



- Legend**
- Groundwater Monitoring Well
 - Agricultural Supply Well
 - ⊕ Domestic Supply Well
 - Other Supply Well
 - Groundwater Extraction Well (active)
 - ⊕ Multi-use Test Well, or Inactive Extraction/Injection Well
 - ◆ Freshwater Injection Well
 - ★ Step-Out Monitoring Wells Planned or Under Construction
 - PG&E-Owned Property
 - ▭ County Parcels
 - Approximate Limit of Saturated Alluvium Upper Aquifer
 - Bedrock Exposed at Ground Surface

MW-20 730/760 Well ID
 Cr(VI)/Cr(T) concentrations in micrograms per liter (µg/L); maximum of primary and duplicate samples during Second Quarter 2012 sampling

Cr(VI) = Hexavalent Chromium
 Cr(T) = Total Dissolved Chromium
 ND = Not Detected; NS = Not Sampled

Groundwater Cr(VI) Concentrations in Monitoring Wells

- > 1,000 µg/L
- 100 - 1,000 µg/L
- 50 - 100 µg/L
- 10 - 50 µg/L
- 3.1 - 10 µg/L
- < 3.1 µg/L or ND

- Notes:**
1. Chromium results are shown for site-wide Groundwater Monitoring Program and domestic wells selected in situ Reactive Zone (IRZ) monitoring wells are shown to aid in plume mapping. For
 2. The concentration contours are based on Second Quarter 2012 chromium results for the ground Upper Aquifer as noted on Figures 3-2 and 3-3. Results for domestic wells and lower aquifer
 3. Concentration contours represent the maximum extent of either Cr(VI) or Cr(T) at any depth within the 50-, 10-, and 3.1/3.2 µg/L chromium contours are less than the contoured concentration



domestic wells sampled in the Second Quarter (April-June) 2012 monitoring period. Second Quarter 2012 results for chromium are shown. For wells sampled multiple times during the reporting period, the most recent results are shown.

For the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the upper aquifer monitoring wells (brown colored labels) were not used for chromium plume contouring.

any depth within the upper aquifer based on Second Quarter 2012 chromium results. Some chromium results for wells at different depths are shown.

FIGURE 3-1
CHROMIUM RESULTS FOR SECOND
QUARTER 2012 GROUNDWATER
MONITORING AND DOMESTIC
WELL SAMPLING AND INTERPRETED
MAXIMUM PLUME OUTLINE
IN UPPER AQUIFER
 SECOND QUARTER 2012 GROUNDWATER MONITORING
 REPORT AND DOMESTIC WELL RESULTS
 SITE-WIDE GROUNDWATER MONITORING PROGRAM
 PACIFIC GAS AND ELECTRIC COMPANY
 HINKLEY COMPRESSOR STATION
 HINKLEY, CALIFORNIA