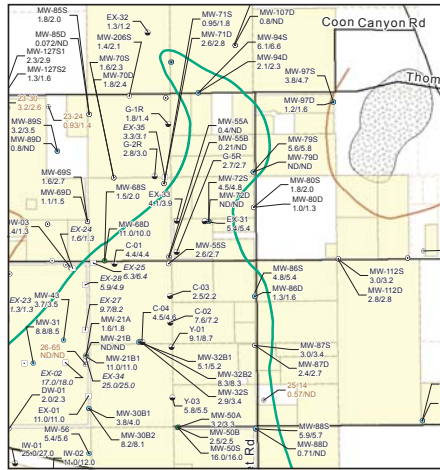


The 3.1/3.2 µg/L contour is shown as "- · - ·" where inferred and cannot be fully delineated by Second Quarter 2015 monitoring data.

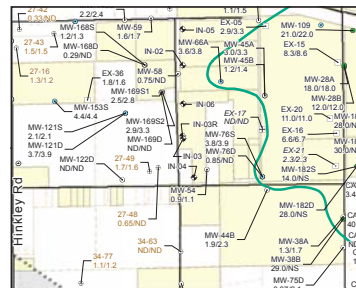
PG&E Interpreted Plume Outlines

PG&E does not agree with the contouring requirements set forth by the Water Board but has completed this map in accordance with the requested standards. The insets below provide PG&E's interpretation of several areas where they believe the requirements of the Water Board create an inaccurate representation of the chromium plume. These interpretations were created using all available hydrogeologic and geochemical information, applications of industry standard, and professional judgment. These displays present the same information and use the same scale as the larger map area.

Inset 1



Inset 2



General PG&E Comment to Figure 5-5

1. An evaluation of available hydrogeologic and groundwater quality data for the Western Area was included in the January 14, 2013, document titled *Conceptual Site Model for Groundwater Flow and the Occurrence of Chromium in Groundwater of the Western Area Report* (CH2MHILL and Stantec, 2013). The findings of the January 14 report indicate that groundwater in the Western Area contains naturally occurring chromium.
2. PG&E does not believe chromium concentrations north of the contiguous plume can be adequately evaluated with the information available at this time. Natural chromium levels present in the North Hinkley Valley will be further evaluated in the upcoming background study to be conducted by the United States Geological Survey.
3. Some monitoring wells currently used for contouring produce very little water or purge dry during sampling. Chromium concentrations from these locations, such as MW-154S1 and MW-193S3, may not be representative of the dominant groundwater flow or PG&E's impact to local groundwater.

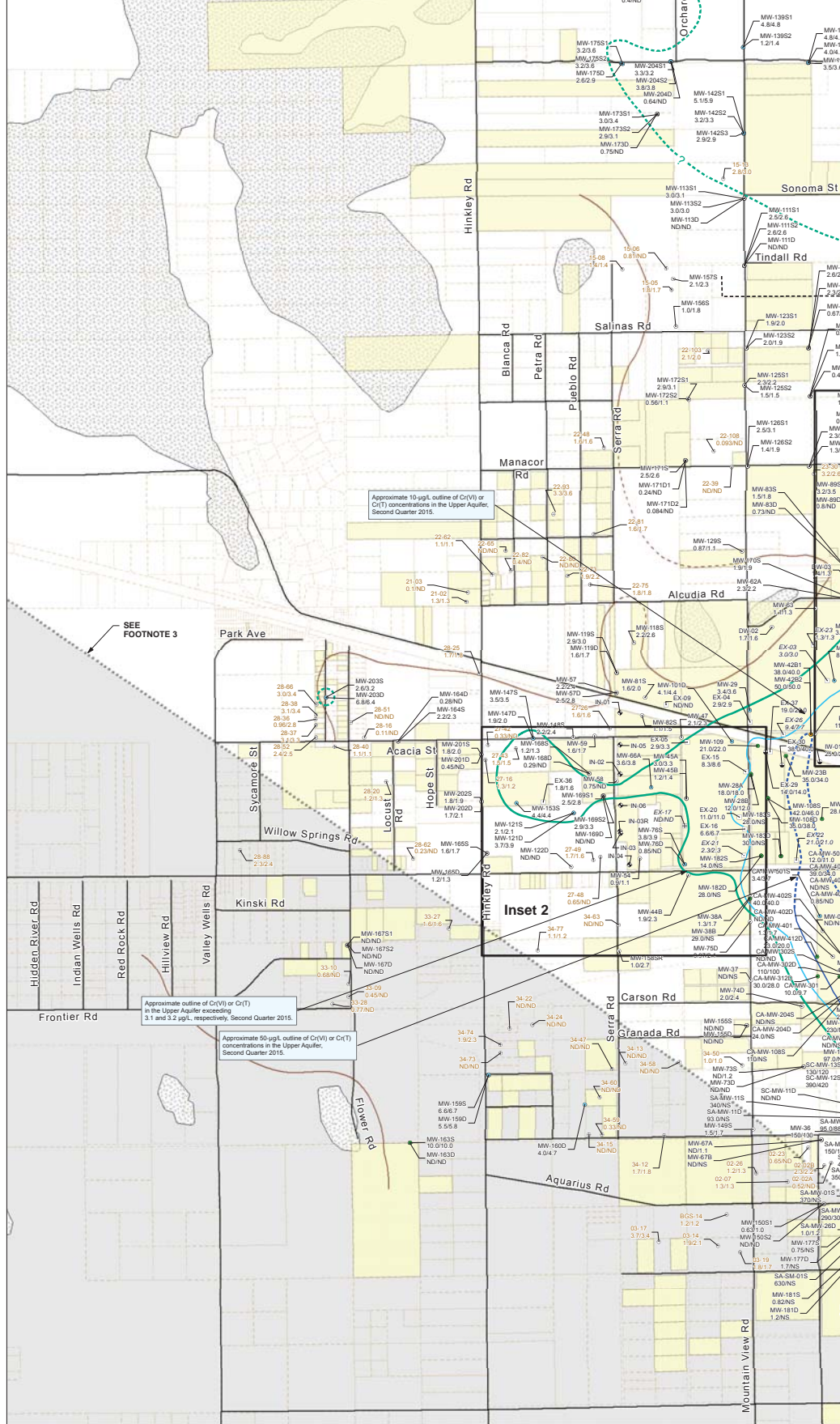
Mountain General Rd

Burnt Tree Rd

Coon Canyon Rd



MW-197S1



LEGEND:

- Groundwater monitoring well
- Agricultural supply well
- Domestic supply well
- Other supply well
- Groundwater extraction well (active)
- Multifuse test well, or inactive extraction/injection well
- Freshwater injection well
- 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 (Stamos et al., 2001)
- Bedrock exposed at ground surface

MW-77S 0.92ND Well ID
 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2015 sampling.

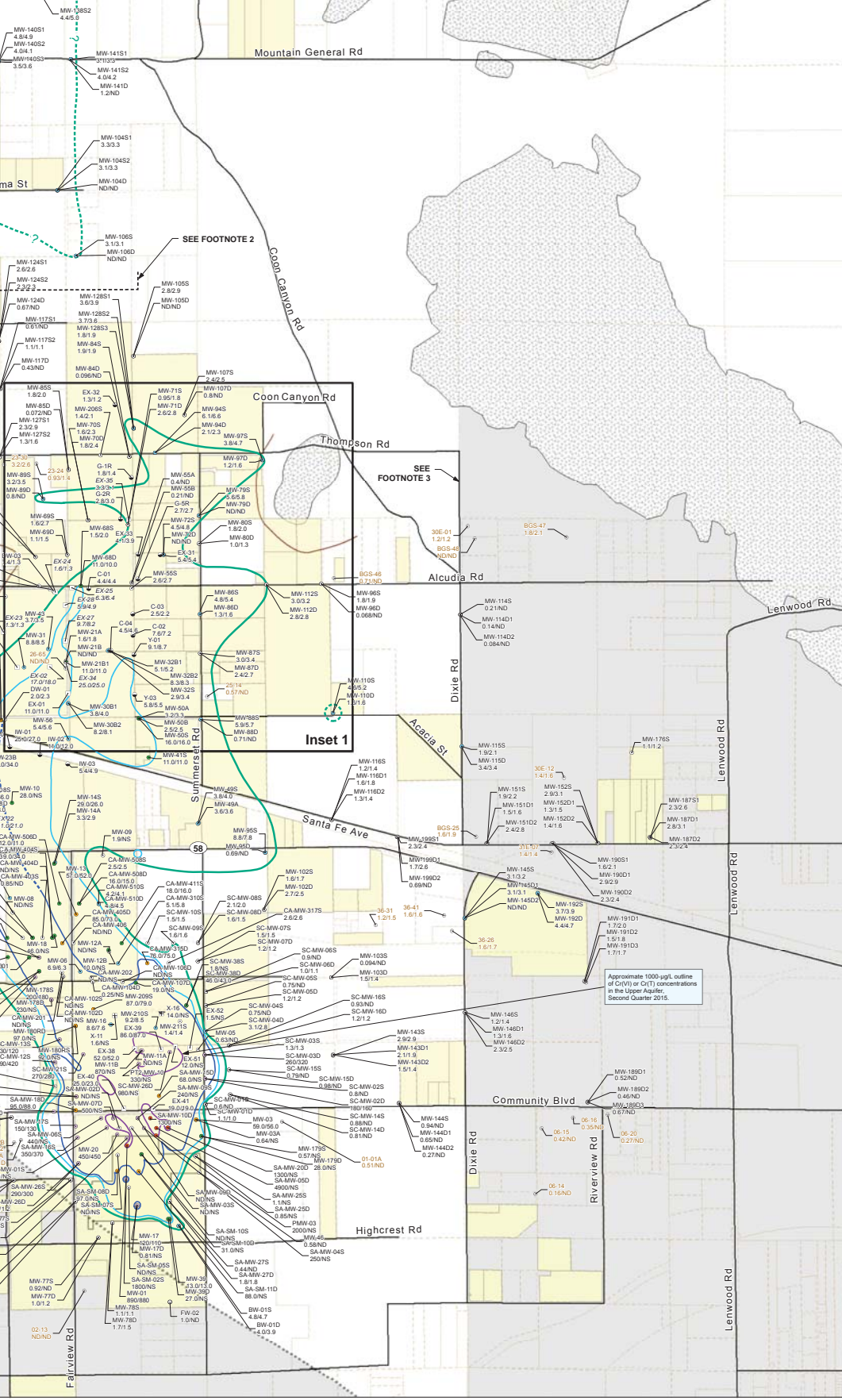
ABBREVIATIONS:
 µg/L micrograms per liter
 Cr(VI) hexavalent chromium
 Cr(T) total dissolved chromium
 RZ In Situ Reactive Zone
 ND not detected
 NS not sampled

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 reporting period, the most recent results are shown.
- The concentration contours are based on Second Quarter 2015 chromium results for the Upper Aquifer as noted on Figures 5-1 and 5-2. Results for domestic wells (down-catchment pursuant to the Lahanon Regional Water Quality Control Board's Letter Conditional Acceptance December 12, 2013, groundwater monitoring wells are not used for chromium contouring).
- Pursuant to the Lahanon 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 data from monitoring wells in the Upper Aquifer and Northwest Freshwater Injection Projects and represent a composite of the shallow and



domestic wells sampled in the Second Quarter (April through June) 2015 monitoring period. For wells sampled multiple times during

the for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the

of Chromium Plume Maps, Third Quarter 2015 Groundwater Monitoring Report and Agreement with Northern Investigation Concept dated

completed using the more robust dataset presented in the July 15, 2015 Second Quarter 2015 Monitoring Report for the In Situ Reactive Zone

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