



**LEGEND**  
**August 2009 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	
Monitoring Well	Supply Well or Other Well
● < 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 August 4-13, 2009 and results for selected wells sampled for IRZ and other monitoring in August 2009 (shown in italics). Results from long-screen supply wells and lower aquifer wells (shown in gray shade) 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.

**FIGURE 5**  
**HEXAVALENT AND TOTAL CHROMIUM**  
**CONCENTRATIONS, AUGUST 2009**  
**AND INTERPRETED MAXIMUM PLUME**  
**OUTLINE IN UPPER AQUIFER**

SITE-WIDE GROUNDWATER MONITORING PROGRAM  
 PACIFIC GAS & ELECTRIC CO. COMPRESSOR STATION  
 HINKLEY, CALIFORNIA