

- LEGEND:**
- Groundwater monitoring well
 - Agricultural supply well
 - Domestic supply well
 - Other supply well
 - Other extraction well (active)
 - Multisite test well, or inactive extraction/injection well
 - Freshwater injection well
 - New wells installed during Third Quarter 2014
 - PG&E-owned property
 - PG&E Compressor Station
 - County parcels
 - Transmission lines
 - Approximate limit of saturated alluvium upper aquifer
 - Approximate location of Lockhart Fault; fault trace is inferred, and there is no surface expression (Stamets et al., 2007)
 - Bedrock exposed at ground surface
 - Western area

MW-77S	Well ID
0.87ND	Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Third Quarter 2014 sampling.

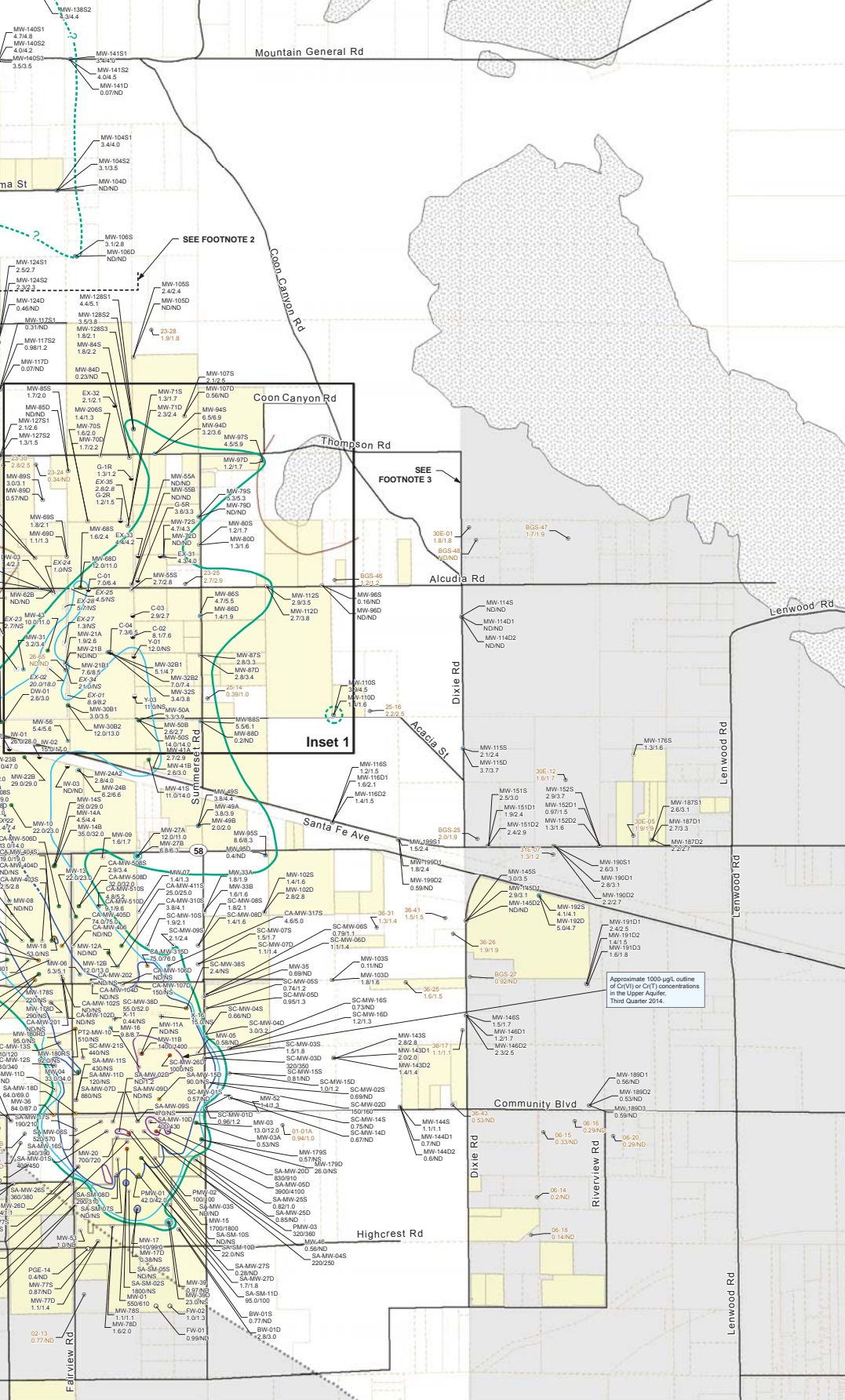
ABBREVIATIONS:

- µg/L micrograms per liter
- Cr(VI) hexavalent chromium
- Cr(T) total dissolved chromium
- IRZ In Situ Reactive Zone
- ND not detected
- NS not sampled

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 10 to 50 µg/L
- 100 to 1,000 µg/L
- 3.1 to 10 µg/L
- 50 to 100 µg/L
- Less than 3.1 µg/L or ND

- NOTES:**
- Chromium results are shown for site-wide Groundwater Monitoring Program and domestic wells during the reporting period; the most recent results are shown.
 - The concentration contours are based on Third Quarter 2014 chromium results for the Upper Aquifer as noted on Figures 5-1 and 5-2. Results for domestic wells (brown-colored) pursuant to the Lahontan Regional Water Quality Control Board's Letter Conditional Acceptance.
 - Pursuant to the Lahontan Regional Water Quality Control Board's letter *Review of Chromium* December 12, 2013, groundwater monitoring wells are not used for chromium contouring.
 - Chromium plume contouring for concentrations of 10, 50 and 1000 µg/L are completed using and Northwest Freshwater Injection Projects and represent a composite of the shallow and



**FIGURE 5-5
CHROMIUM RESULTS FOR THIRD
QUARTER 2014 GROUNDWATER
MONITORING AND DOMESTIC
WELL SAMPLING AND COMPLIANCE
MAXIMUM PLUME OUTLINE
IN UPPER AQUIFER**
THIRD QUARTER 2014 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM
PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
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