



# California Regional Water Quality Control Board

## San Francisco Bay Region

Linda S. Adams  
Secretary for  
Environmental Protection

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Arnold Schwarzenegger  
Governor

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HUNTERS POINT  
SSIC NO. 5090.3.A

Letter sent via email

Date: August 18, 2009  
File No. 2169.6032 (RAS)  
GeoTracker Global ID: T0607591567

U.S. Department of the Navy  
Attn: Mr. Keith S. Forman  
BRAC Program Management Office – West  
1455 Frazee Road, Suite 900  
San Diego, CA 92108-4310  
Via email only: [keith.s.forman@navy.mil](mailto:keith.s.forman@navy.mil)

Subject: Comments on the *Draft Parcels D-1 and G, Groundwater Treatability Study Technical Report, IR-09, IR-33, and IR-71, Hunters Point Shipyard, San Francisco*, dated July 7, 2009

Dear Mr. Forman:

I have reviewed the *Draft Parcels D-1 and G, Groundwater Treatability Study Technical Report, IR-09, IR-33, and IR-71 (Draft GWTS)*. In addition, I have reviewed comments on this document provided by the California Department of Toxic Substances Control (DTSC) dated August 13, 2009 and comments provided by the City of San Francisco (City) dated August 7, 2009. I concur with the DTSC comments and City comments on the *Draft GWTS* and provide the following additional comments.

### COMMENTS

#### **Comment #1 – Figure 25 (Post-Injection Hydropunch and Groundwater Monitoring Well Results – December 2008 to March 2009)**

Sample locations IR71SV23 and IR09MW08A have incorrect dates on this figure that post-date the document: 12/09 and 08/09, respectively. In addition, for the inset map of IR-09, the symbols for soil vapor sampling locations IR09SV5, IR09SV27, and IR09SV28 do not match those on Figure 26 (Post-Injection Soil Vapor Results – December 2008 to March/April 2009), and incorrectly indicate that no post-injection soil vapor sampling was performed in IR-09.

#### **Comment #2 – Table 16 (Post-Injection GWTS Soil Vapor Sample Data Dec. '08 to Apr '09)**

Page 2 of 6, Page 4 of 6, and Page 6 of 6 should have the analyte repeated under the “Analyte” column header rather than sample results.



**Comment #3 – Table 18 (IR-09 North Soil Vapor and Groundwater Sampling Results Summary – Post-Injection Week 2 January 2009)**

The use of NA (not applicable) in the results columns for non-detect results is confusing. Please consider substituting an abbreviation for non-detect along with the constituent's method reporting limit/range.

**Comment #4 – Table 33 (Post-Injection Potential Plume Displacement Analysis)**

Under the Net Change column, please indicate whether the net change is positive or negative. Also, because the pre-injection data from IR71MW28A and IR71MW30A were non-detect, under the notes, please show the formula for calculating net change and state how the calculations for non-detects were handled.

Please contact me at (510) 622-2445 or [rsteenson@waterboards.ca.gov](mailto:rsteenson@waterboards.ca.gov) if you have any questions.

Sincerely,



Digitally signed by  
Ross Steenson  
Date: 2009.08.18  
15:53:07 -07'00'

Ross Steenson, PG, CHG  
Engineering Geologist  
Groundwater Protection Division

Cc (via email only):

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