

33N-01
2.8/3.1

American Ave

Plymouth Rd

Holstead Rd

Roy Rd

MW-162S1
5.0/5.4
MW-162S2
1.6/2.0
MW-162S3
0.2/ND

MW-161S1
3.2/3.4
MW-161S2
2.5/2.6
MW-161S3
1.7/1.7

04N-04
2.3/2.6

04N-03
3.4/3.6

04N-02
0.64/ND

04N-01
0.47/ND

03N-01
3.3/3.5

MW-130S1
3.9/4.2

MW-130S2
3.4/3.2

MW-131S1
2.7/3.2

10-04
0.72/1.1

MW-133S2
0.34/ND

MW-154S1
22.0/21.0

MW-154S2
1.6/1.8

MW-136S1
2.7/3.3

MW-136S2
ND/ND

MW-135S1
3.4/3.4

MW-135S2
1.4/1.7

MW-137S1
4.1/4.4

MW-137S2
4.0/4.1

MW-137S3
1.7/1.9

11-07
ND/ND

MW-140S1
4.3/4.8

MW-140S2
3.6/4.2

MW-140S3
3.0/3.3

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

09-01
ND/ND

15-15
0.85/ND

15-02
0.88/ND

MW-142S1
6.6/7.2

MW-142S2
1.8/1.9

MW-142S3
3.4/3.4

14-03
2.9/3.0

14-10
3.3/3.3

15-08
1.4/1.4

15-12
ND/ND

MW-113S1
3.0/3.0

MW-113S2
3.2/3.2

MW-113D
0.07/ND

14-11
3.1/3.2

MW-111S1
2.7/2.7

MW-111S2
2.2/2.9

MW-111D
ND/ND

15-06
1.0/1.1

15-05
1.6/1.6

MW-157S
1.6/1.5

MW-156S
1.0/1.0

MW-155S
1.3/1.5

14-12
2.9/2.8

14-06
2.6/2.7

MW-123S1
1.9/2.0

MW-123S2
1.8/2.2

MW-125S1
0.95/1.3

MW-125S2
1.5/1.6

22-07
0.77/ND

22-36
1.0/1.3

22-55
0.14/ND

22-21
2.2/2.2

22-89
0.42/ND

22-63
1.4/1.4

22-86
0.55/ND

22-87
0.23/ND

22-09
0.79/ND

22-77
1.5/1.6

22-93
2.6/2.6

22-107
ND/ND

22-44
1.8/1.8

22-23
1.3/1.4

22-54
1.4/1.4

22-57
1.2/1.3

22-103
2.1/2.2

22-101
0.76/ND

23-35
0.95/1.3

22-10
2.0/1.9

22-31
2.0/1.9

22-58
1.7/1.8

22-29
1.2/1.3

MW-125S1
1.9/2.0

MW-125S2
1.5/1.6

MW-126S1
2.6/2.8

MW-126S2
1.1/1.4

MW-127S1
1.1/1.4

MW-127S2
1.3/1.5

MW-85S
1.5/1.6

MW-85D
ND/ND

MW-117D
ND/ND

MW-89S
4.0/4.1

MW-89D
0.66/ND

MW-83S
1.2/1.9

MW-83D
ND/ND

Mountain General Rd

Burnt Tree Rd

Coon Canyon Rd

Mountain General Rd

Coon Canyon Rd

Coon Canyon Rd

Thompson Rd

MW-166S1
0.22/ND
MW-166S2
ND/ND
02N-01
0.12/ND

11-11
4.0/4.6

MW-138S1
4.9/5.5
MW-138S2
4.2/5.1
11-07
ND/ND

MW-140S1
3/4.8
MW-140S2
3/4.2
MW-140S3
3/3.3

MW-104S1
3.6/3.4
MW-104S2
3.2/3.4
MW-104D
ND/ND

14-07
2.8/2.7
14-15
2.8/2.6
10-10
3.3

MW-106S
2.5/2.7
MW-106D
0.11/ND

MW-124S1
1/2.5
MW-124S2
6/2.6

MW-124D
D/ND
MW-117S1
0.7/ND

MW-117S2
0.86/1.0
MW-117D
ND/ND

MW-85S
1.5/1.6
MW-85D
ND/ND

MW-127S1
1.1/1.4
MW-127S2
3/1.5

MW-70S
1.2/1.8
MW-70D
1.4/1.8

23-24
110/114
G-1R
ND/ND
G-2R

MW-105S
2.5/2.6
MW-105D
ND/ND

MW-128S1
5.4/5.4
MW-128S2
2.9/3.0
MW-128S3
1.7/1.7

MW-84S
1.6/2.0
MW-84D
0.089/ND

MW-71S
4.8/5.2
MW-71D
1.6/2.1

MW-107S
1.9/2.0
MW-107D
0.51/ND

MW-94S
2.1/2.3
MW-94D
ND/ND

MW-55A
ND/ND
MW-55B
0.089/ND
MW-79S

MW-107S
1.9/2.0
MW-107D
0.51/ND

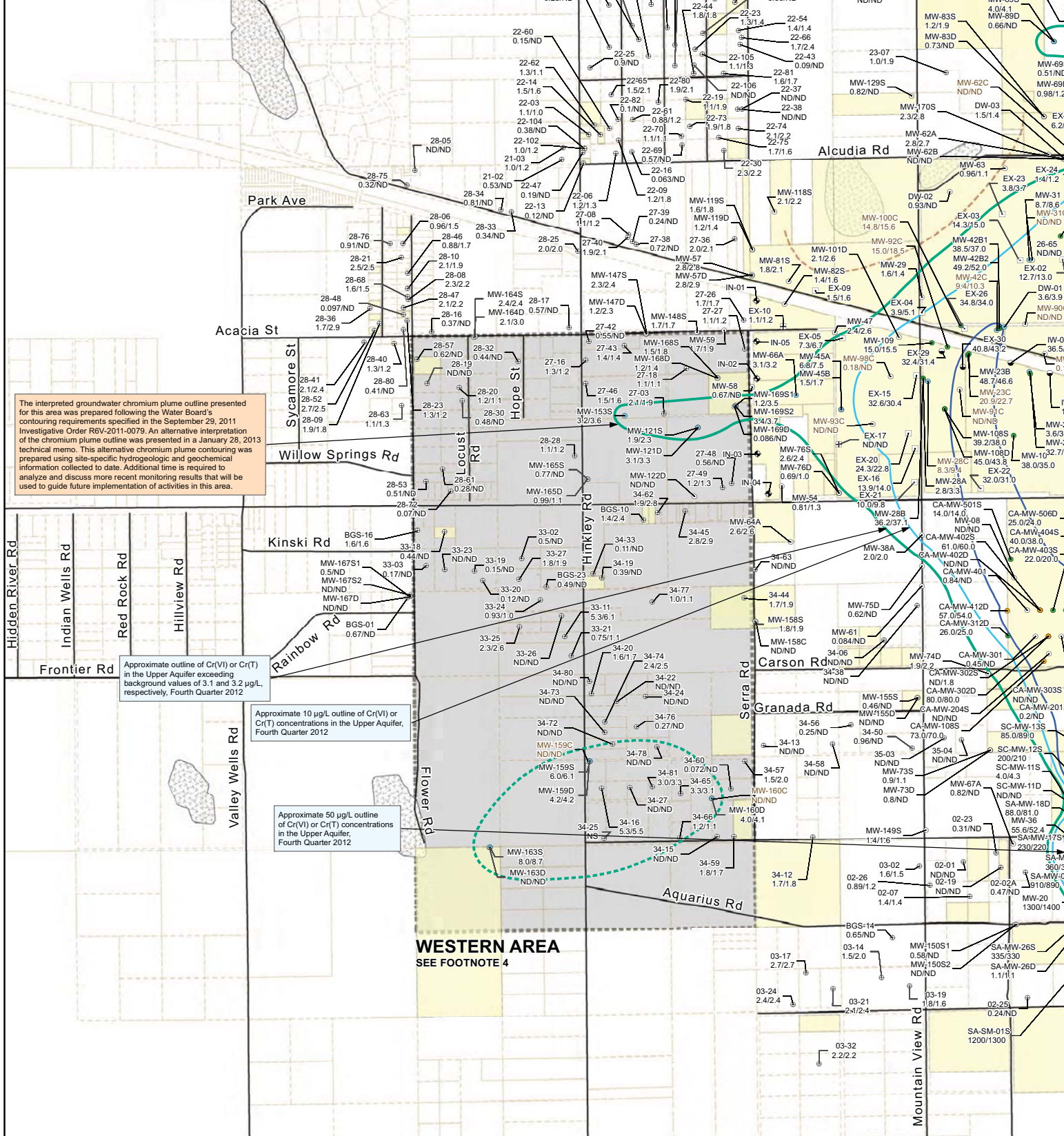
MW-94S
2.1/2.3
MW-94D
ND/ND

MW-97S
2.2/2.6
MW-97D
1.3/2.1

24-04
2.3/2.5
24-03
2.5/2.8

MW-55A
ND/ND
MW-55B
0.089/ND
MW-79S



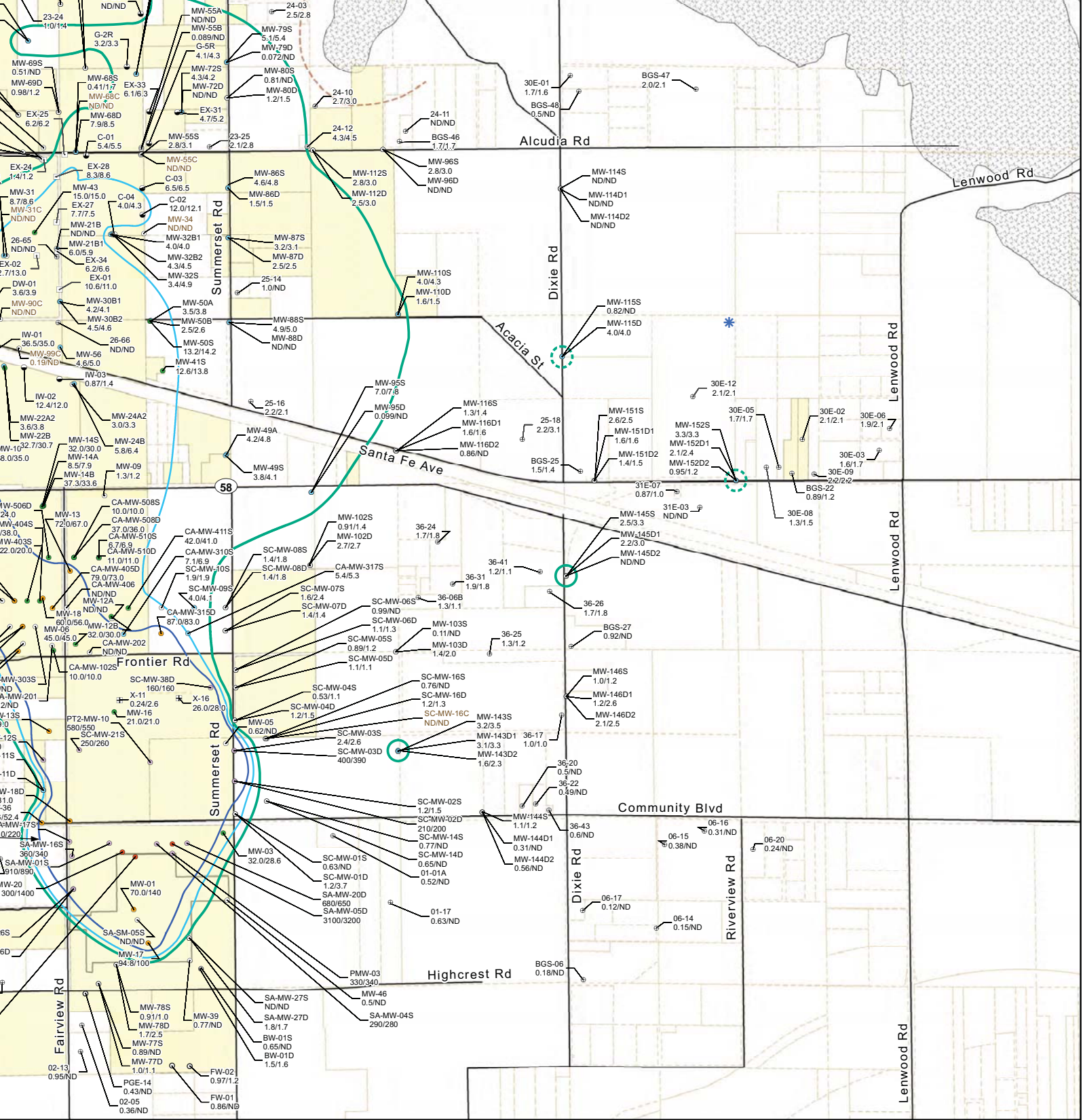


The interpreted groundwater chromium plume outline presented for this area was prepared following the Water Board's contouring requirements specified in the September 29, 2011 Investigative Order RV-2011-0079. An alternative interpretation of the chromium plume outline was presented in a January 28, 2013 technical memo. This alternative chromium plume contouring was prepared using site-specific hydrogeologic and geochemical information collected to date. Additional time is required to analyze and discuss more recent monitoring results that will be used to guide future implementation of activities in this area.

Approximate outline of Cr(VI) or Cr(T) in the Upper Aquifer exceeding background values of 3.1 and 3.2 µg/L, respectively, Fourth Quarter 2012

Approximate 10 µg/L outline of Cr(VI) or Cr(T) concentrations in the Upper Aquifer, Fourth Quarter 2012

Approximate 50 µg/L outline of Cr(VI) or Cr(T) concentrations in the Upper Aquifer, Fourth Quarter 2012



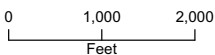
domestic wells sampled in the Fourth Quarter (October-December) 2012 monitoring period. Fourth Quarter 2012 results for mapping. For wells sampled multiple times during the reporting period, the most recent results are shown.

Labels for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the lower aquifer monitoring wells (brown colored labels) were not used for chromium plume contouring.

at any depth within the upper aquifer based on Fourth Quarter 2012 chromium results. Some chromium results for wells sampled in this area.

shaded "Western Area" shown on this figure was included in the January 14, 2013 document titled Conceptual Site Model for Western Area Report (CH2MHILL and Stantec, 2013). The findings of the January 14 report indicate that groundwater in the

water table. This well purges dry during sampling and is very slow to recharge. Groundwater samples from this well sampled in other wells in this area.



**FIGURE 3-1
CHROMIUM RESULTS FOR FOURTH
QUARTER 2012 GROUNDWATER
MONITORING AND DOMESTIC
WELL SAMPLING AND INTERPRETED
MAXIMUM PLUME OUTLINE
IN UPPER AQUIFER**

FOURTH QUARTER 2012 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM
PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA