



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3295

KELLY AIR FORCE BASE TECHNICAL REVIEW SUBCOMMITTEE
MEETING AGENDA

Tuesday, 11 May 1999, 7:00 P.M.

Winston Elementary School, 2500 S. General McMullen Dr.

<u>Topic</u>	<u>Time</u>	<u>Presenter</u>
I. Introduction Agenda Review and Handouts	7:00 - 7:05	Dr Lene'
II. Document Reviews: a) Basewide Groundwater Flow Model (HGL) b) RCRA Facility Investigation Work Plan-- 300 Area	7:05 - 8:15	KAFB
III. Administrative a) BCT Update b) Spill Summary Report c) Documents to TRS/RAB. d) Location/Time of Next TRS Meeting	8:15 - 8:30	Dr Lene'
IV. Adjournment	8:30	All

MEMORANDUM FOR TRS MEMBERS

FROM : SA-ALC/EMR

SUBJECT: TRS and TAPP Meetings

TRS Members

The next TRS will be held at Winston Elementary School, 2500 S. Gen. McMullen Dr, on 11 May 99, starting at 7pm. The change was necessary so that we could accommodate the public meeting for Site S-1 scheduled on the same evening starting at 4pm at the school. Changing the location gives TRS members an opportunity to go to both events. A separate notice will be advertised on the S-1 meeting.

The TRS agenda for May is included in the following. Also, a special TAPP meeting for the TRS is scheduled for Monday evening, 6:30 pm, on 26 Apr 99, St. Mary's University. The contractor, Clearwater Revival, will be present for the TAPP project kick-off. Please attend.

Please let me or Dr. Lene' know if you have any questions

Sincerely

THOMAS P. DEVENOGE, Major, USAF, BSC
Deputy, Environmental Restoration Division

May 1999

MEETING MINUTES

KELLY AFB TECHNICAL REVIEW SUBCOMMITTEE (TRS) TO THE RESTORATION ADVISORY BOARD (RAB) 11 MAY 99, WINSTON ELEMENTARY SCHOOL

I. Introduction

The TRS Meeting began at 1910 hours. Attachment 1 is the attendance. Documents delivered to the TRS are specified in atch 2.

II. Document Reviews

a) **Basewide Flow Model:** Mr. JL Jones, Unitec contractor working for Kelly AFB, presented the final draft report from Hydrogeologic on the basewide groundwater flow model. The model will be used by all restoration contractors on Kelly AFB. Contractors were provided an opportunity to comment on this model.

b) **RCRA Facility Investigation Work Plan -- 300 Area:** Ms. Norma Landez from Kelly AFB Restoration Division presented the ongoing project regarding the industrial area of the base and the ongoing investigation for environmental contamination associated with solid waste management units (SWMUs). A copy of the presentation is included as atch 3.

III. Administrative

a) **BCT Update:** Major de Venoge provided an update of the BRAC Cleanup Team meeting held the same day (11 May). Key items discussed at the BCT were presented at the TRS. All handouts were mentioned and copies will be provided to the RAB community co-chair.

b) **Spill Summary Report:** There were no reportable spills for the month of April 1999. The report is at atch 4.

c) **Documents to the TRS/RAB:** Atch 2.

d) **Next TRS:** 8 Jun 99, 6:30pm, St. Mary's, Garni Science Hall

e) **Other Administrative items:**

1. **TRS member list:** Dr. Lene handed out the TRS member list and asked for comments/corrections

IV. Adjournment

The TRS adjourned at approximately 8:45 pm.

Attachments:

1. Attendance
2. Documents list
3. Presentation Slides
4. Spill Summary Report

#30S
MINUTAS DE LA JUNTA

SUBCOMITÉ DE REVISIÓN TÉCNICA (TRS, POR SUS SIGLAS EN INGLÉS) DE
LA BASE DE LA FUERZA AÉREA KELLY

PARA LA JUNTA ASESORA DE RESTAURACIÓN DE KELLY (RAB, POR SUS
SIGLAS EN INGLÉS)

11 de mayo de 1999, ESCUELA WINSTON ELEMENTARY SCHOOL

I. Introducción: La junta del TRS se inició a las 19:10. El Documento Adjunto # 1 es el informe de asistencia. Los documentos entregados al TRS se especifican en el Documento Adjunto # 2.

II. Revisión de Documentos:

A) Modelo de Flujo en toda la Base: El Sr. JL Jones, contratista de Unitec, quien trabaja para la Base Aérea Kelly, presentó el informe final en borrador de hidrogeología del modelo de flujo de agua subterránea en toda la base. El modelo lo usarán todos los contratistas de restauración en la Base Aérea Kelly. Se les proporcionará a los contratistas la oportunidad para que hagan sus comentarios sobre el modelo.

B) Plan de Trabajo de la Investigación de las Instalaciones RCRA (por sus siglas en inglés) – Área 300: La Srta. Norma Landéz de la División de Restauración de la Base Aérea Kelly presentó el proyecto en curso sobre el área industrial de la base y la investigación actual de contaminación ambiental relacionada con las unidades de manejo de desperdicios sólidos (SWMU, por sus siglas en inglés). Se ha incluido una copia de la presentación como el Documento Adjunto # 3.

III. Puntos Administrativos:

A. Actualización del Equipo de Limpieza BRAC (BCT por sus siglas en inglés): El Mayor Tom de Venoge proporcionó información sobre los avances de la junta del BCT que se llevó a cabo en esta misma fecha (11 de mayo de 1999). Los puntos más importantes que se trataron en el BCT se presentaron ante el TRS. Se mencionaron todos los folletos y se le entregarán copias al Copresidente representando a la comunidad del RAB.

B. Informe del Resumen de Derrames: No hubo derrames reportables en el mes de abril de 1999. El Informe es el Documento Adjunto # 4.

C. Documentos que se entregaron al TRS /RAB: Documento Adjunto # 2.

D. Siguiete Junta del TRS: Será a las 6:30 p.m. del día 8 de junio de 1999 en el Garni Science Hall, de la Universidad de St. Mary.

E. Otros Puntos Administrativos:

1. Lista de los miembros del TRS: El Dr. Lené entregó la lista de los miembros del TRS y pidió que se hicieran comentarios o correcciones.

IV. Cierre de la Sesión: Se cerró la junta del TRS aproximadamente a las 8:45 p.m.

VI. Documentos Adjuntos:

1. Lista de Asistencia
2. Lista de Documentos
3. Transparencias de la Presentación
4. Informe del Resumen de Derrames



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS SAN ANTONIO AIR LOGISTICS CENTER (AFMC)
KELLY AIR FORCE BASE, TEXAS

17 1 MAY 1999

MEMORANDUM FOR REMEDIAL ACTION BOARD/TECHNICAL REVIEW
SUBCOMMITTEE (RAB/TRS)

FROM: SA-ALC/EMQC
307 Tinker Drive, Bldg. 306
Kelly AFB, TX 78241-5917

SUBJECT: Monthly Spill Report for April 1999

There have been no reportable quantity or otherwise notable spills for the month of April 1999. Should you have any further questions or require additional information, please contact Mr. Jerry Pantoja at 925-3100 ext. 310 or email jerrypantoja@kelly.af.mil.

Sincerely

CHARLES WILLIAMS
Chief, Environmental Compliance Division

TR
11 MAY 99

BASEWIDE FLOW MODEL

- 1. Purpose and Objective
- 2. General Outline of Report
- 3. Site Conceptual Model
- 4. Model Construction
- 5. Code
- 6. Calibration

BASEWIDE FLOW MODEL

- 1. Explains how modeler selects parameter values
- 2. Assumptions
- 3. Quality Control for IRPIMS database
- 4. Methods for calibration
- 5. Simulation of historical water level values

SITE CONCEPTUAL MODEL

- 1. Depositional environment
- 2. Model must realistically reflect depositional environment
- 3. Accurate distribution of transmissive unit
- 4. Accurate distribution of the lithostratigraphic unit

MODEL CONSTRUCTION

- 1. GENERAL OUTLINE
- 2. GRID SYSTEM
- 3. 300X300FT GRID
- 4. 85 ROWS X 105 COLUMNS
- 5. 8925 GRIDS EACH LAYER
- 6. 4 LAYERS

MODEL CODES

- 1. The code is Modflow-Surfact 2.1
- 2. The software contains various packages
- 3. Table illustrate differences between other software
- 4. Contaminant Fate and Transport
- 5. Variations in mapping of concentration plumes

MODEL CALIBRATION

- 1. It is an iterative process
- 2. Adjustment of model parameters
- 3. Match measured or historical targets

MODEL CALIBRATION

- 1. Basic assumptions
- 2. Input parameter ranges
- 3. Select calibration targets
- 4. Adjustment of parameters until numerical model accurately represents conceptual model


MODEL CALIBRATION

- 1. Generation of mean hydraulic head fields
- 2. Generation of mean hydraulic conductivity fields
- 3. Generation of 3-D hydraulic conductivity field consistent with field measurements
- 4. Primary calibration targets were recharge rates and hydraulic boundary conditions

ZOOM MODEL

- 1. Zoom model has smaller grid size
- 2. Zoom model has various input parameters (geochemical Toc, decay rates)
- 3. Contractor have input function

**RCRA Facility Investigation
of 300 Area SWMUs**



San Antonio Air Logistics Center
ENVIRONMENTAL MANAGEMENT

Norma J. Landez
SA-ALC/EMRI

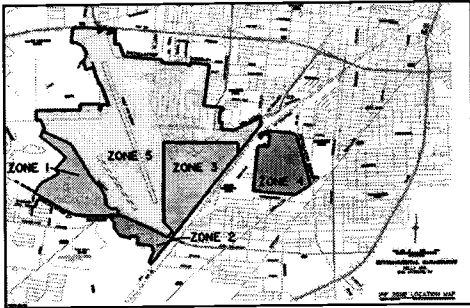
Agenda

- Introduction
- Background
- Project Objectives and Scope
- Site-Specific Discussions
- Project Schedule
- Questions and Comments

Introduction

- Purpose
 - Determine condition of 16 active Solid Waste Management Units (SWMUs); and
 - Effect transfer of units to GKDC and its tenants; or
 - Close the units when no longer needed by the AF

Background



Project Objectives and Scope

- Investigation will
 - generate information to determine the nature and extent of potential site contamination
 - support future assessments, Corrective Measure Studies, site closure or transfer to GKDC
- Implementation Strategy Flowchart
- Field Investigation - Phased Approach
 - 71 soil borings
 - 25 monitoring wells

Project Objectives and Scope

- Reports
 - Field Data Summary Report will be completed after Phase I field investigation.
 - Documents work performed, investigation results, analytical data, maps and figures, data validation report, conclusions, and recommendations for closure vs. Phase II investigation
 - Present to regulators to obtain concurrence before proceeding to closure/Phase II activities

 **Project Objectives and Scope** 

- Reports
 - Closure Report for sites
 - RFI Report

 **Site-Specific Discussion** 

- Phase I - Identification of Potential Releases
 - Soil borings - triangulation with 3 to 4 borings
 - Monitoring wells - establish upgradient and downgradient using existing wells to the extent practicable
 - Soil sampling - 3 to 4 samples per boring
 - Groundwater sampling - 1 sample per monitoring well
 - Analyses - VOCs, SVOCs, Metals, TPH for fuel-related sites; Cyanide

 **Site-Specific Discussion** 

- Phase I - Identification of Potential Releases
 - Evaluation Criteria
 - Extent
 - Closure
- Phase II - Determination of Nature and Extent
- Individual Sites

 **Project Milestones** 

- Final RFI Work Plan - 10 Mar 99
- Complete Phase I Fieldwork - 1 Jun 99
- Brief Field Data Summary Report to Regulators - 24 Aug 99
- Complete Phase II Fieldwork - 25 Nov 99
- Draft Final Closure Reports - 29 Feb 00
- Final RFI Report - 28 Mar 00

BCT Minutes May 11, 1999

The meeting was held on May 11, 1999 at 9:00 a.m., at the WPI office in San Antonio, Texas.

Members Present and Support Personnel:

Name	Organization	Present	Absent
Banner, Gordon	TNRCC	X	
Brady, Ryan	KAFB		X
Brown, Leslie	KAFB		X
Buelter, Don	KAFB	X	
Callaway, Laurie	BCA (KPMG)	X	
Carrillo, Mike	EPA	X	
De Venoge, Tom	KAFB	X	
Landez, Norma	KAFB		X
Meshako, Chuck	BCA		X
Miller, Merle	GKDC (OpTech)		X
Neff, Richelle	UNITEC	X	
Ortiz, Steve	TNRCC	X	
Pavlo, Tina	GKDC (OpTech)		X
Power, Abigail	TNRCC		X
Price, Lisa Marie	EPA		X
Ryan, William	KAFB	X	
Sassaman, Brian	KAFB	X	
Skrobarcek, Brian	KAFB (WPI)	X	
Stankosky, Laura	EPA		X
Underwood, Tim	BCA (KPMG)		X
Wolf, Chris	KAFB		X

Lee Wille (UNITEC) facilitated.

Dates for upcoming meetings.

June 8-9, 1999
 July 13-14, 1999
 August 10-11, 1999
 September 14-15, 1999
 October 12-13, 1999
 November 9-10, 1999
 December 14-15, 1999

Item #	Tracking #	Time	Lead	Support	Discussion Topic	Comments	How will we know it's done?	Disposition
1.	323	9:00 am	de Venoge, T.	BCT Members	Background Metal Values	Provide BCT Summary of Statistical Data for Existing Soil Background Values	Data provided to BCT.	Open. Found existing data and sent data to the Corp of Engineers (COE). The COE is reevaluating the statistical analysis. May have report for June BCT meeting.
2.	523	9:05 am	Underwood, T.	BCT Members	PBA Transition	Each month update the BCT on the Lockheed Martin transition.	Team is updated.	Open. Lockheed Martin has presented a proposal for modifying PBA facilities, which is presently under review. 3 SWMUs are involved.
3.	336	9:20 am	Wolf, C.	Buelter, D. Banner, G. Power, A. Stankosky, L.	Metals in Groundwater	Establish means of determining if metals have been released to groundwater on Kelly.	BCT consensus on process of determining metals released to groundwater.	Open. Next step is to review the TRPP to determine if rules require establishing background.
4.	544/527	9:50 am	Power, A. Carrillo, M.	BCT Members	Hot Issues Report and Status Report Feedback	Provide feedback on the Hot Issues Report and the Status Report from the BCTDB. For example, organize the Hot Issues Report by Zone, then date. Provide better descriptors (do not rely on "buzz words"). Include regulator correspondence and needed response times.	Discussion is completed.	Open. 1) Teleconference agenda: Resolve teleconference agenda issue prior to next teleconference. If unsuccessful, then resolve during the teleconference. 2) Hot issues report and database management: We will approve new model for database management at the next BCT meeting. Provide input by next teleconference. 3) Full Closure Model: We will update the full closure model schedule during the BCT meetings as a part of the zone updates.
5.	542	10:10 am	Ryan, W.	BCT Members	Review changes to Full Closure Model	Discuss changes to Full Closure Model and task status.	Team receives update.	Closed. Explained the process resulting in changes to the Full Closure Model.
6.	528	10:50 am	Ryan, W.	BCT Members	Low Flow Sampling	Kelly to provide information on wells to be sampled using low flow in May/June.	Discussion is completed.	Closed. Discussed 50 micropurge wells. William Ryan will provide criteria for well selection to Gordon Banner. Kelly will submit questions regarding low-flow to Mr. Banner. Mr. Banner will provide written response to Kelly's questions.
7.	563	11:20 am	Ryan, W.	BCT Members	Generic Risk Assessment	Determine whether to develop a generic risk assessment model for EPA/TNRCC approval.	Discussion is completed.	Open. Continued to next BCT.
8.	562	11:35 am	Ryan, W.	BCT Members	Zone 4 Risk Assessment	Determine whether the AF will pursue the Zone 4 Risk Assessment.	Discussion is completed.	Closed. EPA will review the Zone 4 risk assessment (RA) plan. Kelly will approach TARA directly. Kelly will make it clear in the RA that its goal is to assess risk.
9.	561	11:50 am	Ryan, W.	BCT Members	Quick Closure Process	Provide the revised quick closure template to the regulators.	Team receives revised quick closure template.	Closed. Mr. Ryan distributed revised quick closure process.

Item #	Tracking #	Time	Lead	Support	Discussion Topic	Comments	How will we know it's done?	Disposition
10.	565	1:00 pm	Banner, G.	BCT Members	Potential Exposure Pathway Sampling	Evaluate the need to study any potential exposure pathway sampling off-base.	Discussion is completed.	Closed. Mr. Banner hopes that his concerns (re: pathways) are considered in the Zone 4 risk assessment. If pathways are addressed he will look at the document. Dissolve the potential exposure pathway sampling working group.
11.	588	1:10 pm	Price, L.	BCT Members	Zone 4 OU2	Discuss recent OU2 information.	Discussion is completed.	Open. Kelly will provide additional information to EPA and TNRCC. Kelly is working on new iteration of off-base plume map. EPA hydrologist will communicate specific needs to Captain Sassaman by tomorrow (5/12/99). Maps may be done by 7/13/99.
12.	575	1:20 pm	Wolf, C.	BCT Members	Zone 1 Update	Each month provide team with update of current activities in Zone 1.	Discussion is completed.	Closed. Handout presented. Completed discussion.
13.	576	1:30 pm	Buelter, D.	BCT Members	Zone 2 Update	Each month provide team with update of current activities in Zone 2.	Discussion is completed.	Closed. Handout presented. Completed discussion.
14.	577	1:40 pm	Buelter, D.	BCT Members	Zone 3 Update	Each month provide team with update of current activities in Zone 3.	Discussion is completed.	Closed. Handout presented. Completed discussion.
15.	578	1:50 pm	Sassaman, B.	BCT Members	Zone 4 Update	Each month provide team with update of current activities in Zone 4.	Discussion is completed.	Closed. Handout presented. Completed discussion.
16.	579	2:00 pm	Wolf, C.	BCT Members	Zone 5 Update	Each month provide team with update of current activities in Zone 5.	Discussion is completed.	Closed. Handout presented. Completed discussion.
17.	582	2:20 pm	Ryan, W.	De Venoge, T., Banner, G., Carrillo, M.	List of Future Deliverables (Regulators/RAB)	Each month provide a list of upcoming documents for review.	Team receives list of upcoming documents for review.	Closed.
18.	581	2:25 pm	Ryan, W.	BCT Members	BCT Teleconference Scheduling	Each month establish the coming schedule of teleconferences.	Teleconference schedule adopted by the team.	Closed. Next BCT teleconference 5/25/99 at 9:00 am.
19.	583	2:35 pm	Ryan, W.	BCT Members	Begin June agenda	Each month begin to establish the next month's agenda at the end of the BCT meeting.	Team approves agenda items.	Closed. See list.
20.	564		Wille, L.	BCT Members	BCT Exercise	Conduct a BCT exercise to analyze problems and develop solutions.	Exercise completed.	Open. Moved to June BCT meeting.

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE