

**BRAC Cleanup Team
(HTW BCT) Meeting Minutes
February 25, 2005
Final Version**

Attendees:

Stewart Black, DTSC	John Guenza, AHTNA Gov. Services
Martin Hausladen, USEPA	Erik Appel, AHTNA Gov. Services
Grant Himebaugh, RWQCB	Bob Parkins, HydroGeoLogic
Gail Youngblood, Fort Ord BRAC	Don Jones, HydroGeoLogic
Glen Mitchell, USACE	Bill Mabey, Tech Law
Peter Kelsall, Shaw	Meg Stemper, MACTEC
David Eisen, USACE	Dennis McCrumb, HydroGeoLogic
Derek Lieberman, Fort Ord BRAC	Roy Evans, HydroGeoLogic
Ed Ticken, MACTEC	
Carlene Merrey, MACTEC	
Marc Edwards, USACE	

Agenda

FFA and Document Schedules	Status Update
Geotracker Update	Status Update
OU1 Update	Status Update
Groundwater Treatment System	Status Update
OU Carbon Tet Plume	Status Update
Groundwater Treatment Optimization	Status Update
OU2 Landfill Gas	Status Update
Basewide Range Assessment	Status Update
Site 3 Eco Risk Issues	Status Update
East Garrison Ranges Interim Action	Status Update
Range 36A Closure Activities	Status Update
FOST/FOSL/FOSET Issues	Status Update
Site 39/OUCTP Presentation Update	Status Update
Calendar	Update

FFA Schedule

New schedule for Site 39 – received notification that there would be no DTSC comments last week; have extended the Draft Final delivery date accordingly. Other changes were noted on new Draft schedule. All agencies agree that this schedule is acceptable; Army will send out a letter to DTSC; will post this on the website.

Geotracker Update

Vandenberg AFB – 3 phase schedule of implementation (Oct '05, Mar '06, Oct '06). Would like Fort Ord to adopt the same schedule. Can divide up the program into three parts and start implementation with the October '05 date. Will revisit next month. Discussed differences between the Board's Geotracker and DTSC's "Envirostore". Stewart Black, DTSC will check into this and report back.

OU 1 Update

See handout

OU Carbon Tet

The Preliminary Draft Remedial Investigation/Feasibility Study Report, Carbon Tetrachloride Groundwater Contamination is in internal review, which does not include the BCT at this time. MACTEC mentioned to the BCT that one of the remediation options that will be evaluated in the Feasibility Study is going to be lactate injection. The Army asked USEPA how a determination of "operating properly and successfully" would be made with a remedial system using bioremediation and monitored natural attenuation. Martin Hausladen, USEPA, referenced his experience with Long Beach where the Navy attempted to remediate a Stoddard solvent plume (15,000 ppm). Lactate did not work well. The remedial area boundaries were basically the plume boundaries. So the BCT will need to agree on the remediation boundaries ahead of time, e.g. carbon tet 0.5 ppb line and need to show that the area of the plume shrinks. EPA noted that rebound time is a consideration. Rebound took a year in Long Beach and then expanded beyond original remedial area boundaries. Such an assessment will be part of the 5-year review process.

EPA wants to be included frequently in technical reviews to stay in lock-step with what Army is proposing. Also stressed that the Army take full advantage of the vendor's expertise. For example, Regenesys will provide free consulting.

DTSC: need to make sure the area is well characterized no matter what the remedies selected.

Discussed electronic presentation. EPA will need three hard copies of the main text with CD of all the other sections; hard copies of plates. DTSC will need two copies. Board will need one copy. Public members will need hard copies also.

GW Treatment System Optimization

Brief discussion of the latest GWPE deliverable.

A handout (map) was provided. Discussed latest extraction well and pipeline route for OU2 expansion. Finalizing route agreement with Monterey Peninsula Unified School District. Expediting the design and construction of the pipeline to get this online as soon as possible. Will also be beneficial for the Carbon Tet remediation process. It is expected construction of the pipeline will start in the next two months. Need to fine-tune the OU 2 treatment system (location optimization or which wells at what rates) to handle this increased capacity. Finishing a modeling effort to assist with fine-tuning the pumping scenarios.

Sites 2/12 – working at max capacity. Vinyl chloride is still an issue and will be addressed through the use of an air stripper at the 2/12 treatment system. Double-checking current VC distribution before proceeding with implementing the air stripper. It was noted that completion of remediation of the 2/12 plume may take another 10-12 years if the system is not optimized.

Discussed use of treated water by local reusers. They need water for construction. May require an ESD. They may also wish to relocate our 2/12 extraction wells and pipeline and we may be able to optimize our system at the same time.

OU 2 Landfill Gas

2003 Ambient Air Monitoring Report and Landfill Gas Treatment Expansion Work Plan – issued responses to comments about a week ago or so. DTSC will get back to Shaw next week.

Ambient Air – TAGA (Trace Atmosphere Gas Analysis), EPA’s equipment – send some info to Fort Ord for their information. CAG members attended a public demonstration of this equipment. Discussed use of this equipment at Fort Ord. Relates more to indoor air concerns. Discussed downstream usage of any data generated by this equipment. Starting 5 interior wells next week for landfill gas treatment expansion; approx 18 wells (perimeter) to follow.

Site 39 Eco Risk Work

EPA – reviewer discussion – send reports directly to John Chesnutt and Martin Hausladen for internal distribution.

DTSC – John Christopher will be involved. May decide to hold a preliminary orientation session prior to commencing review of the document; Army will coordinate.

Site 3 Eco Risk Issues

Track 1 ROD is close to being signed and completed, then can finalize follow-on monitoring at Site 3.

East Garrison Ranges Interim Action

Salamander fence is in place. Still waiting on Final Biological Opinion.

Range 36A Closure Activities

DTSC’s RCRA unit has document and has postponed delivery of comments several times. Currently three months behind schedule for this latest version. EPA comments received. Formal discussion of this delay will be communicated between the Corps and the DTSC.

FOST/FOSL/FOSET Issues

See handout.

Calendar

See handout.

Eco Risk and OU CTP – Technical Presentations

First couple weeks of April.