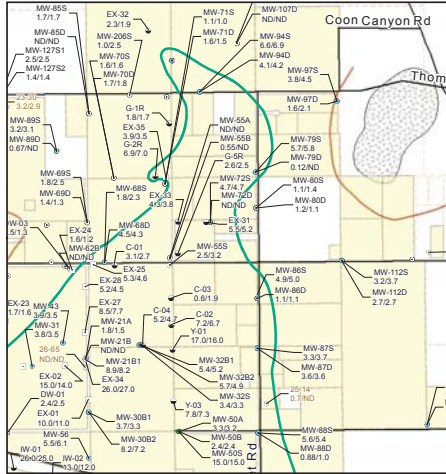


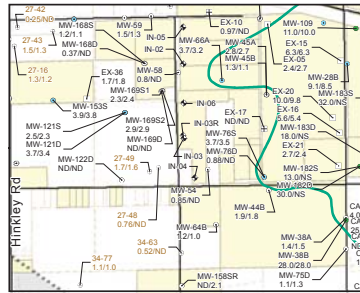
PG&E Interpreted Plume Outlines

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 Slantec, 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

02N-02
0.089ND

MW-166S1
0.28ND

MW-166S2
ND/ND

MW-197S1
1.0ND

MW-197S2
ND/ND

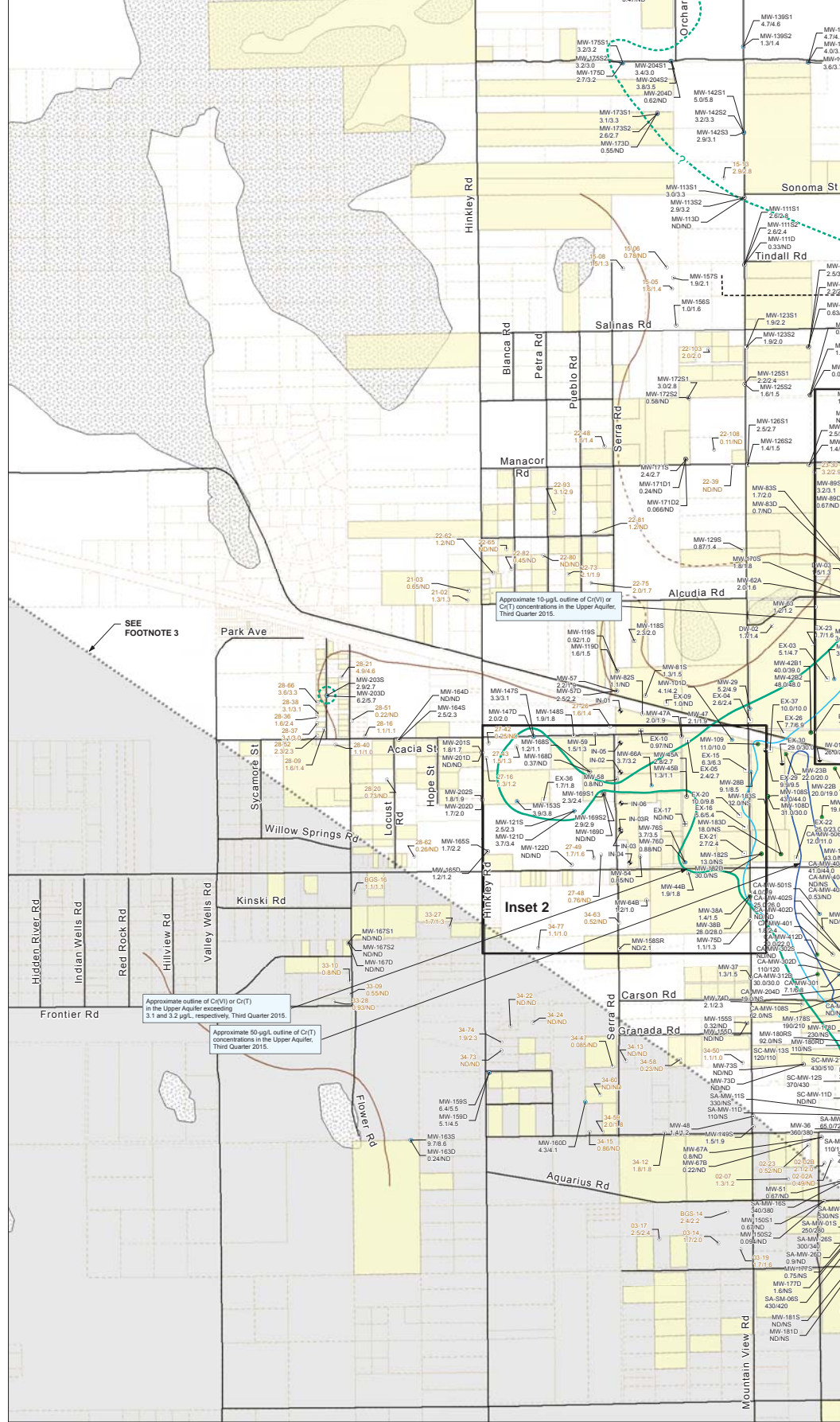
MW-197S3
ND/ND

MW-207S1
11.0/9.8

MW-207S2
2.7/2.6

MW-198S1
5.1/5.4

MW-198S2
4.8/4.2



LEGEND:

- Groundwater monitoring well
- Agricultural supply well
- Domestic supply well
- Other supply well
- Groundwater extraction well (active)
- ⊕ Multisite 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 Lookhart Fault; fault trace is inferred, and there is no surface expression (Stamos et al., 2001)
- Bedrock exposed at ground surface

MW-77S Well ID
0.88ND Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Third Quarter 2015 sampling.

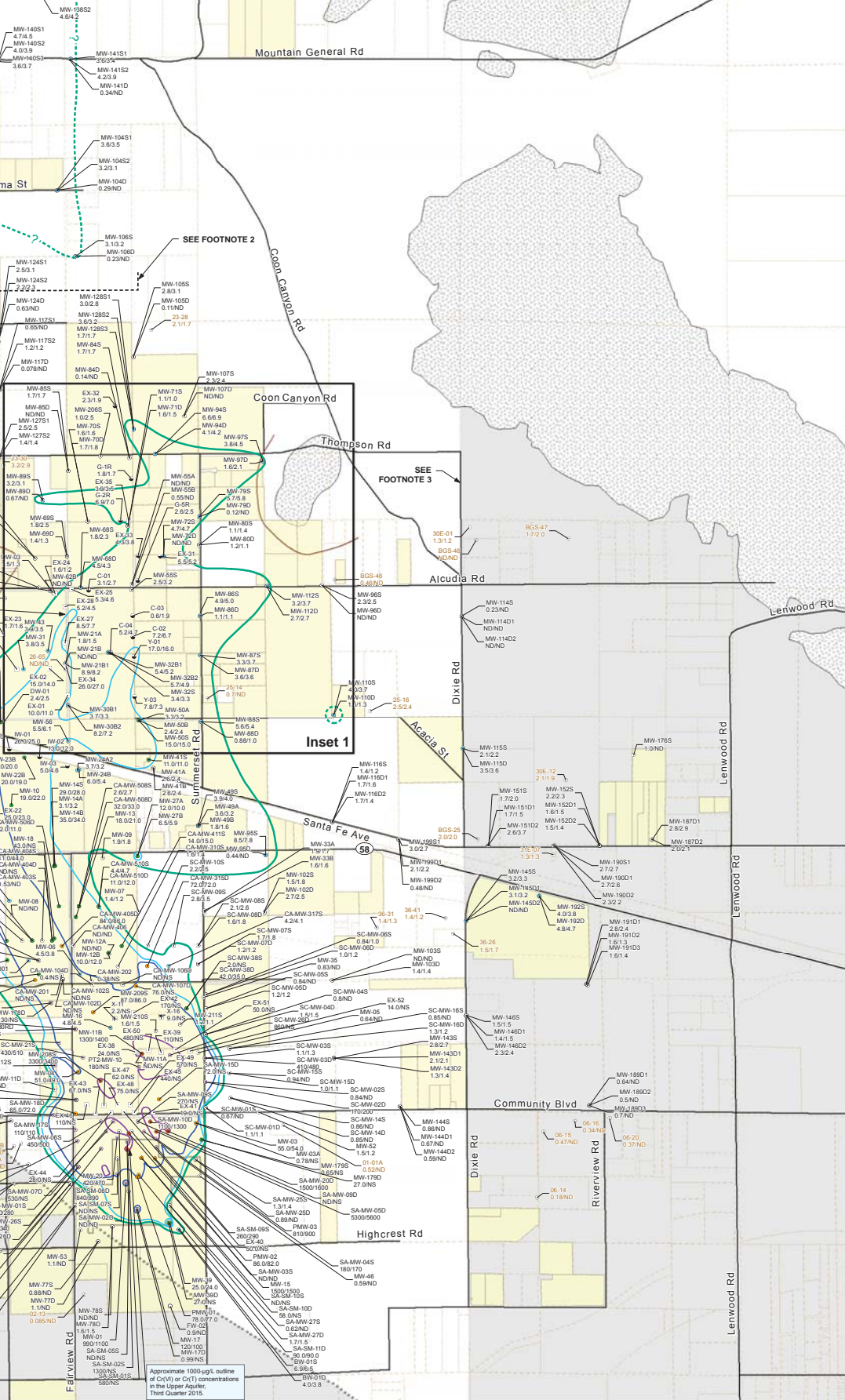
ABBREVIATIONS:
 µg/L micrograms per liter
 Cr(VI) hexavalent chromium
 Cr(T) total dissolved chromium
 IRZ In Situ Reactive Zone
 ND not detected
 NS not sampled

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 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 2015 chromium results for the ground water 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* dated December 12, 2013, groundwater monitoring wells are not used for chromium monitoring.
- Chromium plume contouring for concentrations of 10, 50 and 1000 µg/L are completed using the Northwest Freshwater Injection Projects and represent a composite of the shallow and



domestic wells sampled in the Third Quarter (July through September) 2015 monitoring period. For wells sampled multiple times during the monitoring period, the highest value is shown. Wells with NDNS (Not Detected) are shown as NDNS. Wells with values less than the detection limit are shown as NDNS. Wells with values greater than the detection limit are shown with their respective values. The maximum plume outline is shown in green. The map is titled 'FIGURE 5-5 CHROMIUM RESULTS FOR THIRD QUARTER 2015 GROUNDWATER MONITORING AND DOMESTIC WELL SAMPLING AND COMPLIANCE MAXIMUM PLUME OUTLINE IN UPPER AQUIFER'.

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