



LEGEND

Chromium Results for February 2009 Groundwater Monitoring

Concentrations in micrograms per liter (µg/L)

Total Dissolved Chromium [Cr(T)]

Hexavalent Chromium [Cr(VI)]

- MW-61 ← Well ID
- 2.04/1.99 ← Cr(T)/Cr(VI) concentrations
- ND = not detected
- NS = not sampled
- J = estimated concentration

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:

1. The concentration contour lines are based on Cr(VI) and Cr(T) results from the site-wide Groundwater Monitoring Program sampling event conducted February 3-19, 2009. Additional results for selected wells sampled in February 2009 for IRZ monitoring are shown in italics. Some groundwater results from wells located within the 50 and 10 µg/L contour lines are less than 50 and 10 µg/L.
2. Groundwater results from long-screen supply wells and Lower Aquifer wells shown for presentation and were not used for contouring.

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

SITE-WIDE GROUNDWATER MONITORING PROGRAM
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