



MW-61 Well ID
1.99/2.04 Cr(VI)/Cr(T) concentrations in micrograms per liter (µg/L); maximum of primary and duplicate samples during Second Quarter 2011 sampling

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

Groundwater Cr(VI) Concentrations in Monitoring Wells

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

- Notes:
- Chromium results are shown for all site-wide Groundwater Monitoring Program wells sampled in the April-June 2011 sampling event. In addition, Second Quarter 2011 results for selected In-situ Reactive Zone (IRZ) monitoring wells are shown to aid in plume mapping.
 - The concentration contours are based on chromium results from the upper aquifer groundwater monitoring wells and short-screen (<25 feet) extraction wells. Results for water supply wells, long-screen (>25 feet) extraction wells (shown in italics), and lower aquifer monitoring wells (gray shade 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 chromium results for monitoring wells and short-screen extraction wells. Some chromium results for wells within the 50, 10, and 3.1/3.2 µg/L chromium contours are less than the contoured concentrations.
 - The 3.1/3.2 µg/L Cr(VI)/Cr(T) plume outline shown in the northeast (Thompson Road and Sonoma Street) area is inferred based on available data from the upper aquifer monitoring wells sampled during the Second Quarter 2011.
 - The chromium results shown for domestic and other private supply wells are from sampling conducted April-June 2011. For wells sampled multiple times during the reporting period, the most recent results are shown. See Table 5 for the laboratory analytical results for the domestic well sampling program.

**FIGURE 4
CHROMIUM RESULTS FOR SECOND QUARTER 2011 GROUNDWATER MONITORING AND DOMESTIC WELL SAMPLING AND INTERPRETED MAXIMUM PLUME OUTLINE IN UPPER AQUIFER**
SITE-WIDE GROUNDWATER MONITORING PROGRAM
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