

See inset 1 for additional well location.

See inset 2 for additional well locations.

INSET 1

04W-01
0.75/ND

The domestic well shown in this inset is located approximately 8 miles to the northwest of the intersection of Burnt Tree Road and Hinkley Road.

INSET 2

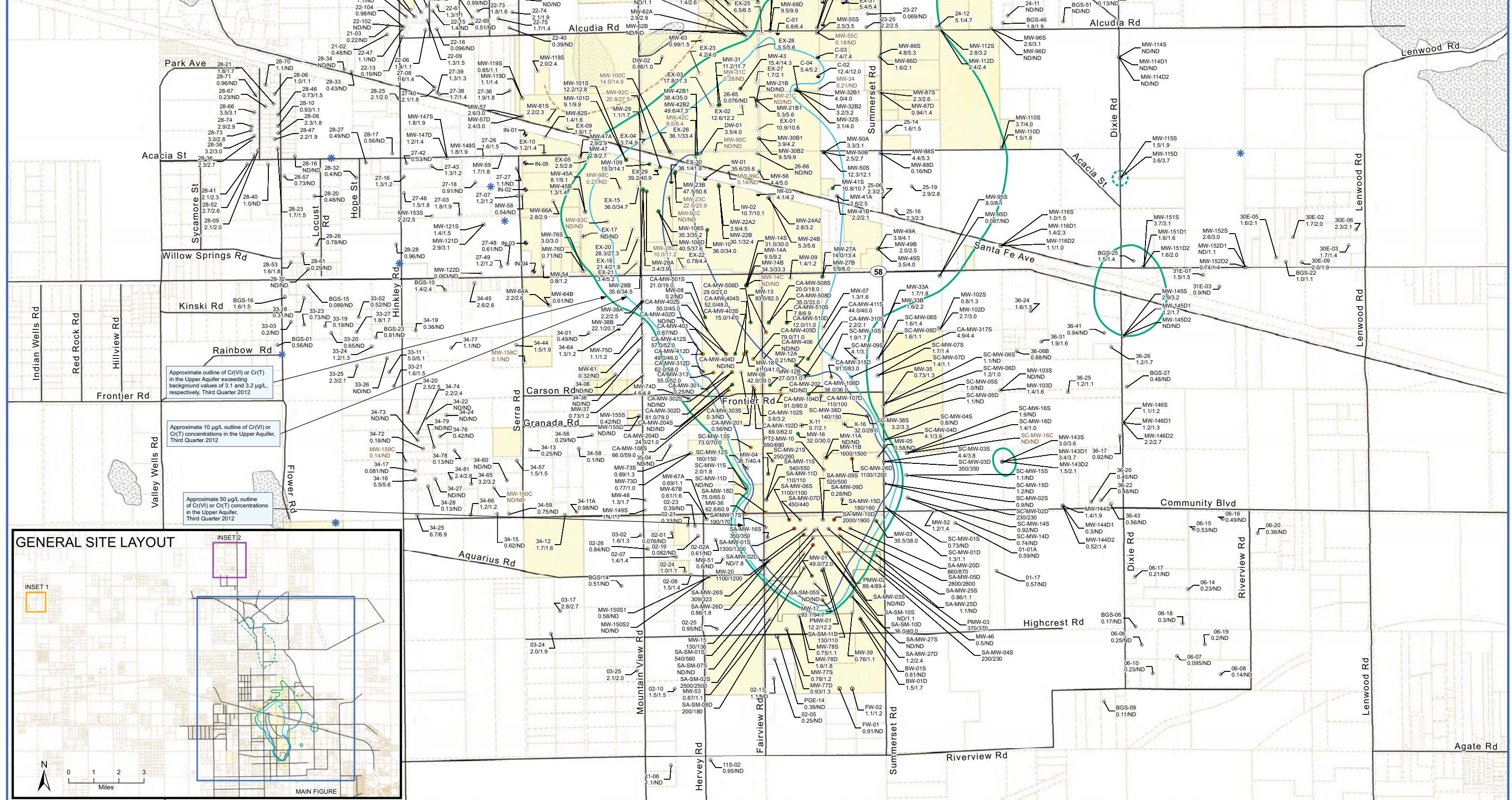
21N-02 2.8/2.6
21N-03 3.8/3.5
21N-04 4.6/4.3

28N-01 3.8/3.7
28N-02 4.1/3.9
28N-03 4.1/3.7

28N-04 4.3/4.0
28N-05 4.1/3.9
28N-06 3.7/3.4
27N-01 2.2/1.7
28N-07 4.0/3.8

The domestic wells shown in this inset are located approximately 2.5 miles to the north of the intersection of Burnt Tree Road and Hinkley Road.

The 3.1/3.2-µg/L contour is shown as "-.-.-" where inferred and cannot be fully delineated by Third Quarter 2012 monitoring data. Further updates of the outline will be forthcoming as sampling results from new and future monitoring wells are incorporated.



Legend

- Groundwater Monitoring Well
- Agricultural Supply Well
- Domestic Supply Well
- Other Supply Well
- Groundwater Extraction Well (active)
- Multi-use Test Well, or Inactive Extraction/Injection Well
- ◆ Freshwater Injection Well
- ◆ Step-Out Monitoring Wells Planned or Under Construction
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcels
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Bedrock Exposed at Ground Surface

MW-20 Well ID
 1100/1200 Cr(VI)/Cr(T) concentrations in micrograms per liter (µg/L); maximum of primary and duplicate samples during Third Quarter 2012 sampling

Cr(VI) = Hexavalent Chromium
 Cr(T) = Total Dissolved Chromium
 ND = Not Detected; NS = Not Sampled

Groundwater Cr(VI) Concentrations in Monitoring Wells

- > 1,000 µg/L
- 10 - 50 µg/L
- 100 - 1,000 µg/L
- 3.1 - 10 µg/L
- 50 - 100 µg/L
- < 3.1 µg/L or ND

Notes:

- Chromium results are shown for site-wide Groundwater Monitoring Program and domestic wells sampled in the Third Quarter (July-September) 2012 monitoring period. Third Quarter 2012 results for selected In situ Reactive Zone (IRZ) monitoring wells are shown to aid in plume mapping. For wells sampled multiple times during the reporting period, the most recent results are shown.
- The concentration contours are based on Third Quarter 2012 chromium results for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on Figures 3-2 and 3-3. Results for domestic wells and lower aquifer monitoring wells (brown colored labels) were not used for chromium plume contouring.
- Concentration contours represent the maximum extent of either Cr(VI) or Cr(T) at any depth within the upper aquifer based on Third Quarter 2012 chromium results. Some chromium results for wells within the 50-, 10-, and 3.1/3.2-µg/L chromium contours are less than the contoured concentrations.

FIGURE 3-1 CHROMIUM RESULTS FOR THIRD QUARTER 2012 GROUNDWATER MONITORING AND DOMESTIC WELL SAMPLING AND INTERPRETED MAXIMUM PLUME OUTLINE IN UPPER AQUIFER
 THIRD QUARTER 2012 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
 SITE-WIDE GROUNDWATER MONITORING PROGRAM
 PACIFIC GAS AND ELECTRIC COMPANY
 HINKLEY COMPRESSOR STATION
 HINKLEY, CALIFORNIA