

**Final
Hazardous and Toxic Waste (HTW) Base Realignment
and Closure (BRAC) Cleanup Team (BCT)**



Meeting Minutes

May 15, 2019

BRAC Conference Room
Former Fort Ord, California

Agenda

Reference the handout titled "HTW BRAC Cleanup Team Meeting Agenda, Wednesday May 15, 2019 at 1:30 PM, Former Fort Ord, California."

1. Attendance

Last Name	First Name	Organization	By Phone
Anderson	Thor	Burleson Consulting	
Arsov	Vlado	California Department of Toxic Substances Control (DTSC)	
Broadston	Melissa	Chenega supporting BRAC	
Caruso	Erin	Gilbane	X
Clancy	Maeve	U.S. Environmental Protection Agency (USEPA)	X
Crane	Steve	KEMRON Environmental Services (KEMRON)	X
Dillon	Holly	Ahtna Environmental, Inc. (Ahtna)	
Fenton	Jeff	Wood Environment & Infrastructure Solutions, Inc. (wood.)	X
Floyd	Bridget	U.S. Army Corps of Engineers (USACE)	X
Gentry	Dana	USACE	X
Ghigliotto	Tom	Chenega supporting BRAC	
Ginorio-Dean	Amber	USACE	X
Kan	Alex	USACE	
Kowalski	Bart	Chenega supporting BRAC	
Lieberman	Derek	Ahtna	
Meakes	Charity	USACE	X
Sellinger	Amber	California Regional Water Quality Control Board, Central Coast Region (CCRWQCB)	X
Soderberg	Sheila	CCRWQCB	X
Sterling	Steve	DTSC	X
Stiebel	Cary	Chenega supporting BRAC	
Wu	Min	DTSC	

2. BCT Minutes Status

Hazardous and Toxic Waste (HTW) Base Realignment and Closure (BRAC) Cleanup Team (BCT) meeting minutes are final through February 2019.

3. Community Outreach Update

The handout titled “U.S. Army Community Outreach Update” was reviewed. Additional discussion included:

- Recent activities included munitions safety information booths at the Presidio of Monterey (POM) Earth Day on April 25 for 50 participants, the POM Language Day on May 10 (3,000 school children attended), and the California State University Monterey Bay (CSUMB) Earth Day on April 22 for 25 participants.
- The May 4 guided nature walk had 90 participants on the long walks and 20 participants on the short walk.
- A couple news articles were published earlier this month in the Monterey County Weekly on May 2 and the Monterey Herald on May 9, both related to the Environmental Services Cooperative Agreement (ESCA). Vlado Arsov with DTSC noted that the Monterey County Weekly requested an interview with him, but he wasn’t able to do it. Maeve Clancy with the USEPA was interviewed and quoted in the article. Maeve noted the reporter with the Monterey County Weekly, Asaf Shalev, was new to the site and probably would benefit from a Fort Ord 101 information session. Amber Sellinger with the CCRWQCB said the next Community Involvement Mobile Workshop (CIW) on July 13 would be a good way for the reporter to gain more information.
- Tomorrow May 16 a senior center bus tour will be held.
- The Annual report is still in internal review and will be sent to the BCT for review in one or two months.

4. Operable Unit 2 (OU2)

a. Groundwater Remedy/Monitoring–

The handout titled “Former Fort Ord Operable Unit 2 Data and Status” was reviewed. Additional discussion included:

- The OU2 groundwater treatment plant (GWTP) was online 99 percent of the time in April. The OU2 GWTP was shut down for 2 hours to repair the effluent pipe.
- No chemicals of concern (COCs) were detected in the April OU2 injection point of compliance sample.
- The eastern network leak detector issue was resolved except the EW-OU2-02-180R flow meter is not operational.
- Decommissioning of the old OU2 GWTP is complete.
- The western network remains offline.
- The First Quarter 2019 figures were presented and look similar to the previous event.
- MW-OU2-04-A well casing is being extended 30 feet to match the new grade at the Sea Haven residential development. Twenty feet have been completed so far.

b. Treated Water Reuse – No treated water was used recently. No treated water will be used at the new OU2 GWTP until after the Government accepts the GWTP from the JV. Burlson has an irrigation project coming up but it is not ready. The initial need for irrigation is 6,000 gallons. Will talk to Mark Fisler with Ahtna about possibly using a temporary fire hose at the OU2 GWTP.

c. Groundwater Treatment Plant Relocation – Construction of the new OU2 GWTP is in progress. The following items were discussed:

- Demolition of the old OU2 GWTP is complete.

- Work continues on the western network. A Request for Information (RFI) for the western network leak detectors is in progress.
- The new OU2 GWTP is operational and there is no estimated beneficial occupancy date.
- At the end of April a pre-final inspection will be held with the project engineers at the OU2 GWTP. A punch list will be prepared for items to be done before the final inspection.

d. Landfills Operations and Maintenance (O&M) – The handout titled “Former Fort Ord Operable Unit 2 Landfills Data and Status” was reviewed. Additional discussion included:

- The Landfills are being monitored for any further erosion issues; there have not been any new issues recently. The last erosion issue was observed in February and repairs will be conducted once the rainy season is over.
- Compliance probe monitoring for the Second Quarter 2019 was completed last week.
- Annual Landfills mowing will be completed in June to reduce the risk of fire when the vegetation dries out.
- The thermal treatment unit (TTU) methane concentration decreased during the last operational cycle and individual extraction points also had a decrease in methane.
- The methane concentration charts were scaled to two years rather than five years for better viewing.

5. Sites 2 and 12 (Sites 2/12)

The handout titled “Former Fort Ord Sites 2 and 12 Data and Status” was reviewed. Additional discussion included:

- The soil vapor treatment unit (SVTU) continues to be offline for the rebound study. The Second Quarter 2019 soil gas monitoring event was completed.
- The Sites 2/12 GWTP was online 95 percent of the time in April.
- The April Sites 2/12 GWTP injection point of compliance sample had a few low detections of COCs below discharge limits.
- A carbon change-out will be completed in June based on recent vessel effluent results indicating the carbon is losing adsorptive capacity.
- Downtime at Sites 2/12 is associated with OU2 downtime due to interconnected communications.
- First Quarter 2019 plume contour figure was presented, which is similar to the Fourth Quarter 2018, even though there was a decline in tetrachloroethene (PCE) concentrations.

6. Operable Unit Carbon Tetrachloride Plume (OUCTP)

a. Groundwater Remedy/Monitoring–

The handout titled “Former Fort Ord Operable Unit Carbon Tetrachloride Plume Data and Status” was reviewed. Additional discussion included:

- The Monterey spineflower biological survey was completed May 10. The sand gilia biological survey was completed in April. The biological monitoring includes the old and new reference sites. The old site has been invaded by non-native grasses, but is still useful for comparison to historical data.
- First Quarter 2019 figures were presented. There is a seasonal split in the A-Aquifer carbon tetrachloride (CT) mid-plume area. The Upper and Lower 180-Foot Aquifer plumes are consistent with previous events.
- Trichloroethene (TCE) concentrations at new well MW-BW-59-180 continue to be above the maximum contaminant level. The Lower 180-Foot Aquifer figure will be updated to draw a TCE contour around this well.

7. Basewide Range Assessment (BRA) and Lead Evaluation Status

The handout titled “BRA and Lead Evaluation Status” was reviewed. Additional discussion included:

a. Basewide Range Assessment (BRA) –

- The Draft Final Sampling Report for Units 1, 2, 3, 7, 10, 33, and Watkins Gate Burn Area will be submitted at the end of the month.
- Preparing Final Sampling Report for Units 25 and 28, including Fort Ord Community Advisory Group (FOCAG) responses to comments and CCRWQCB changes.
- Appendices for the Comprehensive BRA Report are in progress and the Final will be submitted in the summer. The report does not present new data, it just summarizes data already presented.
- BLM Area B Army response to comments are in progress.

b. Lead Evaluation at HA 18D and HA 23D –

The cleanup value is still being discussed between DTSC and the Office of Environmental Health Hazard Assessment (OEHHA). Kim Gettmann with DTSC will keep Alex Kan updated on the status of discussions. In the meantime, the Army will go forward with surveying the area of concern. The Army is waiting to hear about the discussions at DTSC to move forward with an Explanation of Significant Differences (ESD). The DTSC lead spread model discussion has not occurred yet, and no conclusion yet from DTSC Human and Ecological Risk Office (HERO) despite two meetings that have occurred.

c. Erosion Control –

Working through list to complete erosion repairs during summer.

d. Landfills Soil Management –

Finished with material placement at the Landfills.

e. Habitat Restoration – The handout titled “Site 39 Inland Ranges Habitat Restoration Status Update” was reviewed. Additional discussion included:

- Minor erosion control repairs were completed at HAs 26 and 34. There was no significant erosion this year despite the large amount of precipitation.
- The native plant nursery has a good stock of plants and the targets are expected to be reached.
- Busy recently with the monitoring events for HMP annuals. Sand gilia was monitored first and Monterey spineflower is yet to be completed. There is a large amount of sand gilia this season.
- The irrigation project at HA 26 includes installing 500 more emitters for a total of 3,500 emitters. Each of the ten irrigation events will use 6,000 to 9,000 gallons of water. With the recent rain, will hold off on the first irrigation event for a few weeks (besides testing the system).

8. FFA Schedule

Status Update – The Federal Facility Agreement (FFA) schedule is provided to the agencies with the upcoming primary documents with the month the Draft and Draft Final versions will be issued. Draft versions have a 60-day review period and Draft Final versions have a 30-day review period. There are no primary documents currently.

Document Schedule – The handout titled “15 May 2019 HTW BCT Deliverable Schedule” was reviewed and near-term documents were identified. All highlighted documents are scheduled to be issued in May.

9. Action Items

The handout titled “HTW BCT 2019 Action Items” was reviewed. Additional discussion included:

- For action item #2, partial deletions from the National Priorities List (NPL), Alex received Maeve’s email. A lot of research will be needed and would be useful to have a document

summary of status for all remedial action sites. Maeve can provide example of detail level for a summary document, which is less information than a Five-Year review. The Five-Year Review reports and Remedial Action Reports have good information. DTSC still to concur on deletion letters, which will take time, and Maeve can send an example letter. Public outreach varies, there is a comment period before the deletions are finalized.

- For action item #7, the USEPA requests that TCE in the Lower 180-Foot Aquifer at OU2 and OUCTP will be addressed in the next Five-Year Review.

10. Calendar Update

The June HTW BCT meeting is scheduled for June 19 at 1:30 pm. The July HTW BCT is scheduled for July 12 at 1:30 pm. The CIW meeting is scheduled for July 13. The TRC meeting is scheduled for July 16.