



DEPARTMENT OF THE NAVY
SOUTHWEST DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132-5190

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HUNTERS POINT
SSIC NO. 5090.3

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Ser 06CH.RM/854
October 24, 2000

Ms. Sheryl Lauth (SFD 8-2)
U.S. Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Mr. Chein Kao
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, CA 94710

Mr. Brad Job
California Regional Water Quality Control Board, San Francisco Bay Region
1515 Clay Street, #1400
Oakland, CA 94612

Dear BCT members:

Enclosure (1) is provided for your records regarding the September 26, 2000 Parcel E soil meeting, Hunters Point Shipyard. Electronic versions of these minutes were e-mailed to the entire distribution list.

Should you have any concerns with this matter, please contact the undersigned at (619) 532-0913.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard G. Mach Jr.", written over a large, loopy oval shape.

RICHARD G. MACH JR., P.E.
BRAC Environmental Coordinator
By direction of the Commander

Enclosure: (1) Final Parcel E Soil Data Gaps Meeting Minutes, Hunters Point Shipyard,
October 24, 2000

**PARCEL E SOIL DATA GAP MEETING MINUTES
HUNTERS POINT SHIPYARD
September 26, 2000**

These minutes summarize the Hunters Point Shipyard (HPS) Parcel E soil data gap meeting. The meeting was held on September 26, 2000, at the California Regional Water Quality Control Board (RWQCB) office in Oakland, California. The meeting was attended by the Base Realignment and Closure (BRAC) Cleanup Team (BCT), comprised of the Navy, the U.S. Environmental Protection Agency (EPA), the California Department of Toxic Substances Control (DTSC), and the RWQCB. The meeting was also attended by the City of San Francisco (City) and its team of developers. A list of attendees is included as Attachment A to these minutes. These minutes discuss the key points, decisions, and action items agreed to at the meeting. A complete list of action items is included as Attachment B to these minutes.

MEETING PURPOSE

The Navy intended the meeting to serve as a means for all BCT members to understand the Navy's approach to addressing soil data gaps at Parcel E, and to obtain BCT feedback to the proposed approach. In general, the Navy proposed to fill soil and other data gaps on Parcel E through a data gaps work plan, which will not include groundwater data gaps or volatile organic compound (VOC) data gaps being assessed under different plans. After implementation of this work, the Navy will prepare a document recommending sites proposed for inclusion in the feasibility study (FS).

REVIEW OF PAST DOCUMENTS AND RISK MANAGEMENT REVIEW MEETINGS

The Navy presented two tables to the BCT. One table summarized the Navy's proposed changes to the approved data gaps work plan. The changes included removal of groundwater data gaps, removal of data gaps work in formerly utilized defense sites (FUDS), removal of data gaps collection for total petroleum hydrocarbon (TPH)-only sites and Installation Restoration (IR) Site 36 (the treatability study area). The Navy will address these data gaps under the groundwater data gaps studies, the treatability study, or the corrective action plan (CAP). The only exception will be the FUDS, which will be addressed by the U.S. Army Corps of Engineers.

The second table included the Navy's summary of the risk management review (RMR) recommendations from previous meetings with the BCT.

The BCT stated that the Parcel E remedial investigation (RI) was not comprehensive and that the previous data gaps work plan did not address all of the BCT's concerns regarding the RI. The Navy proposed that the data gaps work plan, combined with other investigations at Parcel E, address all data gaps from the RI. The BCT agreed.

DATA GAPS WORK PLAN

The Navy recommended that the data gaps work plan address all de minimis areas, so that all areas carried forward to the FS are well characterized to a depth of 10 feet below ground surface (bgs), where appropriate. The BCT suggested that the cleanup depth for open space reuse areas might not need to be 10 feet bgs. The Navy proposed to characterize soil to a 10-foot depth, and based on the data collected, will propose a cleanup depth for the planned reuse. There is a portion of the landfill, where the City's redevelopment plan could allow residential reuse. This scenario will need to be further discussed with all parties and evaluated in the FS.

The Navy proposed that the data gaps work plan would address the following sites and issues:

- Exploratory excavations
- Landfills
- Radioactive waste sites
- The firing range

- The shoreline at the surf zone to a depth of two feet
- De minimis areas
- Areas affected by the landfill fire
- Other areas that are not bound or fully characterized
- Areas that might contribute to groundwater contamination
- Areas that might affect ecological receptors
- Wetlands delineation
- A site walk through to identify any other outstanding issues
- The potential for chlorine canisters
- Geotechnical data for the landfills

The BCT requested that the Navy also address soil data gaps in areas that may erode and contaminate storm water runoff. The Navy will look into this issue and respond to the BCT by October 19, 2000.

The BCT requested that the Navy fully assess alternatives for remediation of the IR-01/21 landfill in the FS. The Navy agreed.

The Navy stated that this work would only include sites where any member of the BCT recommended further action, though the RMR process.

SCREENING CRITERIA

RWQCB recommended that the Navy utilize RWQCB's dredge material guidance for wetlands creation for soil screening values in the wetlands areas. RWQCB will provide those sediment-screening values to the BCT. The Navy proposed using soil-screening criteria from the ecological validation study at Parcel E. The Navy also noted that some of the ecological soil screening numbers in the validation study were revised; the revisions were related to a mathematical error. The Navy stated that these numbers are in the approved final validation study report and that they will be incorporated into the RMR process.

The BCT requested soil screening for the purpose of evaluating the potential for groundwater contamination. The Navy believes in areas where no groundwater impact has, as of yet, been identified; it is unlikely that groundwater will be affected in the future. DTSC did not agree with the Navy. The BCT clarified their concern and noted that, in the case where groundwater contamination exists with no known contamination source, the Navy should implement a soil screening evaluation. The Navy proposed to address this issue during this data gap and the groundwater data gap study. The BCT suggested that the Navy could use the deionized waste extraction test for analyzing soil over groundwater contamination plumes.

CHEMICALS OF CONCERN

The BCT expressed concern about cleanup goals for this work. The Navy stated that they are only performing a data gap analysis, and are not establishing cleanup goals at this time. The BCT expressed concern regarding limiting chemicals of concern (COC) for this work to those COCs that were previously found in a de minimis area if the Navy was going to propose that the site requires no further action; however, the BCT noted that, given surrounding data for the area or known sources for the contamination, the Navy can limit the COC list to what is reasonable to expect (i.e. if there was only one sample defining a DM, additional sampling for all COCs should be conducted).

SCHEDULE

The BCT requested a 2-day meeting planned for October 31 and November 1, 2000. The Navy requested an extension for the submittal date of the data gaps work plan, originally scheduled for November 8, 2000, since the scope of work is now larger than previously anticipated. The Navy will provide a revised submittal date for the work plan to the BCT after the planned working meetings.

The Navy proposed providing the BCT with an interim deliverable by the October 19 BCT meeting, which will include:

- A table with screening criteria (1995 preliminary remediation goals [PRG], 1998 PRGs, 1999 PRGs, ecological soil values, and soil screening values for affects to groundwater). This table will also note which criteria a soil sample has exceeded.
- A brief write-up of the Navy's assessment of potential data gaps
- A reuse map for use in evaluating data gaps

ATTACHMENT A

LIST OF ATTENDEES

Organization	Name	Phone Number	E-Mail Address
Navy	Richard Mach	619.532.0913	MachRG@efdswnavfac.navy.mil
	Martin Offenhauer	619.532.0931	OffenhauerMB@efdswnavfac.navy.mil
U.S. EPA	Sheryl Lauth	415.744.2387	Lauth.sheryl@epamail.epa.gov
DTSC	Chein Kao	510.540.3822	ckao@dtsc.ca.gov
	Eileen Hughes		
RWQCB	Brad Job	510.622.2400	lbj@rb2.swrcb.ca.gov
City of SF	John Chester	415.554.3181	JCHESTER@PUC.SF.CA.US
Developer's	Ron Goloubow	510.596.9550	ron.goloubow@lfr.com
Contractor			
Tetra Tech EM Inc.	Jean Michaels	415.222.8346	michaej@ttemi.com
<i>CLEAN contractor</i>	Darlene McCray	415.222.8236	mccrayd@ttemi.com
	Erik Brown	415.222.8335	browne@ttemi.com
	Mike Wanta	415.222.8241	wantam@ttemi.com
	Art Currier	619.718-9676	curriea@ttemi.com

ATTACHMENT B

HPS BCT ACTION ITEMS

Action	Date Identified	Responsible Party	Date Due	Date Accomplished	Notes
Parcel E. The RWQCB will provide the BCT with their sediment screening values for wetlands creation.	26-Sep-00	Brad Job (RWQCB)	TBD		
Parcel E. The Navy will provide a list of ecological soil screening values that have changed from the RMR process.	26-Sep-00	Richard Mach (Navy)	19-Oct-00		
Parcel E. The Navy will prepare a table with additional data gap screening criteria.	26-Sep-00	Richard Mach (Navy)	19-Oct-00		