



**LEGEND**

**February 2010 Groundwater Monitoring Results**

Total Dissolved Chromium [Cr(T)]  
 Hexavalent Chromium [Cr(VI)]

MW-61 ← Well ID  
 1.99/2.04 ← Cr(VI)/Cr(T) concentrations, micrograms per liter (µg/L)

ND = not detected  
 NS = not sampled

**Cr(VI) Concentrations by Well Type**

<b>Monitoring Well</b>	<b>Supply Well or Other Well</b>
● < 10 µg/L	▲ < 10 µg/L
● 10 - < 50 µg/L	▲ 10 - < 50 µg/L
● 50 - < 100 µg/L	▲ 50 - < 100 µg/L
● 100 - < 1,000 µg/L	▲ 100 - < 1,000 µg/L
● ≥ 1,000 µg/L	▲ ≥ 1,000 µg/L

**Notes:**

- The concentration contours are based on chromium results from the site-wide GMP sampling conducted February 9-19, 2010 and results for selected wells sampled for IRZ and other monitoring in February 2010 (shown in italics). Private wells 23-13, 23-14, 23-24, and 23-26 sampled on January 19, 2010. Results from long-screen supply wells (gray shade labels) were not used for contouring.
- Concentration contours represent the maximum extent of Cr(VI) or Cr(T) at any depth within the upper aquifer. Some groundwater results for wells located within the 50 and 10 µg/L contours are less than 50 and 10 µg/L. Additional chromium sampling is conducted for performance monitoring of PG&E's IRZ remediation projects. See IRZ monitoring reports for the additional data collected.

**FIGURE 5  
 HEXAVALENT AND TOTAL CHROMIUM  
 CONCENTRATIONS, FEBRUARY 2010  
 AND INTERPRETED MAXIMUM PLUME  
 OUTLINE IN UPPER AQUIFER**

SITE-WIDE GROUNDWATER MONITORING PROGRAM  
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