





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

Well ID
MW-20 730/760

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:**
- Chromium results are shown for site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April-June) 2012 monitoring period. Second Quarter 2012 results for selected In Situ Reactive Zone (IRZ) monitoring wells are shown to aid in plume mapping. For wells sampled multiple times during the reporting period, the most recent results are shown.
 - The concentration contours are based on Second Quarter 2012 chromium results for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on Figures 3-2 and 3-3. Results for domestic wells and lower aquifer monitoring wells (brown colored labels) were not used for chromium plume contouring.
 - Concentration contours represent the maximum extent of either Cr(VI) or Cr(T) at any depth within the upper aquifer based on Second Quarter 2012 chromium results. Some chromium results for wells within the 50-, 10-, and 3.1/3.2-µg/L chromium contours are less than the contoured concentrations.

**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
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