Kelly AFB Installation Restoration Program. The nature of the documents and issues that the RAB faces are highly technical and many members do not have a technical background. The DoD Technical Assistance for Public Participation (TAPP) program has provided that base restoration funds may be used to fund technical assistance from private sector sources for interpreting scientific and engineering issues with regard to the nature of environmental hazards at an installation and the restoration activities conducted, or proposed to be conducted, at an installation. This assistance will aid to facilitate communication among the U.S. Air Force; other federal, state, or local agencies; interested groups; and community members of the RAB concerning installation restoration program IRP or other environmental activities. TAPP objectives are that the technical assistance funds will 1) contribute to the efficiency, effectiveness or timeliness of the restoration activities; and 2) contribute to the community awareness and acceptance of the restoration activities.

1.1.2 Objectives. The contractor shall furnish all professional non-personal service labor, management, supervision, tools, materials, equipment, transportation, mailings, and reproductions, unless specified herein, for the assigned tasks issued against this Blanket Purchase Agreement.

The contractor may provide technical assistance to the RAB by interpreting and translating the data in Kelly AFB technical documents and the regulatory processes involved in base restoration as well as the technical data on the impacts of such restoration for the community members of the RAB, and thus, for the entire affected community.

A restoration expert may be asked to review plans and give an independent opinion of the technical validity of the issues involved with clean-up of the contamination, and related regulatory processes.

A health effects expert may provide technical assistance to interpret the potential health implications of cleanup levels or remedial technologies, or to explain the health implications of site contaminants and exposure scenarios.

Each expert may be required by their task order to meet with the RAB or other groups as deemed necessary by the RAB. Each expert may be required to provide written reports as part of the task order. They will focus on both long and short term issues and focus their work toward those segments of the community that are least capable of participating in the restoration process. Contractors may be required to provide the following types of deliverables: preperformance meetings, schedule submittals, technical review of documents, oral presentation of work, written reports, response to RAB comments, RAB meeting attendance, and training. Any or all of these tasks may be required.

## 1.2 Guidance, Compliance and Qualification Requirements

1.2.1 Guidance and Compliance Documents. All assessments and recommendations shall comply with all federal, state, and local environmental laws and regulations including, but not limited to applicable portions of the statutes and regulations cited below. The contractor is responsible for obtaining all public documents as needed based on the individual tasks issued against this agreement. Examples of the types of documents that may be required are listed.

- a) Solid Waste Disposal Act (42 USC 6901, et seq.)
- b) Comprehensive Environmental Response, Compensation and Liabilities Act (CERCLA) (42 USC 9601, et seq.)
- c) National Oil & Hazardous Substances Contingency Plan (NCP) (40 CFR 3000)
- d) Defense Environmental Restoration Program (DERP) (10 USC 2701, et seq. Emergency Planning and Community Right-To-Know Act
- e) In addition any additional documents that are relevant to a tasking, such as Draft or Final Remedial Investigation /RCRA Facility Investigation reports etc. will be noted in the task order issued against this BPA.
- f) Texas Solid Waste Disposal Act (Texas Health & Safety Code, Chapter 361)
- g) Title 30 Texas Administrative Code Chapter 335
- h) Agency for Toxic Substances Disease Registry Report
- i) 1997 Basewide Remedial Assessment
- j) Proposed Zone 4 Operable Unit 2 Workplan

### 1.2.2 Minimum Qualifications

1.2.2.1 In accordance with 32 CFR Part 203, Section 203.12 a TAPP provider shall possess, as a minimum, the following credentials.

- (a) Demonstrated knowledge of hazardous or toxic waste issues and/or laws

(b) Academic training in a relevant discipline, e.g., groundwater hydrology, geology, chemistry, engineering, environmental restoration, medicine, toxicology, health sciences, epidemiology, health effects evaluation, or related fields of practice. Contractors may be experienced in more than one discipline.

(c) Ability to translate technical information into terms understandable to lay persons.

(d) Experience in making technical presentations and demonstrated writing ability.

#### 1.2.2.2 Additional knowledge and experience requirements include:

(a) Knowledge of CERCLA, RCRA, and other federal and state environmental regulations governing remediation/restoration activities at federal facilities.

(b) Knowledge of state/local environmental laws and/or conditions.

1.2.2.3 Contractor shall provide a statement of qualifications in his area of expertise in sufficient detail to enable evaluators to determine if the applicant is qualified to do any of the possible required tasks. The statement of qualifications should include the names of all the individuals to be involved, with their individual qualifications and responsibilities. If the contractor's experience is limited, he should explain his area of expertise.

1.2.2.4 Contractor shall provide a conflict of interest disclosure. Neither experts nor their employers shall have worked as an employee, contractor or consultant, whether paid or unpaid, for the Air Force, the Greater Kelly Development Corporation (GKDC), a lessee of GKDC, the Committee for Environmental Justice Action (CEJA), a CEJA member, the Foundation for a Compassionate Society, or a member of the RAB during the preceding two (2) years. Furthermore, the Experts must disclose any previous work with any organization listed above for the previous three years. The Experts shall inform the RAB of any active solicitation of work from any organization listed above

1.2.2.5 The contractor shall provide examples of prior work. Analyses and evaluation of other environmental documents may be provided. This could be comment letters, scientific abstracts, or other documentation. Examples of prior work shall not exceed 20 pages.

### 1.3 Base Support

The Air Force shall supply all required documents as dictated by the specific task order.

## **2.0 PROGRAM MANAGEMENT**

### **2.1 Background Data/Information Review**

2.1.1 The Director of Environmental Management shall provide the contractor, where available, all pertinent and available background information concerning the individual task orders under this BPA. The contractor may be required to review/obtain additional background data information as required for the performance of the required services.

2.1.2 To accommodate the Air Force's remediation schedule the contractor and the Air Force will agree on a schedule or timeline for each task order issued. The contractor shall be required to meet the required timeline: Any extension of time must be agreed to by the Director of Environmental Management, and RAB, and approved in writing by the Contracting Officer.

### **2.2 Meetings**

2.2.1 Pre-Performance Conference - A pre-performance conference shall be held after the award of the order and prior to commencement of the work at a time, place and date specified by the Contracting Officer. (Normally within 10 days of award.) Discussions at this meeting will include the development of a mutual understanding relative to issuing task orders, scheduling and administering the work.

2.2.2 Contractor is invited to attend RAB meetings, which are normally held quarterly, with the next meeting scheduled for late October 1998.

## **3.0 PROJECT EXECUTION**

The following is a written example of requirements for taskings which involves the review of a remedial action project. These paragraphs will be tailored and detailed in any task orders issued against agreement, e.g., assess technologies, participate in relative risk site evaluations, understand health implications, training, etc.

### **3.1 Specific Requirements**

3.1.1 Technical Review Report: This requires a review of the specific site, or location, and the applicable documents to be reviewed. The contractor is tasked with evaluating each of these reports or report with respect to current environmental actions by the Air Force, assessing the completeness of the reports and adequacy of proposed or current actions, and making recommendations for future actions. For example, we may ask the contractor to give their assessment of the problems, potential health and environmental risks, and effectiveness and appropriateness of the remedial strategy or action. You can ask the contractor if other



remedial actions are more appropriate. If another option is provided the contractor must provide their rationale for choosing another action. Copies of the reports referenced or required will either be provided by the Air Force or are available at the information repository at the downtown San Antonio library

3.1.1.1 As an example the written reports may include such items as, analysis, computations, and citations describing the results of the analysis and recommendation. The written report will include a defense of the process for making the determinations and an evaluation of the levels of confidence in the recommendations. Each individual task order will specify the requirement for that order

3.1.1.2 All submittals must be double-sided, 100% post-consumer, recycled paper.

3.1.2 Technical Oral Presentation: A task order against this BPA may involve presenting the findings to the members of the RAB at a regularly scheduled RAB meeting time. A firm date for this meeting will be scheduled at the time the order is placed. The RAB meetings are normally held on Wednesdays at 6:00pm, at different locations in San Antonio.

3.1.3 Response to Comments: Following the review of the written report and/or oral presentation, RAB members may have comments they wish addressed. The Contractor shall provide a written response to each question from the RAB, as so stated in the individual task order. Comments received before the oral presentation may also be delivered verbally at the presentation.

## **3.2 Public Affairs**

The contractor shall not make available to the news media, nor make public disclosure of any data resulting from this contract during the performance of this contract. During the performance of this contract the contractor shall refer all press or public contacts to the DoD co-chair. The documents produced and a transcription of the RAB presentation will be placed in the Administrative Record and Information Repository by the Air Force. After completion of all requirements the public disclosure restriction will be removed.

## **4.0 Submittals/Deliverables**

Each task order will specify the required deliverables, with the quantities and time frame specified. Each written submittal will include a cover letter stating the deliverable being provided and will include the Blanket Purchase Agreement number and the Task order number. The contractor shall provide a copy of the cover letter to the contracting officer. Copies of reports do not need to be provided to the contracting officer unless specified in the Task order.

ITEM	DUE DATE	# OF COPIES	RECEIVING PARTY
------	----------	-------------	-----------------

*NOTE: This is only an example of the type of deliverables that may be required. The individual task order will provide the exact requirements.*

• Report	14 days prior to presentation	20	2- AF BEC- Mr. Smith 5- RAB POC- Ms Jones
• Presentation	As agreed at the pre-con mtg.	1	RAB
• Response to RAB comments	14 days after presentation	20	2 -AF BEC- Mr. Smith 5 RAB POC- Ms Jones

## 5.0 Contract Surveillance

**5.1 Quality of Work:** The contractor is solely responsible for the quality of the work. The Inspection of Services Clause applies to this order.

### 5.2 Inspection/Oversight Responsibilities and Acceptance

5.1.1 The Vice-Commander of Kelly AFB is the DoD Co-Chair of the RAB. The Contracting Officer (C.O.) will designate a C.O. Representative (COR) who will act as liaison between the Contractor and the RAB. The Contracting Officer will be notified of any conflicts and will resolve any problems that cannot be mutually resolved between the Contractor, DoD Co-Chair, and the RAB Community Co-Chair, or designated representatives. A meeting of all parties, at no additional cost to the government, may be called by the contracting officer to discuss and propose solutions to resolve discrepancies.

5.1.2 The Contractor is advised that only the Contracting Officer can obligate the government or direct the contractor. The COR and the RAB members DO NOT have this authority. The contractor SHALL NOT EXCEED the total amount of any order awarded without prior written approval of the contracting officer

5.1.3 The COR, with the RAB's concurrence, shall certify acceptance at completion of the task.

## 6.0 Points Of Contact

A list of Points of Contact will be available with each task order.

# TAPP FUNDING SUMMARY

Year of Award	Date of Award	Project/Document Name	Contractor	Total Award	Date of RAB Presentation
FY98	09/24/98	ATSDR Report (Water)	University of Maryland	\$ 9,706.00	04/11/00
FY98	09/24/98	1997 Basewide Remediation Assessment	Clearwater Revival	\$ 6,975.00	07/20/99
FY98	09/24/98	OU-2 Work Plan	Neathery Environmental	\$ 5,145.00	10/05/99
FY99	09/23/99	Zone 5 Corrective Measures Study	Geomatrix	\$ 3,617.50	10/15/02
FY99	09/23/99	Zone 3 Corrective Measures Study Addendum	Clearwater Revival	\$ 6,375.00	04/11/00
FY99	09/23/99	Zone 4 OU-2 Remedial Investigation	Neathery Environmental	\$ 6,195.00	04/16/02
FY00	08/29/00	Shallow Groundwater Report	Geomatrix	\$ 5,572.50	01/16/01
FY00	08/29/00	B-258 SWMU RCRA Facility Investigation	Clearwater Revival	\$ 5,925.00	11/19/02
FY00	08/29/00	Site S-8 Draft Final Corrective Measures Investigation	Neathery Environmental	\$ 5,660.00	01/16/01
FY01	08/23/01	ATSDR Health Assessment	University of Maryland	\$ 7,428.00	04/16/02
FY01	08/23/01	Zone 4 Corrective Measures Study	Geomatrix	\$ 8,390.00	10/15/02
FY01	08/23/01	Zone 3 RCRA Facility Investigation	Clearwater Revival	\$ 5,775.00	10/21/03
FY03	06/10/03	ATSDR Air Emission Study	University of Maryland	\$ 8,366.00	04/19/05
FY03	06/10/03	Zone 2/3 Corrective Measures Study	Neathery Environmental	\$ 5,570.00	01/18/05
FY03	09/23/03	Additional Travel for Zone 3 RFI Presentation	Clearwater Revival	\$ 500.00	
FY06	TBD	2005 Semiannual Compliance Plan	Clearwater Revival	\$ 6,625.00	TBD
<b>TOTAL</b>				<b>\$ 97,825.00</b>	

<b>CEILING</b>	<b>\$ 100,000.00</b>
<b>AWARDED</b>	<b>\$ 97,825.00</b>
<b>REMAINING BALANCE</b>	<b>\$ 2,175.00</b>

<b>TECHNICAL ASSISTANCE FOR PUBLIC PARTICIPATION (TAPP) APPLICATION</b>		Form Approved OMB No. 0704-0392 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 and Communications 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.			
<b>SECTION I - TAPP REQUEST SOURCE IDENTIFICATION DATA</b>			
1. INSTALLATION			
2. SOURCE OF TAPP REQUEST <i>(Name of Restoration Advisory Board (RAB) or Technical Review Committee (TRC))</i>			
3. CERTIFICATION OF MAJORITY REQUEST			4. DATE OF REQUEST <i>(YYYYMMDD)</i>
<b>5. RAB POINT OF CONTACT</b>			
a. NAME <i>(Last, First, Middle Initial)</i>		b. ADDRESS <i>(Street, Apt. or Suite Number, City, State, ZIP Code)</i>	
c. TELEPHONE NUMBER <i>(Include Area Code)</i>			
<b>SECTION II - TAPP PROJECT DESCRIPTION</b>			
6. PROJECT TITLE			
7. PROJECT TYPE <i>(Data Interpretation, Training, etc.)</i>			
8. PROJECT PURPOSE AND DESCRIPTION <i>(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.)</i>			
9. STATEMENT OF ELIGIBILITY <i>(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.)</i>			
10. ADDITIONAL QUALIFICATIONS OR CRITERIA TO BE CONSIDERED <i>(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.)</i>			
<b>SECTION III - INSTALLATION COMMANDER/DESIGNATED DECISION AUTHORITY APPROVAL</b>			
	APPROVED	11. SIGNATURE	12. TITLE
	NOT APPROVED		13. DATE (YYYYMMDD)

<b>SECTION IV - PROPOSED PROVIDER DATA</b>			
<b>14. PROPOSED PROVIDER</b>			
<b>a. NAME</b>		<b>b. ADDRESS (Street, Apt. or Suite Number, City, State, ZIP Code)</b>	
<b>c. TELEPHONE NUMBER (Include Area Code)</b>			
<b>15. PROVIDER QUALIFICATIONS (Attach separate statement, if necessary. A statement of qualifications from the proposed technical assistance provider will be acceptable.)</b>			
<b>16. ALTERNATE PROPOSED PROVIDER (If known. Attach additional pages as required.)</b>			
<b>a. NAME</b>		<b>b. ADDRESS (Street, Apt. or Suite Number, City, State, ZIP Code)</b>	
<b>c. TELEPHONE NUMBER (Include Area Code)</b>			
<b>17. ALTERNATE PROVIDER QUALIFICATIONS (Attach separate statement, if necessary. A statement of qualifications from the proposed technical assistance provider will be acceptable.)</b>			
<b>SECTION V - CONTRACTING OFFICE APPROVAL</b>			
<input type="checkbox"/>	APPROVED	18. SIGNATURE	19. TITLE
<input type="checkbox"/>	NOT APPROVED		20. DATE (YYYYMMDD)

# Kelly Restoration Advisory Board (RAB)

## Technical Review Subcommittee (TRS)

### Meeting Agenda\*

March 8, 2005, 6:30 p.m.

Environmental Health & Wellness Center

911 Castroville Road

(formerly Las Palmas Clinic)

6:30 – 6:40	<b>Introduction</b>	Dr. Patti Smith
	A. Agenda Review	
	B. Packet Review	
6:40 – 7:00	<b>Update on Building 326</b>	Mr. Jack Shipman
7:00 – 7:15	<b>Question &amp; Answer Session on the Update of Building 326</b>	Dr. Patti Smith
7:15 – 7:45	<b>Semi-Annual Compliance Plan Report</b>	Mr. Mark Stough
7:45 – 8:00	<b>Question &amp; Answer Session on the Semi-Annual Compliance Plan Report</b>	Dr. Patti Smith
8:00 – 8:10	<b>Administrative</b>	
	A. BRAC Cleanup Team (BCT) Update	Ms. Norma Landez
	B. Spill Summary Report	Ms. Norma Landez
	C. Documents to TRS/RAB	Ms. Sonja Coderre
	D. RFI Responses	Ms. Sonja Coderre
	E. Action Items	Dr. Patti Smith
	F. Approve December TRS meeting transcript and summary	Dr. Patti Smith
8:10 – 8:25	<b>TAPP Update</b>	Ms. Sonja Coderre
8:25-8:30	<b>Meeting Wrap-up</b>	
	<b>Next RAB Meeting</b>	
	<i>Location to be determined: April 19, 2005, 6:30 p.m.*</i>	
	<b>Next TRS Meeting</b>	
	<i>Environmental Health and Wellness Center: May 10, 2005, 6:30 p.m.*</i>	
8:30	<b>Adjournment</b>	

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

# Kelly Restoration Advisory Board (RAB)

## Technical Review Subcommittee (TRS)

### Meeting Agenda\*

May 10, 2005, 6:30 p.m.

Environmental Health & Wellness Center

911 Castroville Road  
(formerly Las Palmas Clinic)

- |             |   |                                     |
|-------------|---|-------------------------------------|
| 6:30 - 6:40 | Introduction  | Dr. David Smith                     |
|             | A. Agenda Review  |                                     |
|             | B. Packet Review  |                                     |
| 6:40 - 7:00 | Administrative  |                                     |
|             | A. Approve December TRS Meeting Summary, February TRS Meeting Summary and March TRS Meeting Minutes | Dr. David Smith                     |
|             | B. BRAC Cleanup Team (BCT) Update   | Ms. Norma Landez                    |
|             | C. Spill Summary Report   | Ms. Norma Landez                    |
|             | D. Documents to TRS/RAB   | <i>Please refer to your packets</i> |
|             | E. RFI Responses  | <i>Please refer to your packets</i> |
|             | F. Action Items   | Dr. David Smith                     |
| 7:00 - 7:20 | Zones 2/3 Update  | Mr. Don Buelter                     |
| 7:20 - 7:30 | Question & Answer Session on the Zones 2/3 Update   | Dr. David Smith                     |
| 7:30 - 7:45 | Update on Building 361  | Mr. Jack Shipman                    |
| 7:45 - 7:55 | Question & Answer Session on the Update on Building 361   | Dr. David Smith                     |
| 7:55 - 8:00 | Meeting Wrap-up   |                                     |
|             | Special RAB Meeting   |                                     |
|             | 485 Quentin Roosevelt, Room 723: June 14, 2005, 6:30 p.m.*  |                                     |
|             | Next RAB Meeting  |                                     |
|             | <i>Location to be determined: July 19, 2005, 6:30 p.m.*</i>   |                                     |
| 8:00        | Adjournment   |                                     |

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



DEPARTMENT OF THE AIR FORCE  
AIR FORCE REAL PROPERTY AGENCY

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

NOV 07 2005

Dear Kelly Restoration Advisory Board Members

The following is an action items report for the 18 October 2005 Restoration Advisory Board (RAB) meeting.

1. *Mr. Quintanilla requested a listing of all costs associated with the Class 3 Modification.*

Costs involved for the Class 3 Modification are as follows:

- TCEQ permit application fee: \$1050.00
- Contract amount: \$183,890.00

2. *Mr. Quintanilla requested a report of the costs of each item in Zone 4/5 treatment systems.*

These slides were presented by Mr. Don Buelter during the AFRPA update at the 14 June 2005 Special RAB meeting. Mr. Buelter also gave a presentation to the Kelly RAB 9 August 2005, which included costs of each item in the Zone 4 and Zone 5 treatment systems.. A copy of these slides is included at Attachment 1.

3. *Mr. Silvas asked for the public comment deadline for the Class 3 public meeting.*

Processing a Class 3 Modification may take up to 450 days. The process for submitting a Class 3 modification is set out in 30 Texas Administrative Code (TAC) §305.69 (d).

The Class 3 Modification is currently undergoing administrative review with the Texas Commission on Environmental Quality (TCEQ). Upon determination the application is administratively complete, in accordance with 30 TAC §39.509 and 30 TAC §39.418, AFRPA must publish a *Notice of Receipt of Application and Intent to Obtain Permit* in a major local newspaper of general circulation. Public comment period will begin on the date this notice is published and include details for the public meeting.

After the initial public meeting, the Class 3 Modification will undergo technical review by TCEQ until a draft permit modification is developed. Once a draft permit modification is developed, AFRPA will publish a *Notice of Application and Preliminary Decision* in the same newspaper as the *Notice of Receipt of Application and Intent to Obtain Permit* was published. The public comment period for the Class 3 Modification will be 45 days from the date this notice is published.



4. *Mr. Silvas suggested Brooks be brought in to brief the RAB on the ALS report.*

As outlined in the Department of Defense (DoD) and United States Environmental Protection Agency (EPA) *Restoration Advisory Board Guidelines*, September 1994, DoD should refer non-restoration issues to the appropriate offices at the installation or to alternative forums more appropriate for the issue. The *Case Series Investigation of ALS (Lou Gehrig's Disease) Among Former Kelly Air Force Base Workers* is outside the scope of the Kelly environmental restoration program. As outlined in the *Management Guidance for the Defense Environmental Restoration Program (DERP)*, a RAB may only address issues associated with environmental restoration activities under the DERP. Environmental groups or advisory boards that address issues other than environmental restoration activities are not RABs.

AFIOH provided Kelly RAB members a copy of a bilingual fact sheet at the 18 October 2005 RAB meeting. This fact sheet provided the following information, "Should you wish more information, the USAF Point of Contact will be: Brooks City-Base Public Affairs, (210) 536-3234."

5. *Mr. Silvas requested the approval of signed minutes, December 2004 – September 2005, be included as an agenda item for the November Executive Committee meeting.*

The approval of signed minutes, December 2004 through September 2005, will be included as an agenda item during the next Executive Committee meeting.

6. *Mr. Silvas requested Dr. Wilma Subra be given the opportunity to provide her presentation at no fee to the RAB at a meeting or at a separate venue.*

The participation of Dr. Wilma Subra at an upcoming meeting will be included as an agenda item during the next Executive Committee meeting.

7. *Mr. Quintanilla requested a briefing of the Community Involvement Plan be given at the January 2006 RAB Meeting.*

A briefing of the former Kelly Air Force Base (AFB) Community Involvement Plan (CIP) is scheduled on the 10 January 2006 RAB meeting agenda. Also included on this agenda is the appointment of the 2006 community co-chair.

8. *RAB Members requested the following information regarding the GWTP spill 5 October 2005.*

- *Briefing by Bill Hall*
- *Documentation and sampling data at Bldg. 3837 regarding water spill 5 October 2005*
- *Number of gallons spilled?*
- *Date and Time spill began?*
- *Amount of hours the spill was taking place?*
- *How is AFRPA able to measure the amount of gallons lost?*

- *How can AFRPA determine what time the spill began?*
- *What are previous procedures for possible system failures?*
- *What system failures occurred?*
- *What corrective actions are being taken?*
- *Copy of report being prepared by AFRPA for TCEQ*
- *How was Bldg. 3837 decontaminated?*
- *Contamination levels of untreated vs. post-treated water*
- *Data of raw water.*

Mr. Bill Hall will provide answers to these questions during the Spill Report Update at the 8 November 2005 Technical Review Subcommittee (TRS) meeting, taking place at the Environmental Health & Wellness Center, 911 Castroville Road, San Antonio, TX 78237.

Thank you for your service as members of the Kelly Restoration Advisory Board.

Sincerely



ADAM G. ANTWINE  
Senior Representative

Attachments:

Zone 4/5 Treatment Systems slides  
ALS Fact Sheet – Overview of Findings



## Zone 4 Treatment Systems

U.S. AIR FORCE

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

*Integrity - Service - Excellence*

3



## Zone 5 Treatment Systems

U.S. AIR FORCE

Selected Alternative	~ Cost	Installed?
Plume A – PRB – B1530	\$1,500,000	Installed
Plume A – Enhanced Bioremediation	\$300,000	Phase 2 this Fall
Plume B – 34 <sup>th</sup> Street PRB	\$1,400,000	Installed
Plume C – Excavation, SVE and P&T	\$1,790,000	Installed
Plume D – Enhanced Bioremediation	\$300,000	Installed
Plume F – MNA	\$0	Installed
Plume H – MNA	\$0	Installed
Plume J – MNA	\$0	Site Closed
Plume K – MNA	\$0	Installed

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CASE SERIES INVESTIGATION OF ALS (Lou Gehrig's Disease)  
 AMONG FORMER KELLY AIR FORCE BASE WORKERS

FACT SHEET - OVERVIEW OF FINDINGS

In response to community concerns regarding perceived links between having worked at Kelly AFB and Amyotrophic Lateral Sclerosis (also known as "ALS" or "Lou Gehrig's Disease"), the U.S. Air Force investigated a list of ALS cases identified by the South Texas Chapter of the ALS Association.

Survey information was collected on 93 persons and was compared with ALS cases in the U.S. in such areas as: the course of the disease; medical history; and, behavior history (recreation, immunizations, infections or traumas, use of tobacco products, use of alcohol, etc). The South Texas Chapter ALS cases were found to be similar to other adult ALS cases in the U.S.

The ALS case series and the previous mortality study involved former Kelly AFB workers who worked in different jobs and in different buildings. The mortality study, which involved deaths among civilian workers who had worked at Kelly AFB and died between 1981 and 2000, did not find any elevated risks of death from Motor Neuron Disease (including ALS) when compared with both the Texas and U.S. general populations.

Comparisons of findings of this ALS case series review and the earlier mortality study were not possible because of differences in the study objectives and study designs. Because of the method used to create the ALS case series list, the ALS incident rate and/or risk calculations to see if more ALS cases occurred among former Kelly workers than might be expected could not be made. However, summary descriptions of the 93 cases on whom data was collected have been included in this report and will be added to the scientific/medical literature on ALS.

Further analyses of those 93 ALS cases who worked at Kelly could be done by other scientists in the future. Studies might also be done on individuals who worked in a civilian or military capacity. The study also identified the number of ALS cases who were war veterans. It is hoped that these insights may be useful to others for considering needs for further study.

Should you wish more information, the USAF Point of Contact will be:	Brooks City-Base Public Affairs Phone: 210-536-3234
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Copies of the complete study are available:

On the web	In the community	
<ul style="list-style-type: none"> <li>▪ <a href="http://airforcemedicine.afms.mil/afiohtechpubs/">http://airforcemedicine.afms.mil/afiohtechpubs/</a></li> <li>▪ <a href="http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb_037347.pdf">http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb_037347.pdf</a></li> </ul>	San Antonio Central Library: 600 North Soledad, 2nd Floor City of San Antonio Environmental Health and Wellness Center: 911 Castroville Road	JF Kennedy High School Library, Las Palmas Library, Memorial Library, Pan American Library

INVESTIGACION SOBRE CASOS DE ALS (La enfermedad de Lou Gehrig)  
ENTRE TRABAJADORES QUE LABORARON EN LA BASE DE LA FUERZA AEREA DE LOS  
ESTADOS UNIDOS KELLY

HOJA DE DATOS - RESUMEN DE LOS RESULTADOS

Respondiendo a las preocupaciones en la comunidad sobre la relación entre haber trabajado en la base Kelly de la Fuerza Aérea de los Estados Unidos (Kelly AFB) y la enfermedad Amyotrophic Lateral Sclerosis (también conocida como ALS por sus siglas en Inglés o la enfermedad de Lou Gehrig) la Fuerza Aérea de los Estados Unidos colaboro en una investigación en base de una lista de casos proveídos por el Capitulo de la Asociación de ALS en el Sur de Texas (South Texas Chapter of the ALS Association).

Encuestas se utilizaron para obtener información sobre 93 personas y se compararon con casos de ALS en los Estados Unidos. Las áreas de comparación incluyen: el transcurso de la enfermedad, la historia médica y del comportamiento de los individuos (recreo, inmunización, infecciones o traumas, el uso de tabaco y/o alcohol, etc.). Los casos presentados por el Capitulo de la Asociación de ALS en el Sur de Texas (South Texas Chapter of the ALS Association) resultaron similares a otros casos de ALS entre adultos en los Estados Unidos.

Los casos de ALS y un estudio de mortalidad hecho previo a este estudio envuelven empleados que trabajaron en Kelly AFB pero en faenas distintas y en edificios distintos. El estudio de mortalidad, compuesto de muertes entre empleados no-militares que trabajaron en Kelly AFB y murieron entre el 1981 y el 2000, no encontró ningún tipo de riesgo elevado de enfermedades Motora-Neuronas (Motor Neuron Disease) (incluyendo ALS) al comparar las poblaciones de Texas y la población en general de los Estado Unidos.

No fue posible comparar los casos de ALS con el estudio de mortalidad previamente hecho debido a las diferencias entre los objetivos de los estudios y por las diferencias en que los estudios fueron elaborados. Debido al método utilizado para crear la lista de casos de ALS, la tasa de incidencia y/o el cálculo de riesgo para determinar si más casos de ALS ocurrieron entre aquellos que trabajaron en Kelly AFB no se pudieron hacer. No obstante, descripciones resumidas de los 93 casos de ALS en los cuales se obtuvo la data están incluidos en esta hoja de datos y serán añadidos a la literatura medica/científica sobre ALS.

Análisis de los 93 casos de ALS que laboraron en Kelly AFB se podrían hacer en el futuro. Se podrían estudiar a los individuos que laboraron en capacidad de militar o empleado civil. Este estudio también identifico el número de casos de ALS en que los afectados fueron veteranos de guerra. Es nuestro deseo que estos resultados se consideren y sean de utilidad a aquellos que deseen continuar estudiando este tema.

Para mas información comuníquese con:

Si desea mas información la fuente de información sobre este asunto para la Fuerza Aérea de los Estados Unidos (USAF) es::

Brooks City-Base Public Affairs  
Phone: 210-536-3234

Copias del Estudio completo están disponibles:

En el Internet	En la comunidad	
<ul style="list-style-type: none"> <li>▪ <a href="http://airforcemedicine.afms.mil/afiohtechpubs/">http://airforcemedicine.afms.mil/afiohtechpubs/</a></li> <li>▪ <a href="http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb_037347.pdf">http://airforcemedicine.afms.mil/idc/groups/public/documents/afms/ctb_037347.pdf</a></li> </ul>	<p>San Antonio Central Library: 600 North Soledad, 2nd Floor</p> <p>City of San Antonio Environmental Health and Wellness Center: 911 Castroville Road</p>	<p>JF Kennedy High School Library, Las Palmas Library, Memorial Library, Pan American Library</p>

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# **Air Force Real Property Agency**

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## **October 5, 2005 Groundwater Treatment Plant Spill**



*Mr. Bill Hall*

*AFRPA O&M Manager*

*TRS Meeting - November 8, 2005*

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# **U.S. AIR FORCE**

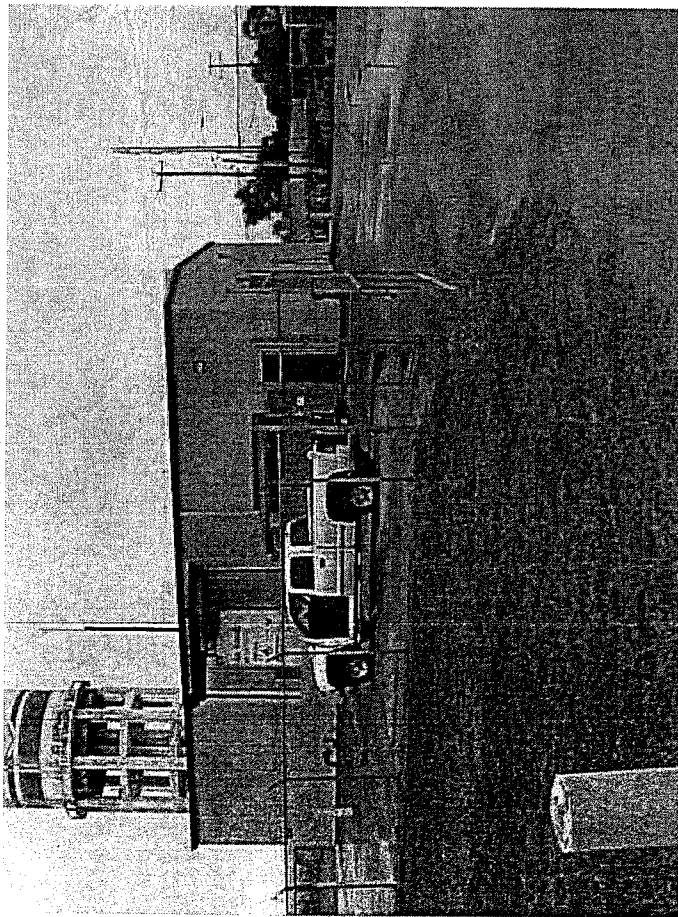
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# Groundwater Treatment Plant Spill

U.S. AIR FORCE

- **East Kelly**
  - 3837 Eastern Rd
  - Operations began 2000
  - 2000 - 2005
    - Run Time 97%+
    - Treated 700 Million Gallons
      - Authorized to discharge to Six Mile Creek
- **Current Flow**
  - Normal 150 GPM (4 Recovery Wells Operating)
- **Day of spill**
  - ~90 GPM
    - One of the four wells shut down causing a low flow alarm and shut down the UV/OX system

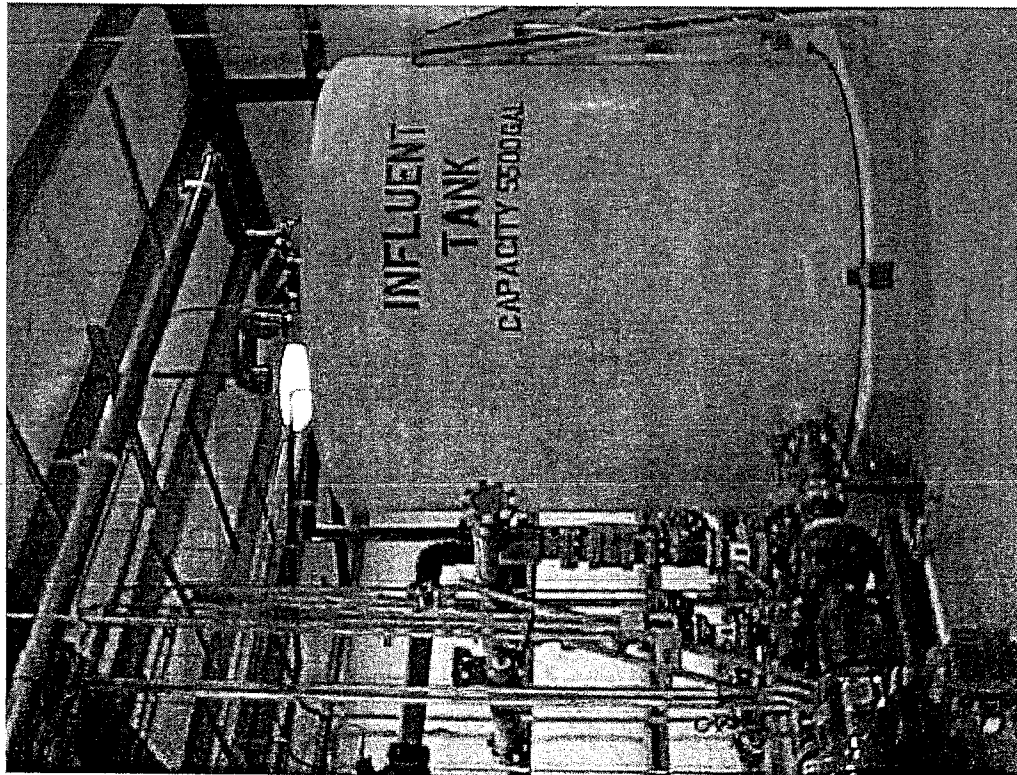


Morning of 6 October 2005



# Groundwater Treatment Plant Spill

U.S. AIR FORCE



## ■ Influent Tank

### ■ Normal

- Receives water as it arrives from field.
- Has high level alarm/shutoff switch connected to the computer.
- Water hits high level alarm; computer shuts down recovery wells in field.

### ■ Spill Day

- Computer fails to shut down the recovery wells.
  - After resetting the computer the system was tested and the computer shut down the system properly.
- Tank overflows





# Groundwater Treatment Plant Spill

## U.S. AIR FORCE

- **Chain of Events – 6 October 2005**
  - **0730 O&M Contractor arrives at plant and sees spill.**
    - *Immediately shuts down system and well fields.*
    - *Notifies Field Manager (David Poole) of Spill who notifies AFRPA Project Manager (Bill Hall).*
    - *Mr. Poole and Mr. Hall began Investigation of*
      - **Extent of spill around Plant**
      - **Cause of the spill**
    - **Begin Clean up**
  - **Removed water in building and took to Zone 2 Treatment Plant for disposal/treatment**
  - **Washed down Building with potable water.**
  - **Wash water taken to Zone 2 plant for disposal**
- **Telephone Notification to TCEQ Region 13 Office**



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# Preventive Measures

*All Level alarms currently go through the Computer*

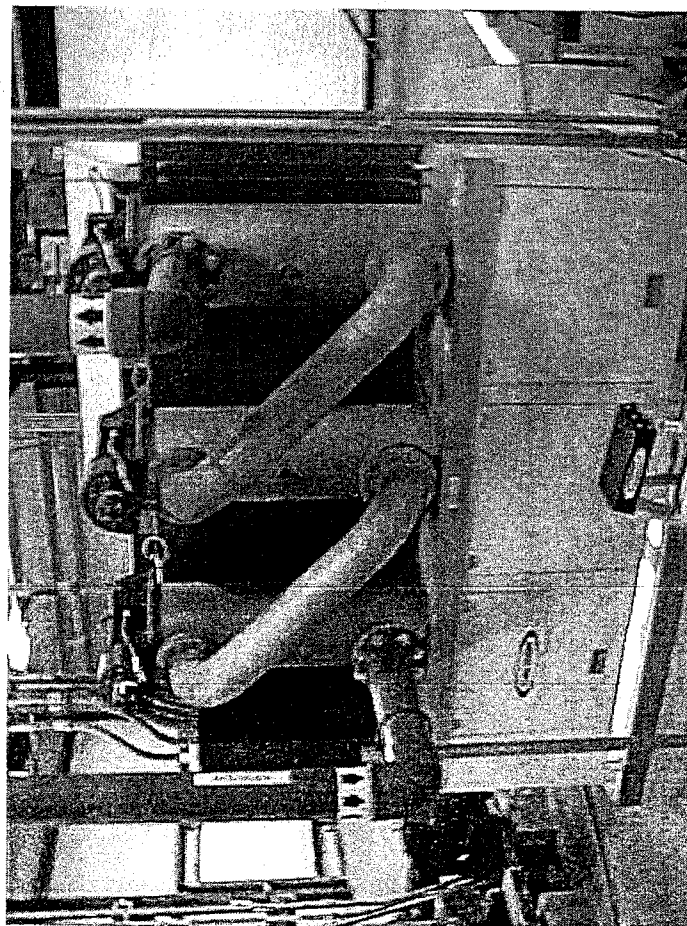
- *All Tanks have High Level alarms to shut off the system if water level exceeds safe level in tank.*
- *Sump in floor has High Level indicator to shut off the system if water on the floor reaches a high level.*
- *Phone Alert System dials project team if necessary when system goes down and in alarm.*
- *Being added*
- *Phone Alert System routed through Zone 2 plant as backup if phone at Zone 4 goes down.*
- *Mechanical switches added to shut system down even if computer is off/not functioning.*



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# What We Know Happened

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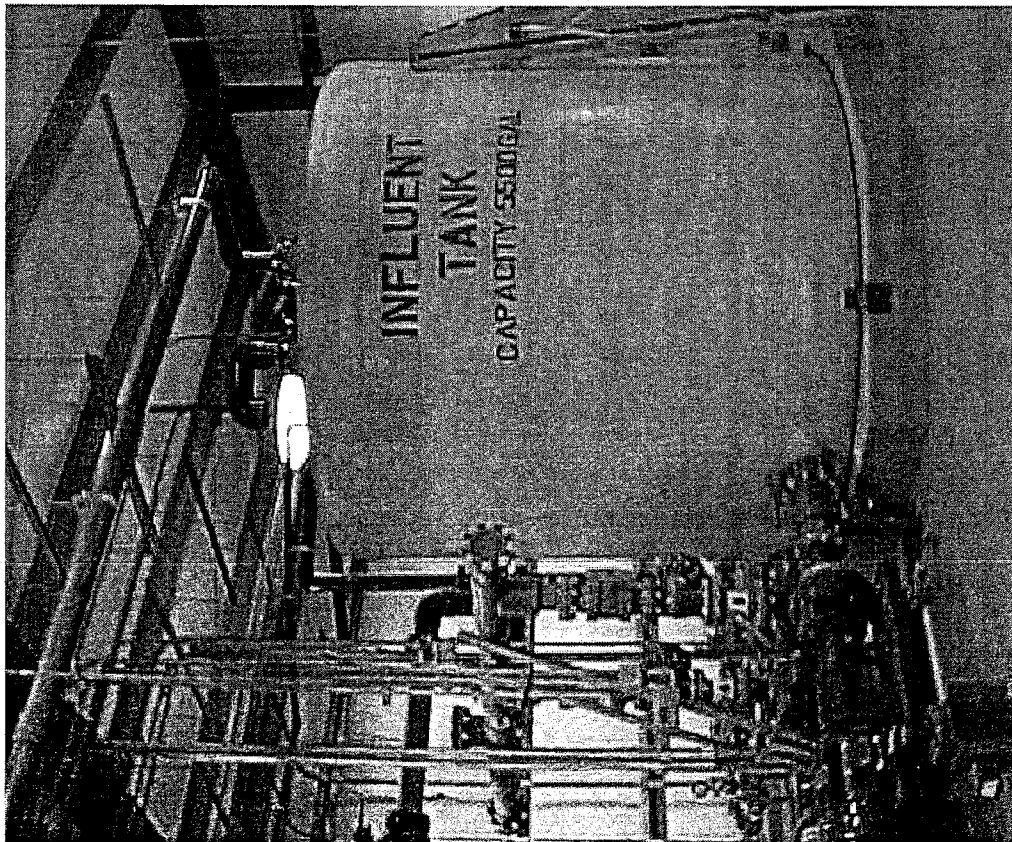


- 11:00 PM 5 Oct 05 UV/OX skid shuts down because of low flow. Time is recorded in the computer system.
- Recovery System is not shut down at computer.
- Groundwater from recovery wells continues to arrive at plant.



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# What We Know Happened

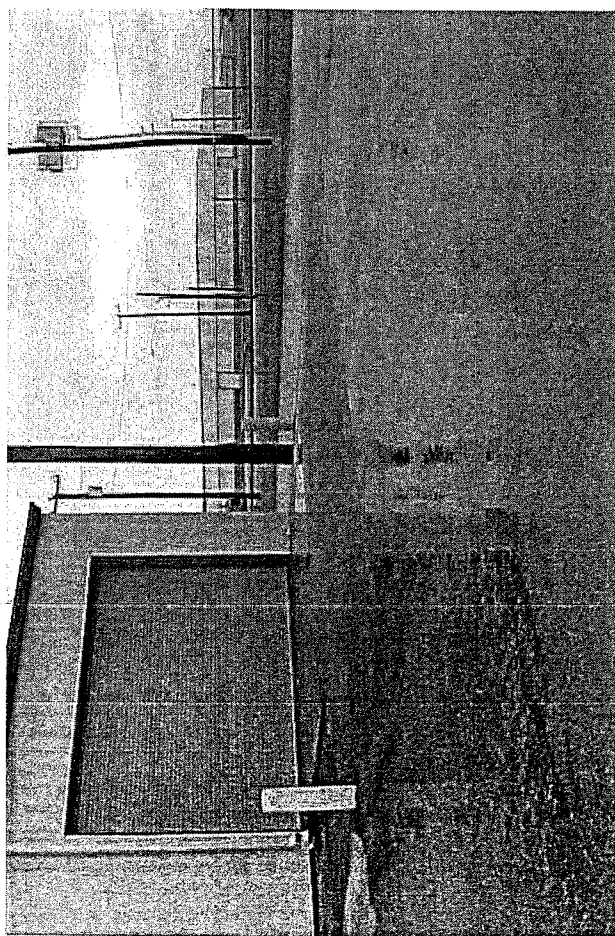


- 45,900 Gallons released (8.5 hrs X 90 gpm)
- Building can contain 9,300 gallons.
- 36,600 gallons released outside of building.

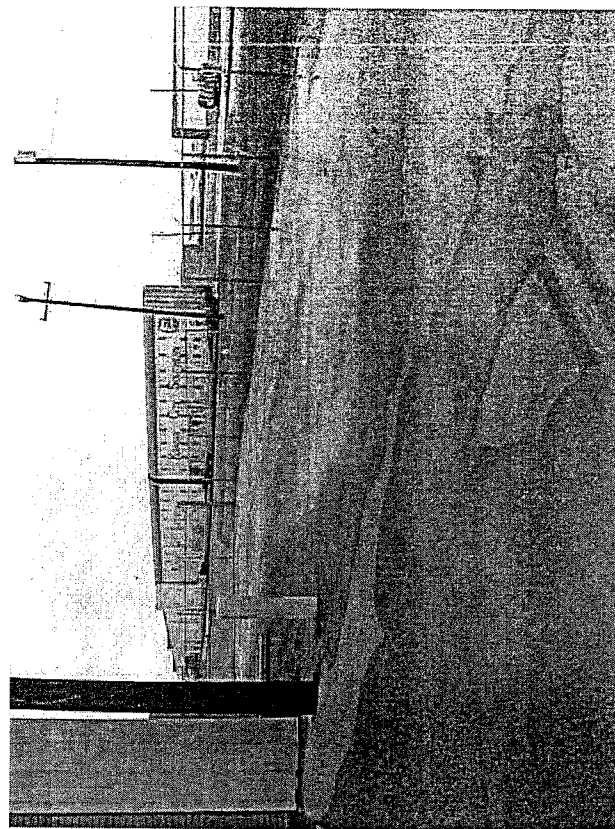


# Groundwater Treatment Plant Spill

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East Side of Building

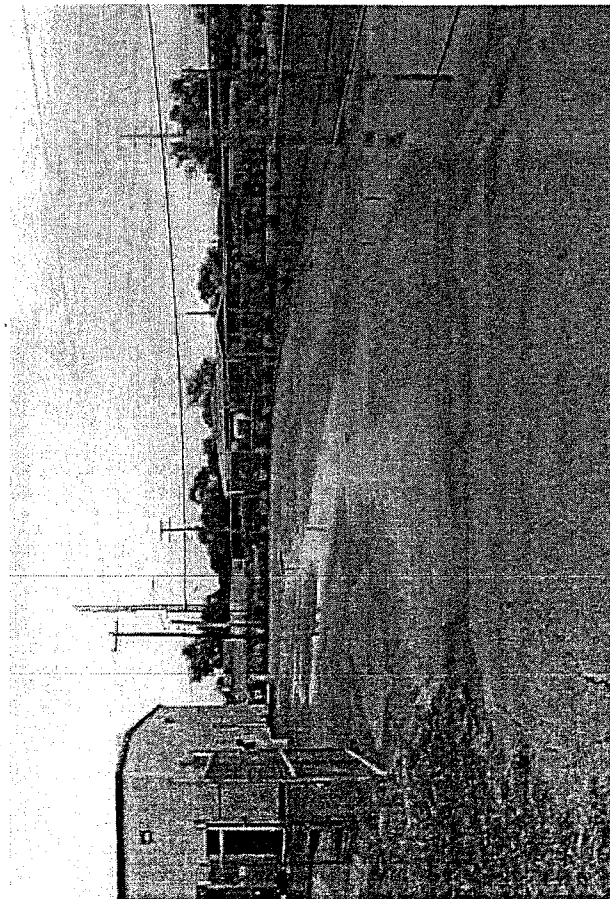


North Side of Building

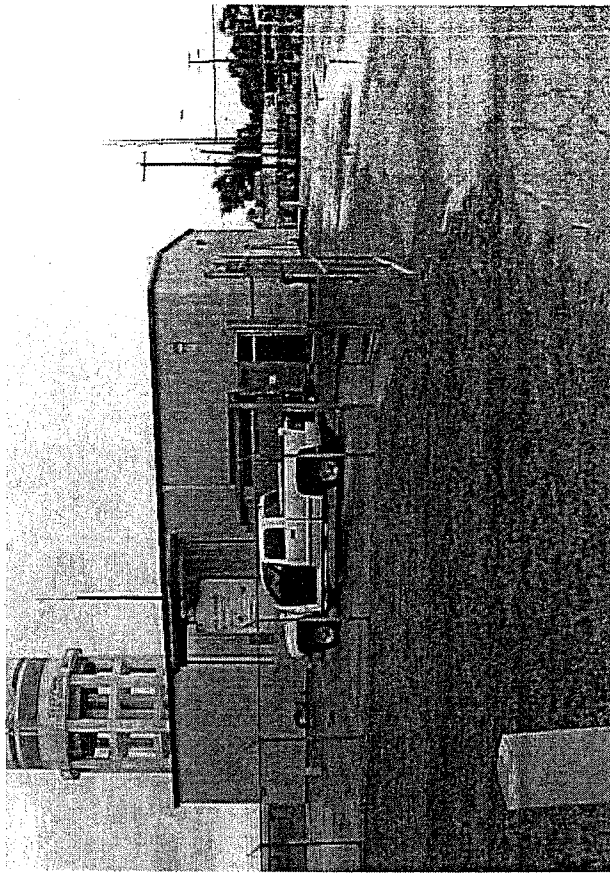


# Groundwater Treatment Plant Spill

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South Side of Building



West Side of Building

10/21/05

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# Groundwater Treatment Plant Spill

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## Monthly Influent Groundwater Concentrations to Zone 4 Plant

CHEMICALS OF CONCERN	TCEQ Limits Day Avg/Day Max	UNITS	May-05	Jun-05	Jul-05	Aug-05	Sep-05	Oct-05
PCE	27/56	ug/L	5	5	4	5	9	5
TCE	26/54	ug/L	6	5	5	6	18	9
TOTAL DCE	25/54	ug/L	4.2	3.2	3.2	3.3	4.5	3
VC	11/23	ug/L	ND	ND	ND	ND	ND	ND

*Groundwater influent concentrations meet the allowable discharge requirements of the permit.*

# ***Air Force Real Property Agency***

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## **Class 3 Modification to Compliance Plan 50310**

### **Zones 4 & 5 Corrective Measures Implementation Work Plan**



***TRS Meeting - November 8, 2005***

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**U.S. AIR FORCE**





## CLASS 3 MODIFICATION

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- TCEQ approved the Zone 4 and Zone 5 CMSs April 2005
- Compliance Plan Section VIII.F., Corrective Measures Implementation (CMI) requires submittal of the CMI Workplan within 180 days of receipt of approval of the Corrective Measures Study (CMS)
- CMI Workplan must be submitted as part of a modification to the Compliance Plan
- 30 Texas Administrative Code (TAC) 305.69(k), Appendix 1, addition of a corrective action program to the Compliance Plan requires a Class 3 Modification



# ZONE 5 REMEDIAL SYSTEMS

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Selected Alternative	Site	Status
Plume A – PRB – B1530	SS050 Zone 5 Groundwater	Installed
Plume A – Enhanced Bioremediation	SS050 Zone 5 Groundwater	Installed
Plume B – 34 <sup>th</sup> Street PRB	SS050 Zone 5 Groundwater	Installed
Plume C – Excavation, SVE and P&T	SS003 Site S-1	Installed
Plume D – Enhanced Bioremediation	SS050 Zone 5 Groundwater	Installed
Plume F – MNA	SS050 Zone 5 Groundwater	Installed



## REGULATORY PROCESS

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- When the technical review is complete, TCEQ files the preliminary decision and draft permit with the chief clerk's office
- TCEQ then requests Kelly AFB to publish the Notice of Application and Preliminary Decision (30 TAC 39.419)
- The notices will include instructions to submit comments on the modification, the preliminary decision, and the draft permit and requests for hearing. The end of the public comment period is included in the second notice.

# ***Air Force Real Property Agency***

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## **Class 3 Modification to Compliance Plan 50310**

### **Zones 4 & 5 Corrective Measures Implementation Work Plan**



**TRS Meeting – November 8, 2005**



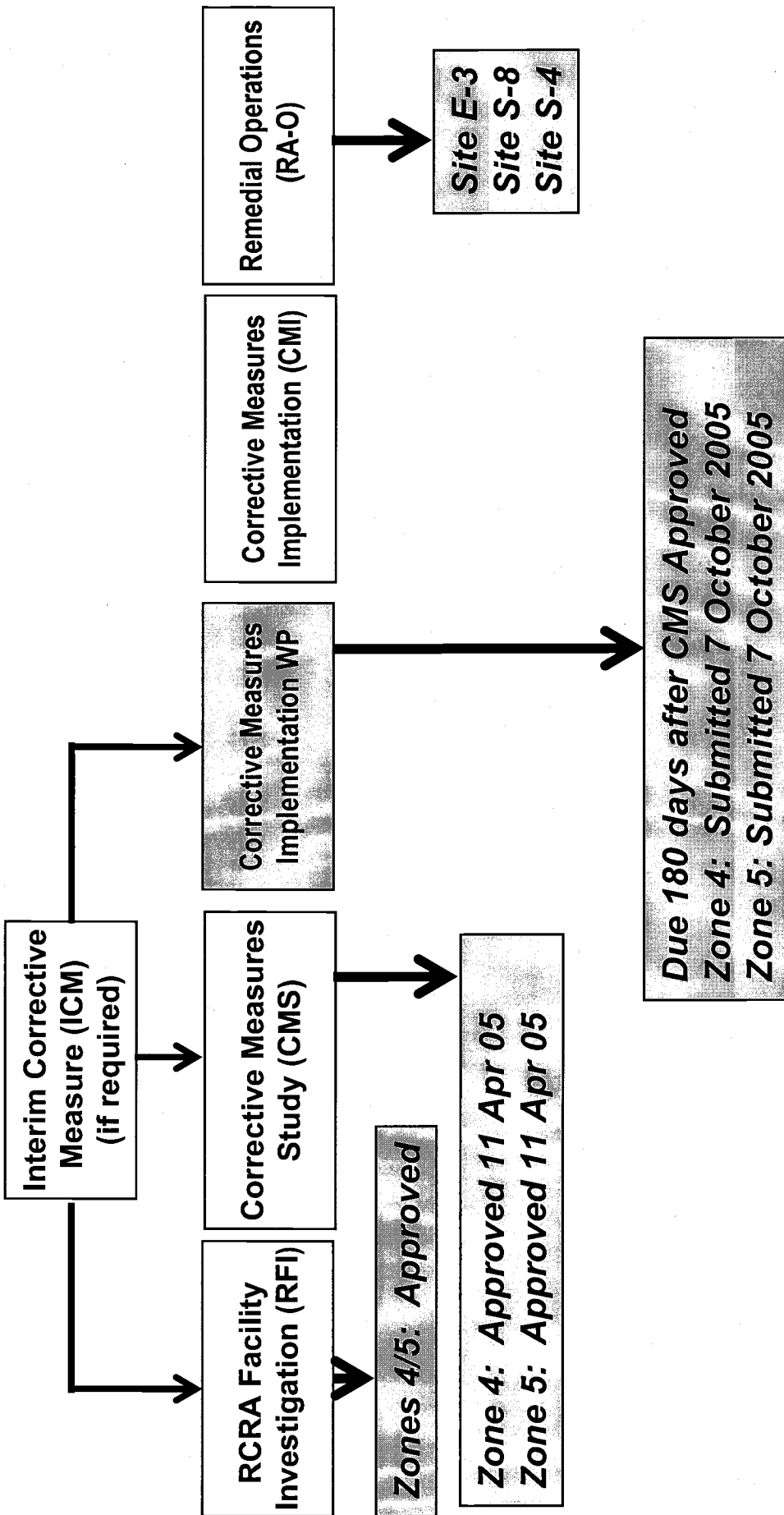
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# **U.S. AIR FORCE**



# CURRENT STATUS OF ZONES 4 & 5

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## CLASS 3 MODIFICATION

- TCEQ approved the Zone 4 and Zone 5 CMSs April 2005
- Compliance Plan Section VIII.F., Corrective Measures Implementation (CMI) requires submittal of the CMI Workplan within 180 days of receipt of approval of the Corrective Measures Study (CMS)
- CMI Workplan must be submitted as part of a modification to the Compliance Plan
- 30 Texas Administrative Code (TAC) 305.69(k), Appendix 1, addition of a corrective action program to the Compliance Plan requires a Class 3 Modification



# ZONE 4 REMEDIAL SYSTEMS

**U.S. AIR FORCE**

Selected Alternative	Site	Status
Horizontal Wells along East Kelly Boundary	SS052 Zone 4 Groundwater	Installed
SS051 Source – Enhanced Bioremediation	SS051 Zone 4	Installed
Commercial Street Permeable Reactive Barrier	SS052 Zone 4 Groundwater	Installed
Malone St. (UPRR) Permeable Reactive Barrier		Installed



# ZONE 5 REMEDIAL SYSTEMS

**U.S. AIR FORCE**

Selected Alternative	Site	Status
Plume A – PRB – B1530	SS050 Zone 5 Groundwater	Installed
Plume A – Enhanced Bioremediation	SS050 Zone 5 Groundwater	Installed
Plume B – 34 <sup>th</sup> Street PRB	SS050 Zone 5 Groundwater	Installed
Plume C – Excavation, SVE and P&T	SS003 Site S-1	Installed
Plume D – Enhanced Bioremediation	SS050 Zone 5 Groundwater	Installed
Plume F – MNA	SS050 Zone 5 Groundwater	Installed





# REGULATORY PROCESS

U.S. AIR FORCE

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- **Submittal of Class 3 Modification**
- **Administrative review of Class 3 Modification**
- **Once modification is administratively complete, TCEQ will send letter of the Notice of Receipt of Application and Intent to Obtain Permit (30 TAC 39.418)**
- **Within 30 days of TCEQ declaring application administratively complete, Kelly AFB must publish the notice to include notice of the public meeting**
- **Chief clerk will also mail notice to those listed in §39.413**



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## REGULATORY PROCESS

- When the technical review is complete, TCEQ files the preliminary decision and draft permit with the chief clerk's office
- TCEQ then requests Kelly AFB to publish the Notice of Application and Preliminary Decision (30 TAC 39.419)
- The notices will include instructions to submit comments on the modification, the preliminary decision, and the draft permit and requests for hearing. The end of the public comment period is included in the second notice.



## Roddy Stinson: Immune Air Force refuses to pay for sunfish/carp/bass carnage

Web Posted: 10/27/2005 12:00 AM CDT

San Antonio Express-News

The Sleuthhound is working overtime ...

**CASE:** "Roddy, please see what you can find out about the brewing war between the Air Force and the Texas Commission on Environmental Quality.

"I'm attaching a document I've obtained that alludes to the hostilities and refers to an 'unauthorized discharge of an industrial waste' into Leon Creek 'during the installation of a permeable reactive barrier at the former Kelly Air Force Base.'

"That's all I know.

"I hope you'll look into it."

**INVESTIGATION:** On Oct. 23, 2004, an investigator for the Texas Commission on Environmental Quality responded to a South Bexar County rancher's report of a fish kill in Leon Creek.

On arriving at the site of the kill, the investigator saw (and subsequently described in a TCEQ report) ...

*"Dead sunfish, carp and bass up to three pounds ... floating in Leon Creek. A dead fish was observed approximately every 10 to 15 ft. of stream length with smaller dead fish observed up in the grass, marking a high-water line from the previous night's storm-water runoff.*

*"All of the dead fish observed were stiff. Turtles and minnows were observed feeding on the dead fish."*

The investigator had no problem identifying the source of the contaminant responsible for the piscine carnage:

*"The location of the fish kill appeared to be adjacent to a soil remediation project associated with Kelly AFB."*

Further investigation by TCEQ and the Air Force determined that a soil-remediation contractor struck a pipe in a trenching area and "released" about 20,000 gallons of guar slurry.

Some of the slurry was washed into Leon Creek during rainstorms on Oct. 20-21, 2004, resulting in the fish kill reported on Oct. 23.

(About the contaminant: Guar is a plant grown for forage and for its seeds, which yield a gum used as a

thickener, binder and stabilizer. Guar slurry is used in soil remediation projects to keep trench walls from collapsing.)

TCEQ subsequently sent the Air Force an "Agreed Order" that (1) described the fish kill, (2) chided Air Force officials for not preventing the "unauthorized discharge of an industrial waste" and (3) assessed a penalty of \$4,500 "for violations of the Texas Water Code and the Texas Health and Safety Code."

That was on July 13.

After mulling over the reprimand for a couple of months, the Air Force issued a response that said, in effect, "Take your \$4,500 penalty and stick it where the sun don't shine."

The official language of the Sept. 13 letter was a bit more diplomatic:

"Due to the federal government's sovereign immunity under the Clean Water Act, the Air Force Real Property Agency is unable to agree with the proposed order ... (and) requests the proposed Agreed Order be administratively resolved or withdrawn."

Gauntlet thrown down.

Gauntlet taken up:

"Because we have been unable to reach agreement, our offer to settle this case is hereby withdrawn," a TCEQ Enforcement Division official responded in a Sept. 22 letter. "Accordingly, your case is being forwarded to the Litigation Division. ...

"An attorney will contact you in the near future."

How "near" wasn't specified.

No additional action has been taken.

And the "war" is on hold while TCEQ litigators consider the agency's next move.

Meanwhile, the Air Force remains sovereignly immune.

Its contractors remain federally protected.

And the turtles and minnows in Leon Creek continue to lick their lips and dream of banquets of sunfish, carp and big, fat, yummy bass.

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*To contact Roddy Stinson,*

*call (210) 250-3155 or e-mail [rstinson@express-news.net](mailto:rstinson@express-news.net). His*

*column appears on Sundays,*

*Tuesdays and Thursdays.*

**FINAL PAGE**

**ADMINISTRATIVE RECORD**

**FINAL PAGE**