



California Regional Water Quality Control Board

San Francisco Bay Region



Winston H. Hickox
Secretary for
Environmental
Protection

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HUNTERS POINT
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File No. 2169.6032 (MBR)

Mr. Richard G. Mach Jr., P.E.
BRAC Environmental Coordinator HPSY
Department of the Navy
Southwest Division, Naval Facilities Engineering Command
1220 Pacific Highway
San Diego, CA 92132-5190

**Subject: Revised Draft Petroleum Hydrocarbon Soil and Groundwater Sampling Plan,
Parcels C, D, and E, Hunters Point Shipyard, San Francisco, CA, August 13, 2001**

Dear Mr. Mach:

San Francisco Bay Regional Water Quality Control Board (RWQCB) staff has reviewed the above referenced document and has the following general comments.

- 1) The proposed soil cleanup goals for the total of all fractions of total petroleum hydrocarbons (TTPH) are required to be protective of human health and the environment. The Navy needs to demonstrate the level of protectiveness the proposed TTPH soil cleanup goals provide to human health and the environment. (see table below).

PROPOSED REUSE	SOIL DEPTH (feet bgs)	SOIL TTPH CLEANUP (mg/kg)
Residential	0 to 10	3,500
Industrial	0 to 4	3,500
Industrial	4 to 10	Mobile free-phase hydrocarbons will be removed

- 2) Similarly, the Navy needs to demonstrate the level of protectiveness the proposed TTPH groundwater cleanup goals (see table below) provide to human health and the environment.

DISTANCE TO SHORELINE (feet)	GROUNDWATER TTPH CLEANUP GOAL (ug/L)
0 to 50	1,400
50 to 100	2,100
100 to 150	4,800
150 to 200	9,500
200 to 250	16,000
>250	20,000

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at <http://www.swrcb.ca.gov>.

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Please feel free to call me at (510) 622-2411 to discuss these or any other issues.

Sincerely,



Michael Bessette Rochette, R.G.
Remedial Project Manager

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