

MEETING MINUTES

KELLY AFB TECHNICAL REVIEW SUBCOMMITTEE (TRS) TO THE RESTORATION ADVISORY BOARD (RAB)

14 November 2000, St. Mary's University, Garni Science Hall
Dr. Lené, TRS Chairman

I. Introduction: The TRS meeting began at 6:40 p.m. Attachment 1 is the attendance report.

II. TAPP Review of Site S-8 CMI Workplan: Mr. Jeff Neathery, Neathery Environmental Services, presented his draft report. He emphasized that the workplan was reviewed as a "stand alone" document and no other documents were examined.

A. He made the following observations/conclusions:

1. The aquifer modeling assumed the aquifer was confined. He was concerned that the aquifer may be unconfined and suggested modeling that would allow a comparison between an unconfined aquifer and a confined aquifer.
2. There is no mention of the presence of dense non-aqueous phase liquids (DNAPLs). Testing appeared to be for light non-aqueous phase liquids (LNAPLs).
3. Water levels appear higher than the well screens. Such a condition could preclude the capture of LNAPLs.
4. The report states the plumes do not cross the base boundary line, yet there is evidence of contamination in a well at the property line. *Note:* Ms. Rhonda Hampton, Air Force Base Conversion Agency (AFBCA) Project Manager, reported that the most recent test shows the plume does not leave the base.
5. The workplan calls for a two-well system to replace the existing 12-well system. Mr. Neathery is concerned the new system will not perform better than the existing system. *Note:* Ms. Hampton reported that one well has been installed and is performing according to the modeling prediction.

B. Mr. Neathery made the following recommendations:

1. Re-evaluate data contained in this and prior reports.
2. Collect more data to assess the possible presence of DNAPLs and the extent of the plume.
3. Perform more testing and modeling.
4. Re-evaluate the proposed remedial system based on new data.

C. Ms Leslie Brown, AFBCA, reminded the committee that any questions needed to be submitted to Mr. Neathery by 21 November 2000 and the final report would be given at the 16 January 2001 RAB meeting.

III. Zone 4 RFI Status: Mr. William Ryan, AFBCA, explained that the Zone 4 Operable Units (OU) are OU-1 and OU-2. OU-1 deals with soils within the East Kelly Industrial Waste Collection System on St. Phillips College property. OU-2 is impacted ground water on East Kelly and from Site MP. Work is progressing on each OU. Findings on specific sites can be found in Attachment 3. The project is on schedule with the final corrective measure study projected to be completed in April 2001.

A. Discussion:

Q - Mr. George Rice asked to what level the groundwater would be cleaned.

A - Mr. Ryan told him the water would be cleaned to levels required by TNRCC and EPA standards which are MCLs, i.e. drinking water standards.

Q - Mr. Rice asked if the final Corrective Measures Study (CMS) report would have a preferred solution.

A - Mr. Ryan told him it would.

IV. Low-level Radioactive Wastes Sites Relative Ratings: Mr. Jack Shipman, AFBCA, provided a short briefing on the relative rankings of the sites were evaluated using the relative risk ranking process. (His report was previously presented to the full RAB and referred to the TRS for recommendation.) There are three sites under consideration and all are preliminarily ranked low. The TRS will recommend that the RAB accept the ratings and add them to the Kelly AFB's list of sites that have a Relative Risk Rating. (See attachment 4.)

A. Discussion:

Q - Mr. Armando Quintanilla asked if the Air Force disposed of the depleted uranium weights from the C-5B Galaxy aircraft.

A - Mr. Shipman explained that since the weights had very low radiation, nearly background level, they were containerized and sent to be recycled.

V. Results of Testing New Off-base Wells: Mr. Ryan provided the committee with the validated groundwater sampling data from nine monitoring wells drilled off base, north of Kelly AFB (See attachment 5.) Drilled in August 2000, the wells provide information that fills in data gaps. Three wells between the 36th Street gate and Highway 90 were dry, but since the recent rains, they now have water and will be retested.

VI. Administrative:

A. Base Conversion Team (BCT) handouts were presented to Dr. Lené. (See attachment 6) Mr. Ryan told the committee the BCT meeting highlights were the TRS agenda items III, IV, and V. The BCT also discussed: (1) the procedural steps needed to close down the base's hydrant system, (2) the interim system at building 522 and its optimization, (3) DNAPL removal concept for site MP and, (4) the progress on building 300 remedial facility investigation.

B. Spill Summary Report: There were no spills during the month of October 2000 (See attachment 7). A spill was reported on 9 November 2000 in the 1592 fuel tank area and spill pads had been used to collect the residue fuel. A full report will be given at the next committee meeting.

C. Documents to TRS/RAB: There were seven new documents (See attachment 8).

D. Action Items: No Action Items.

E. Next TRS meeting: The next TRS meeting will be held 12 December 2000 at 6:30 p.m. in St. Mary's Garni Science Hall.

VII. Adjournment: The TRS adjourned at 8:40 p.m.

Attachments:

1. Attendance Report
2. Draft TAPP Presentation of Site S-8 CMI Workplan Review
3. Zone 4 RFI Status Presentation
4. Low-level Radioactive Wastes Sites Relative Ratings (previously provided to all RAB members)
5. Results of Testing New Off-base Wells Presentation
6. BCT Minutes and Handouts, November 2000
7. Spill Summary Report
8. Documents List