



KELLY AFB
TEXAS

ADMINISTRATIVE RECORD
COVER SHEET

AR File Number 3324

KELLY AIR FORCE BASE TECHNICAL REVIEW SUBCOMMITTEEMEETING AGENDA

10 March 1998 @ 6:30 P.M.
Garni Hall, Room 217, St. Mary's University

<u>Topic</u>	<u>Time</u>	<u>Presenter</u>
I. Introduction (Agenda Review)	6:30 - 6:40	Damian Sandoval
II. Bldg. 1592 Air Sampling Report	6:40 - 7:00	Capt. Tom de Venoge
III. Review Kelly AFB Summary Contamination Map	7:00 - 7:30	Capt. Tom de Venoge
IV. Presentation on Focus Feasibility Study	7:30 - 8:30	Joe Ebert
V. Break	8:30 - 8:45	All
VI. Organizational Tasks	8:45 - 9:15	Damian Sandoval
A. Approve Minutes of 27 Jan 98, 24 Feb 98		Capt. Tom de Venoge
B. Discuss TRS Comments Bldg. 1592		Damian Sandoval
C. Prioritize Document Reviews		Camille Hueni
D. Review TRS Technical Issues		Damian Sandoval
E. North Kelly Gardens Report		David Johnson
F. Update of Letter to General Childress		George Rice
G. Update of Kelly AFB Program Schedule		Capt. Tom de Venoge
H. Update of Groundwater Sampling Results Meeting		Sam Sanchez
I. Update on WEB Page/Electronic Media Improvements		Capt. Tom de Venoge
J. Update on TAPP Process		Damian Sandoval
VI. Action Items/Summary	9:15 - 9:30	Damian Sandoval
VII. Adjournment	9:30	Damian Sandoval

Kelly AFB Technical Review Subcommittee

March 10, 1998 Meeting Minutes

- **Introduction:** The Kelly Air Force Base (AFB) Restoration Advisory Board (RAB) Technical Review Subcommittee (TRS) met on Tuesday, March 10, 1998, at 6:30 p.m. in Room 217, Garni Hall, St. Mary's University. TRS members present were:
 - Mr. Damian Sandoval, TRS Chair/RAB Community Chair
 - Mr. Gordon Banner, TNRCC
 - Mr. Dean Pound, GKDC
 - Mr. Sam Sanchez, SA Metropolitan Health District
 - Dr. Gene Lene, St. Mary's University
 - Capt. Tom deVenoge, Kelly AFB Environmental Management
 - Mr. Joe Ebert, Kelly AFB Environmental Management
 - Ms. Camille Hueni, EPA Region 6

- **Update on Building 1592 Air Monitoring:** Tom informed the TRS that the draft report of the base's air sampling near the North Kelly Gardens area (Bldg. 1592 area) would be finalized by the end of March. Damian asked that the TRS be copied on the report.

- **Review of Informational Map for General Distribution:** Tom distributed copies of the draft map of Basewide contamination for TRS review and comments. The map will be distributed as a hand-out to the community to show areas impacted by the ground water plume. The map is based on the 1997 Basewide Remedial Assessment (BRA) report; expect no changes for the time being. However, the map can be easily updated to reflect changes as the off-site plume is delineated. Tom indicated that everything that is shaded on the map represents concentrations exceeding the drinking water standard, or MCL, and that Manganese (Mn) was not included with the represented metals. Including Mn as a contaminant on the map would obscure the distribution of the chlorinated solvent plume. Also, Mn is an indicator of anaerobic degradation and may not necessarily be indicated as a parent constituent. TRS members made the following recommendations:
 - (1) Clarification that fuel spill areas overlay metal contamination, which overlay the solvent plume; the outer boundary indicates the total area of contamination, with the solvent plume being the most widespread.
 - (2) Clarify the definition of MCL; retitle to a simpler "Metals, Solvents, and Fuels in the Shallow Ground Water.
 - (3) Develop accompanying text in English and Spanish.
 - (4) Dash boundary of the plume where delineation has not yet been completed.
 - (5) Pull out the zone boundaries; retain base boundary only.
 - (6) Include points of contact as part of the accompanying text (Kelly AFB, Health offices, RAB members, etc.)
 - (7) Could Kelly provide access to BRA ground water data through computer data base queries at the RAB meetings/Info Fairs?

Information packets should be distributed to school districts, churches, and local grocery stores so that information can be posted in areas most frequently accessed by members of the community. **Action for the next RAB (April 7, 1998):** Damian would like to highlight this map and accompanying information as a product of the TRS, presenting to the RAB for input to the question, "Where do we go from here?" Next step would include the development of a list of addressees, including State, City, County representatives.

- **Focused Feasibility Study (FFS) for SS051 and SS040:** Joe Ebert, Kelly AFB, presented the Proposed Plan for containment of the chlorinated solvent plume at the East Kelly boundary, which would be going out for public notice and comment on March 11, 1998. The system is to be in place and operating by March, 1999. The FFS is the support document for the Proposed Plan. Joe indicated that source control for Site SS051 would be outlined in another FFS, scheduled shortly for release. TRS questions and/or recommendations on the FFS for SS051 and SS040 documents included: Was water reuse considered for the treated ground water? Reuse, rather than discharge to Six Mile Creek, would minimize the impact to the stream from the large volume of treated discharge expected. **Action:** Recommend that Air Force or GKDC reopen discussions with SAWS or Bexar Met to take the discharge water.
- **Update of Zone 4 Plume Delineation Work plan:** Joe indicated that the off-site plume delineation Work plan is projected for May, contingent on the pending award of the contract. **Action:** Schedule for submittal to the regulators and the TRS by early May. The TRS recommended that the RAB and TRS review the monitoring well locations in the off-site area before the field work begins. Damian asked if the Base would issue a press release on the proposed sampling points, and the expected time that crews would be in the field. He will talk to General Barnidge about scheduling a discussion with the RAB; a Kelly AFB news release; coordinating a press release with the San Antonio Express News.
- **Minutes approved:** Minutes of the January 27, 1998, and February 24, 1998, TRS meetings were approved with no modifications.
- **Tracking System:** Tom informed the TRS that the Kelly AFB BRAC Cleanup Team is building a document and review tracking system, which will identify critical review and comment milestones for investigation reports and decision documents. The Technical Assistance Visit, or TAV, (Peer Review for Compliance and Restoration projects) will be reviewing Kelly projects over the next three weeks. There will be a Gantt Chart generated by the first part of April which will outline a projected schedule to completion and appropriate milestones. **Action:** The TRS recommended that TRC review milestones also be factored into the tracking system. Dean Pound, GKDC, also requested that the redevelopment schedule be factored into the tracking system.
- **North Kelly Gardens Report:** Tabled; David Johnson was not present.

- **Update of Letter to General Childress:** Tabled; George Rice was not present.
- **Update on Next City/County Forum:** The next forum is scheduled for March 31, 1998. Questions and issues raised at the previous forum included: the request for information on water wells; property rights issues; and health issues. The forum format has not yet been determined. However, Sam Sanchez indicated that written responses will include the latest updates on the ground water sampling results. At this point, the use of private water wells can be eliminated. **Action:** Sam Sanchez will follow-up at the next RAB meeting, with the latest water well sampling information. Sam also suggested that the RAB can involve the community in discussions of health effects through a break-out of interested parties, perhaps a subcommittee.
- **TRS Scheduled Meetings:** April 21, 1998; May 19, 1998; June 23, 1998; and July 21, 1998.
- **Update on the Kelly AFB WEB Page/Electronic Media Improvements:** Tom informed the TRS that Kelly is updating the public access website for Kelly AFB; the website will contain information about the activities of the Restoration Advisory Board and the Technical Review Subcommittee. Kelly has also reorganized the Information Repository at the public library to make it more user friendly. A comprehensive User's Guide and information pamphlet has also been prepared which will guide people to the documents which may more directly answer their questions. Copies of the User's Guide and information pamphlet will be available at the next City\County Forum scheduled for March 31, 1998.
- **Update on the TAPP Process:** The information formulated at the last meeting was submitted to the RAB for consideration. A majority vote recommended to proceed toward the application of TAPP funds.
- **Brainstorming:** Damian suggested that the TRS develop a list of positive things or accomplishments that the TRS has been involved in since its re-establishment. Sam Sanchez suggested that the RAB form a link to neighboring school districts. The RAB could "take the show on the road" to get the word out about the Kelly issues and the work that is being done by the RAB and the TRS, for example, in speaking to area PTA's.
- **Summary - Action Items:**
 - (1) Damian will speak to General Barnidge regarding TRS and RAB review of off-site plume delineation monitoring locations and negotiate a press release to coincide with submittal of the Work plan.
 - (2) Damian will speak to General Barnidge about the discharge to Six Mile Creek, proposed in the FFS for Sites SS051 and SS040. Reopen issue of water reuse versus

discharge.

(3) Documents suggested for TRS review:

- ☞ FFS for Source Control at Site SS051 (Decision Document)
- ☞ 1997 Basewide Remedial Assessment (Information Only)
- ☞ Work plan for Zone 4 Offsite Delineation (Pre-Decision Investigation)

Tom and Camille will develop a schedule for when these documents would be available for TRS review.

(4) Kelly AFB will check with St. Phillips College to clarify whether or not drains to leaking IWCS have been closed and/or are still being used. (Site SS051)

(5) The summary contamination map will be revised and presented to the RAB at the next April 7, 1998 meeting. The next TRS meeting is scheduled for April 21, 1998.

(6) Sam Sanchez will update the RAB at the April 21, 1998, meeting on the water well sampling project and will announce the formation of the Community Health Assessment Team for Bexar County, which will develop environmental health indicators for communities around San Antonio.

MEMORANDUM

TO: KAFB Restoration Advisory Board

DATE: April 6, 1998

FROM: M. Damian Sandoval *MDS*
KAFB RAB TRS Chairperson

SUBJECT: Formal TRS Comments on the Focus Feasibility Study For SS-040 and SS-051, March 97.

The KAFB Technical Review Subcommittee (TRS) conducted a meeting on 10 March 1998, to review, discuss and develop formal comments on the aforementioned document. The following comments will be submitted to the KAFB Restoration Advisory Board (RAB) for submission to the Air Force. A copy of the comments will also be provided to both the Environmental Protection Agency, Attention: Ms. Camille Hueni, and the Texas Natural Resource Conservation Commission (TNRCC), Attention: Mr. Gary Beyer.

1. The TNRCC has all along stated that the surficial aquifer would be remediated (cleaned) to Maximum Contaminant Levels (MCLs) for Groundwater. Limits of the surface water discharge may exceed MCLs under the current KAFB NPDES Permit. For example, PCE, has an MCL of 5 parts per billion (ppb) and the NPDES Discharge Permit Limit for PCE is 20 ppb. The UV Oxidation system may be the only proposed treatment system that may remove or eliminate organic contaminants to concentrations below MCLs. Thus, groundwater that is treated still may have levels of organic contaminants above MCLs that are discharged into an open creek.
2. Groundwater treated through a treatment system that still contains concentrations above MCLs should be evaluated in regards to discharging into a open, publicly accessible creek. Please evaluate the possible exposure pathways (i.e. children playing, contacting and incidental ingestion of treated groundwater that may be above MCLs) for this scenario.
3. Please indicate under which regulations, (TNRCC or EPA) allows treated groundwater to be discharged above MCLs into a creek. Indicate how regulations are modified so that different cleanup standards are used for surface discharged as opposed to MCL criteria identified early in the BRAC Cleanup Process.
4. How and when will the resource agencies (i.e. National Park Service) be informed of the proposed action? The proposed discharge rate of upto 500,00 gallons per day (gpd) will change the condition of six mile creek from an intermittent, storm-feed stream to a continuous flowing creek. EPA, TNRCC and/or the Air Force should be required to conduct a downstream impact study prior to treatment operation and discharge.
5. A maximum discharge rate of 500,000 gpd of water may be reviewed as a resource that should be re-used; ether in a recycling or reclamation program. Both the Bexar Metropolitan Water District and/or the San Antonio Water Systems should be contacted to assess the feasibility of reusing this resource. KAFB should also evaluate this option as an alternative to discharging water into Six Mile Creek.
6. Will the extraction of upto 500,000 gpd from the surfical aquifer at KAFB, Zone 4 cause subsidence problems to properties on KAFB or to adjacent properties? Will this affect the existing groundwater gradient or levels on and off KAFB? Will a subsidence study be performed to assess the impact to soils on and off base?
7. If KAFB is committed to treating groundwater on-base, why are plans not immediately implemented to collect and treat groundwater off-base?

Formal Comments on FFS For SSO41 and SSO51

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8. The TRS respectfully requests to review all remedial design specifications and construction plans at the 30, 60 and 90 percent design phase of the collection and treatment system. The TRS requests to review all final interim remedial initiatives developed by KAFB that will impact off-base, surface water contribution into six mile creek. Similar public meetings may also be requested to include local residents and any potentially impacted resources agencies.
9. Please indicate if, when and how responses to these questions will be addressed. Please indicate if the public will also be notified of the response, and/or if follow-up questions will be accepted after the initial comment period of 11 April 1998.

cc: Ms. Camille Hueni, EPA
Mr. Gary Beyer, TNRCC

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