

**LEGEND**

- GMP well sampled during May 2009 quarterly monitoring event
- GMP well not sampled during May 2009 event

6.48 Concentration of hexavalent chromium [Cr(VI)] in groundwater, micrograms per liter (µg/L)

Results shown are maximum concentrations in primary and duplicate samples from wells completed in Deep zone of Alluvial Aquifer.

ND (0.2) Cr(VI) not detected at listed reporting limit

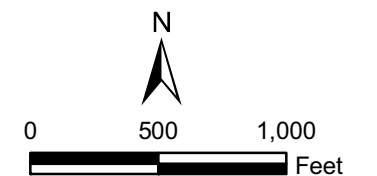
Cr(VI) Concentrations - May 2009

- Not detected at analytical reporting limit
- Concentration between reporting limit and 32 µg/L
- Concentration ≥ 32 µg/L

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Approximate outline of monitoring wells in Alluvial Aquifer with Cr(VI) concentrations ≥ 32 µg/L based on March 2009 groundwater sampling

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Approximate bedrock contact at 395 ft MSL elevation

Note: In the floodplain area, the 32 µg/L line for Cr(VI) in deep zone (80-90 feet below Colorado River) is estimated based on available groundwater sampling, hydrogeologic and geochemical data. There are no data confirming the existence of Cr(VI) under the Colorado River.



**FIGURE 3-2c**  
Cr(VI) SAMPLING RESULTS  
DEEP WELLS IN ALLUVIAL AQUIFER  
MAY 2009

SECOND QUARTER 2009 IM PERFORMANCE MONITORING AND SITE-WIDE GROUNDWATER AND SURFACE WATER MONITORING REPORT  
PG&E TOPOCK COMPRESSOR STATION  
NEEDLES, CALIFORNIA