



Approximate 50 µg/L boundary  
Total including Hexavalent Chromium  
concentrations in Upper Aquifer,  
February 2007

Approximate 10 µg/L boundary  
Total including Hexavalent Chromium  
concentrations in Upper Aquifer,  
February 2007  
(Interim Delineation Value)

Approximate 4 µg/L boundary  
Hexavalent Chromium  
concentrations in Upper Aquifer,  
February 2007  
(Interim Delineation Value)

Approximate groundwater  
elevation contour, February 2007

Results for private supply wells  
on properties located 3.5 to 4.0 miles  
east of the Compressor Station

- 04E-02 = ND / 0.315\*
- 04E-03 = ND / ND\*
- 05E-01 = ND / 0.863\*
- 05E-02 = ND / 0.602\*
- 33E-01 = ND / ND\*
- 34E-01 = 1.21 / 0.975\*

10 / 10 Concentration of Total Chromium/Hexavalent Chromium (µg/L) in Groundwater, February 2007

**Notes:**

1. Groundwater results from February 2007 sampling.
2. Groundwater results from supply wells shown for presentation purposes, and were not used in contouring.
3. Some groundwater results from wells located within the 50 µg/L [Cr(T)] line are less than 50 µg/L.
4. \* = Results not used for contouring.
5. ND = Not detected above reporting limit

Concentration Cr(VI) in micrograms per liter (µg/L)

**Monitoring Well**

- < 10 µg/L
- 10 - < 50 µg/L
- 50 - < 100 µg/L
- 100 - < 1000 µg/L
- ≥ 1000 µg/L

**Supply Well or Other Well**

- ▲ < 10 µg/L
- ▲ 10 - < 50 µg/L
- ▲ 50 - < 100 µg/L
- ▲ 100 - < 1000 µg/L
- ▲ ≥ 1000 µg/L

**FIGURE 4  
DISTRIBUTION OF TOTAL AND  
HEXAVALENT CHROMIUM IN  
GROUNDWATER, FEBRUARY 2007  
AND INTERPRETED PLUME BOUNDARY  
IN THE UPPER AQUIFER**

GROUNDWATER MONITORING & REMEDIATION PROJECT  
PACIFIC GAS & ELECTRIC CO.  
COMPRESSOR STATION  
HINKLEY, CALIFORNIA