



**DEPARTMENT OF THE NAVY**  
BASE REALIGNMENT AND CLOSURE  
PROGRAM MANAGEMENT OFFICE WEST  
1455 FRAZEE RD, SUITE 900  
SAN DIEGO, CA 92108-4310

5090  
Ser BPMOW.MB/0297  
January 31, 2007

Mr. Chip Gribble  
California Environmental Protection Agency  
Department of Toxic Substances Control  
700 Heinz Avenue, Suite 200  
Berkeley, CA 94710-2737

Dear Mr. Gribble:

The Navy requests your concurrence to perform additional field activities to complete the remedial actions for the Marine Corps Firing Range (MCFR) at the former Mare Island Naval Shipyard. The Navy has identified several grids within the Pistol Range portion of the MCFR as being impacted with polycyclic aromatic hydrocarbons (PAHs) above the threshold considered suitable for property designated for unrestricted use. In addition, mercury was found at levels that potentially could be ecologically threatening on two grids. The Navy also intends to perform additional characterization sampling to confirm the extent of PAH contamination. Consistent with the approved time critical removal action (TCRA), it is the Navy's intent to relocate soil exceeding PAH action levels from the MCFR to the containment area at Investigation Area (IA) H1 for use as foundation layer fill. While PAHs were not previously identified in the Action Memorandum (AM) as Chemicals of Concern (COC), their potential presence was sufficient to identify them as chemicals of potential concern (COPCs) and provisions were made in the AM to reevaluate that designation based on sampling that was to occur as part of this remedial action. Based on their discovery above action levels, the Navy is redesignating PAHs as COCs for this remedial action and is proposing an action level of 0.62 to 0.9 parts per million (ppm) based on benzo(a)pyrene (BaP) equivalents. Grids with BaP levels below 0.62 ppm are suitable for unrestricted use and grids with BaP levels above 0.62 ppm will have action taken to remove affected soil. Based on the proposed action level of 0.62 ppm BaP equivalent and ecological screening criteria for mercury, the Navy has identified the following grids as requiring action:

- T16 at 1-1.5 feet below ground surface (bgs).
- U17 at 1-1.5 feet bgs
- W15 at 1-1.5 feet bgs
- Grids P18 and P20 due to high mercury
- Grid K21 will be further characterized prior to any soil removal
- All MCFR soil transported to Investigation Area H1 will be used for landfill cap foundation fill material.

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The Navy intends to begin work immediately to facilitate completion of the project. Please submit your concurrence to these proposed additional field activities as soon as possible. Should you have any questions concerning this document or if you need additional information, please contact Mr. David Godsey at (619) 532-0976, or you can contact me at (619) 532-0967.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael S. Bloom", with a long horizontal flourish extending to the right.

Michael S. Bloom  
BRAC Environmental Coordinator  
By direction of the Director

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Copy to:

<p>Ms. Carolyn d'Almeida U. S. Environmental Protection Agency Mail Code SFD 8-1 75 Hawthorne Street, 9<sup>th</sup> Floor San Francisco, CA 94105-3901</p>	
<p>Mr. Henry Chui California Environmental Protection Agency Department of Toxic Substances Control 700 Heinz Avenue, Suite 200 Berkeley, CA 94710-2737</p>	<p>Mr. Brian Thompson Regional Water Quality Control Board San Francisco Bay Region 1515 Clay Street, Suite 1400 Oakland, CA 94612</p>