

LEGEND:

- Groundwater monitoring well
- Agricultural supply well
- Domestic supply well
- Other supply well
- Groundwater extraction well (active)
- Multiuse test well, or inactive extraction/injection well
- Freshwater injection well
- New groundwater monitoring well first sampled in First Quarter 2015
- PG&E-owned property
- PG&E Compressor Station
- County parcels
- Transmission lines
- Approximate limit of saturated alluvium upper aquifer
- Approximate location of Lookshait Fault; fault trace is inferred, and there is no surface expression (Stamos et al., 2001)
- Bedrock exposed at ground surface

MW-775 Well ID
0.95/1.3
Cr(VI)/Cr(III) concentrations in µg/L; maximum of primary and duplicate samples during First Quarter 2015 sampling.

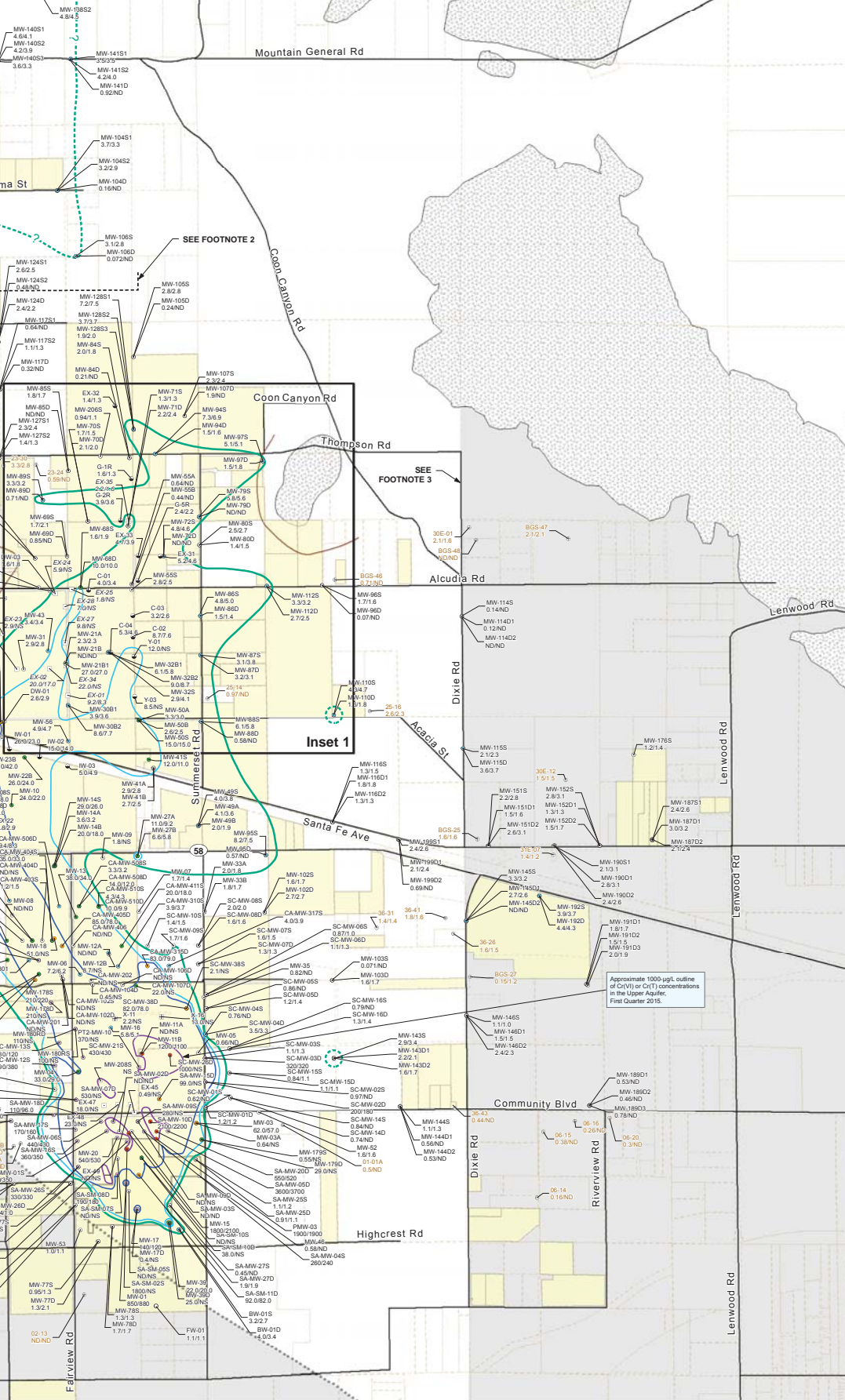
ABBREVIATIONS:
µg/L micrograms per liter
Cr(VI) hexavalent chromium
Cr(III) total dissolved chromium
IRZ In Situ Reactive Zone
ND not detected
NS not sampled

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:

1. Chromium results are shown for site-wide Groundwater Monitoring Program and domestic monitoring wells for the reporting period; the most recent results are shown.
2. The concentration contours are based on First Quarter 2015 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 Approval.
3. Pursuant to the Lahontan Regional Water Quality Control Board's letter Review of Chromium Monitoring Wells, dated December 12, 2013, groundwater monitoring wells are not used for chromium contouring if they are not used for chromium monitoring.
4. Chromium plume contouring for concentrations of 10, 50 and 100 µg/L are completed using data from the Northwest Freshwater Injection Projects and represent a composite of the shallow and



domestic wells sampled in the First Quarter (January through March) 2015 monitoring period. For wells sampled multiple times during

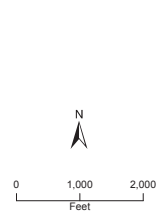
the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the non-colored labels were not used for chromium plume contouring except for those located north of Grasshopper Road.

nal Acceptance of Northern Areas Investigation Proposal dated February 26, 2014

Chromium Plume Maps, Third Quarter 2013 Groundwater Monitoring Report and Agreement with Northern Investigation Concept dated

contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.

pleted using the more robust dataset presented in the April 15, 2015 First Quarter 2015 Monitoring Report for the In Situ Reactive Zone



**FIGURE 5-5
CHROMIUM RESULTS FOR FIRST
QUARTER 2015 GROUNDWATER
MONITORING AND DOMESTIC
WELL SAMPLING AND COMPLIANCE
MAXIMUM PLUME OUTLINE
IN UPPER AQUIFER**
FIRST QUARTER 2015 GROUNDWATER MONITORING
REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM
PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA