



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

N60258.001030  
NSY LONG BEACH  
SSIC # 5090.3

5090  
Ser 56LB.KB/0353  
September 8, 1998

Mr. Alvaro Gutierrez  
Department of Toxic Substances Control  
Region 4  
5796 Corporate Avenue  
Cypress, CA 90630

Dear Mr. Gutierrez:

Enclosed is a copy of the Meeting Minutes from the August 19, 1998 Site Tour of the former Long Beach Naval Shipyard. These meeting minutes clarify sampling location and support the *Draft Work Plan Addendum No. 2 for Ten Group B Areas of Concern (AOCs) Investigation* that was delivered to you on August 18 1998. Request written comments on the Meeting Minutes and the *Draft Work Plan Addendum No. 2 for Ten Group B Areas of Concern (AOCs) Investigation* be provided by September 14 1998 and forwarded to:

Commander  
Attn: Mr. Kurt Baer (Code 56LB.KB)  
Southwest Division, Naval Facilities Engineering Command  
1220 Pacific Highway  
San Diego, CA 92132-5190

For question or concerns regarding this matter, please contact Mr. Kurt Baer at (619) 532-4713.

Sincerely,

A handwritten signature in black ink, appearing to read "Faiq Aljabi".

FAIQ ALJABI  
Environmental Engineer  
by direction of the Commander

Enclosure: 1. Meeting Minutes from the August 19, 1998 Site Tour of the former Long Beach Naval

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Copy to: (w/encl)  
Mr. Hugh Marley  
California Regional Water Quality Control Board  
Los Angeles Region  
101 Centre Plaza Drive  
Monterey Park, CA 91754-2156

Mr. Martin Hausladen  
U. S. Environmental Protection Agency  
Region IX  
75 Hawthorne Street  
San Francisco, CA 94105-3901

Mr. Dave Bjostad  
CDM Federal Programs Corporation  
3760 Convoy Street, Suite 210  
San Diego, CA 92111

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Blind copy to:  
5600/5601  
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56LB/KB  
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Writer: K. Baer, Code 56LB.KB, 2-4713  
Typist: N. Lilley, Code 564.NL, 8-Sep-98

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## MEETING MINUTES

**SUBJECT:** Work Plan Addendum Number 2 - Recommended Sampling Locations for Ten Areas of Concern (AOCs)

**MEETING DATE:** 19 August 1998

**ACTIVITY:** Long Beach Naval Shipyard (LBNSY) AOCs Investigation

**ATTENDEES:** Alvaro Gutierrez (DTSC)  
Martin Hausladen (U.S. EPA Region IX)  
Hugh Marley (RWQCB)  
Kurt Baer (SWDIV)  
Dave Bjostad (CDM Federal)  
Greg Maynor (CDM Federal)

### PURPOSE:

This meeting was held to discuss the number of samples and locations recommended in Draft Work Plan Addendum Number 2, dated 18 August 1998, for ten AOCs. The meeting was onsite at the Long Beach Naval Shipyard and consisted of visiting each of the ten AOCs proposed for sampling.

Note: the items below are presented in the order in which they appear in Work Plan Addendum Number 2, not in the order in which the sites were visited in the field.

### DISCUSSION:

1. CDM led a tour of the Former and Current Oil Production Areas and identified sampling locations.
2. The location of sampling the Former Acetylene Generating Plant, located inside the Transportation Facility Yard, was identified.
3. The RWQCB recommended that one additional soil and groundwater sample be added for the Chemical Cleaning Area southwest of Building 128. By adding this third groundwater sample, the groundwater flow direction can be estimated, using sample locations that form a triangle. The direct push sampling rods would be left in place overnight to obtain accurate water level measurements.
4. At the Former Storage Area for Scrap Metals and Oils, the DTSC recommended that samples be located closer to Building 132 than shown in Figure 5 of the Draft Work Plan Addendum Number 2 because the main storage area was likely adjacent to Building 132.

## MEETING MINUTES (continued)

U.S. EPA requested that PCBs be added to the list of analyses for samples from this site because oils may have contained PCBs.

5. At the Diesel Test Cells in the northeast corner of Building 129, the RWQCB recommended two additional soil and groundwater samples inside the building next to the utility trenches that appeared to have contained fuels.
6. At the Transportation Facility Yard, a total of 15 soil and 15 groundwater samples were recommended in Work Plan Addendum Number 2. The DTSC requested that one additional soil and groundwater sample be collected in Building 54 next to the oil changing service pits (only one sampling location had been planned to cover the two pits). At the western portion of the yard, one sample location will be moved closer to a grease pit. DTSC requested that (1) former buildings be shown in dashed lines in Figure 7 to distinguish them from current buildings and (2) buildings be labeled in Figure 7 (e.g., label Building 73 as Bicycle Shop/Tire Services). U.S. EPA asked about radiation warning signs at Building 52 (Mr. Baer later discovered that this issue was satisfactorily resolved in a previous report). Finally, Mr. Bjostad stated that two hydraulic cranes/lifts will be addressed under a separate delivery order, so the two sampling locations shown in Figure 7 of the Draft Work Plan Addendum Number 2 can be moved to other locations.
7. At the Equipment with PCB Oils AOC in Building 132, DTSC and U.S. EPA recommended that one of the four wipe samples be moved to underneath the equipment, with the three others forming a triangle around the equipment.
8. At the Cleaning Tanks in Building 205, the regulatory agencies recommended that sampling locations be moved several feet to a location directly over the former aboveground storage tanks. The northernmost sample should be moved a few feet to the west, to locate the groundwater sample more downgradient of the tanks.
9. The Tank 216.1 AOC sampling locations from previous studies were identified. Samples have been collected on three sides of the UST, but not on the northernmost side, which happens to be hydraulically downgradient; therefore, the sample location proposed in Draft Work Plan Addendum Number 2 was accepted.
10. At Tanks 202.1, 202.2, and 202.3, the regulatory agencies recommended that soil and groundwater samples be collected inside the building because these locations would be hydraulically downgradient of the tanks. Sampling adjacent to the tanks (sumps) on the north side is recommended, rather than sampling directly beneath the tanks, for the following reasons: (1) the bottoms of the tanks are made of concrete, (2) tank bottoms are about 10 feet below ground surface, and (3) they are covered at ground surface with large metal grates. Therefore, sampling will be attempted beneath the hallway north of the tanks after concrete is cored.

## MEETING MINUTES (continued)

In addition, another potential source of wastes was identified by the regulatory agencies: sandblasting at Buildings 203 and 204. The regulatory agencies recommended that (1) one sampling location be moved from the tanks at Building 202 to the area between Buildings 203 and 204; (2) one sampling location be moved from the tanks at Building 202 to an area with hydraulic fluid oil stains between Buildings 203 and 204. (Soil at these latter two sampling locations should be collected at one foot below ground surface, with groundwater sampling only if soil contamination is identified); and (3) one storm drain sediment sample be collected south of the area between Buildings 203 and 204.

In summary, six sampling locations as proposed in Draft Work Plan Addendum Number 2 will be retained, but moved to locations that will better characterize waste source areas. One sediment sample will be added to the Final Work Plan Addendum Number 2.

11. One new AOC was identified by the regulatory agencies south of Building 132: Coolant recovery tanks. It is not clear that these tanks were ever used (closeout paper work attached to the tanks indicate that the tanks were never used).