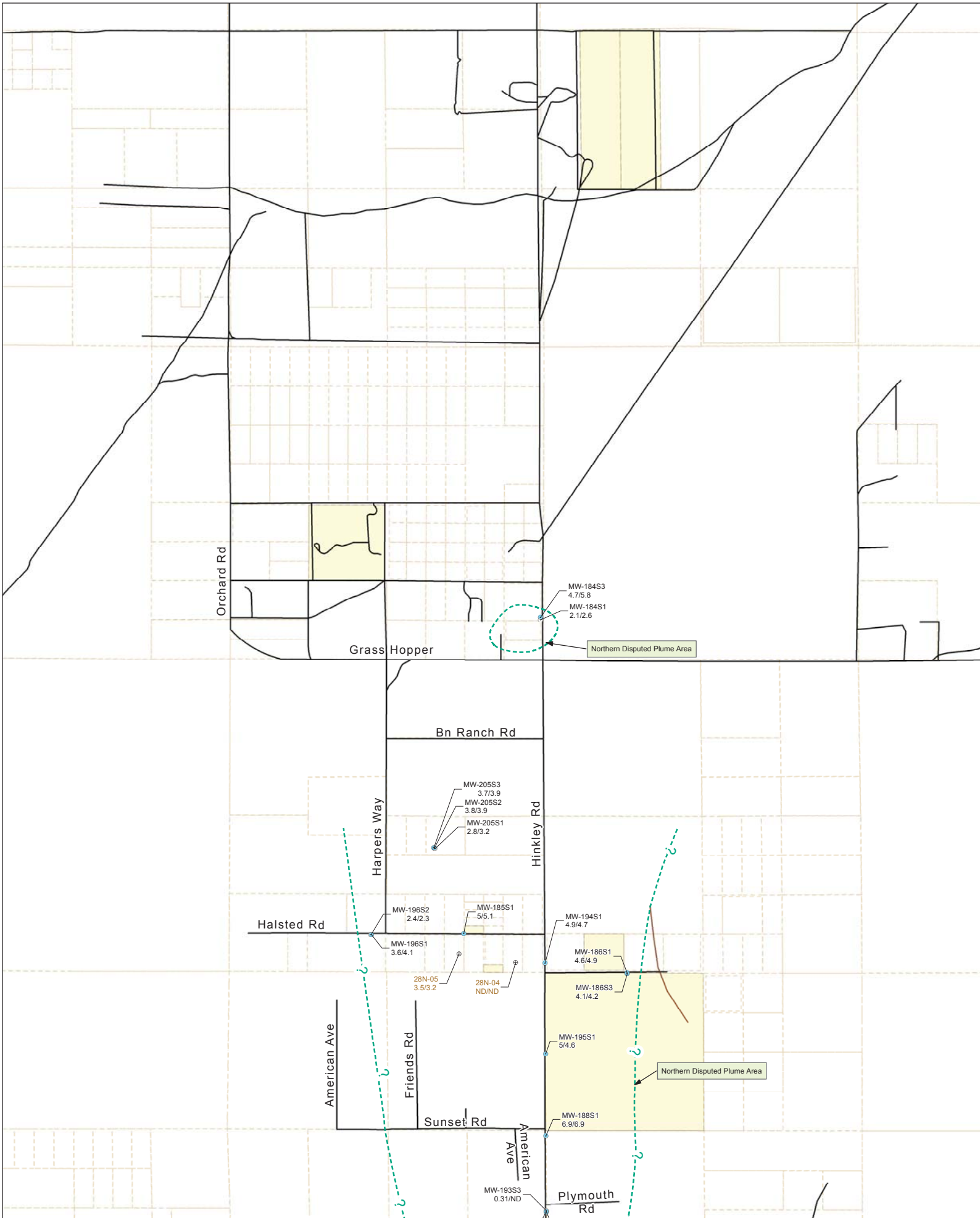
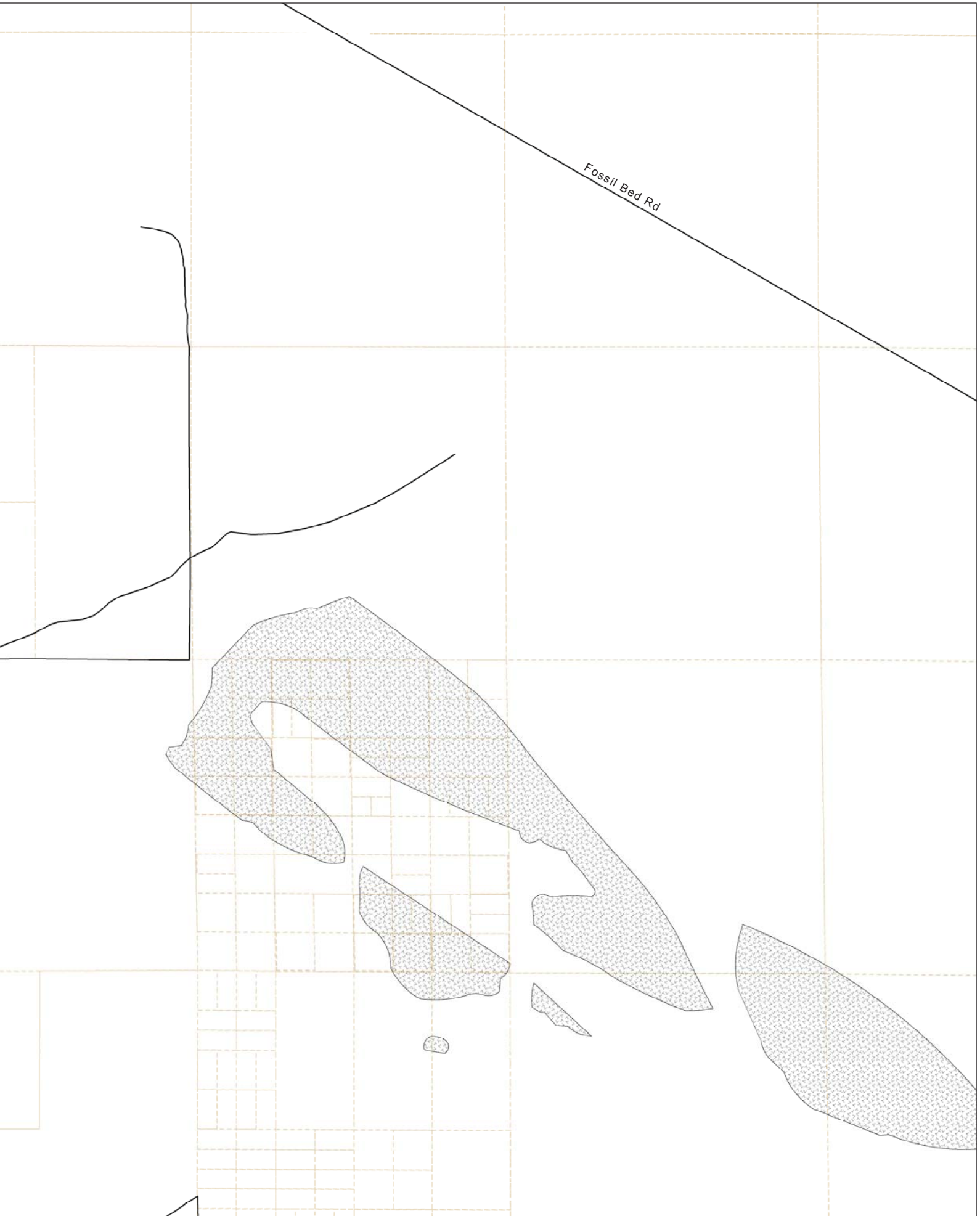
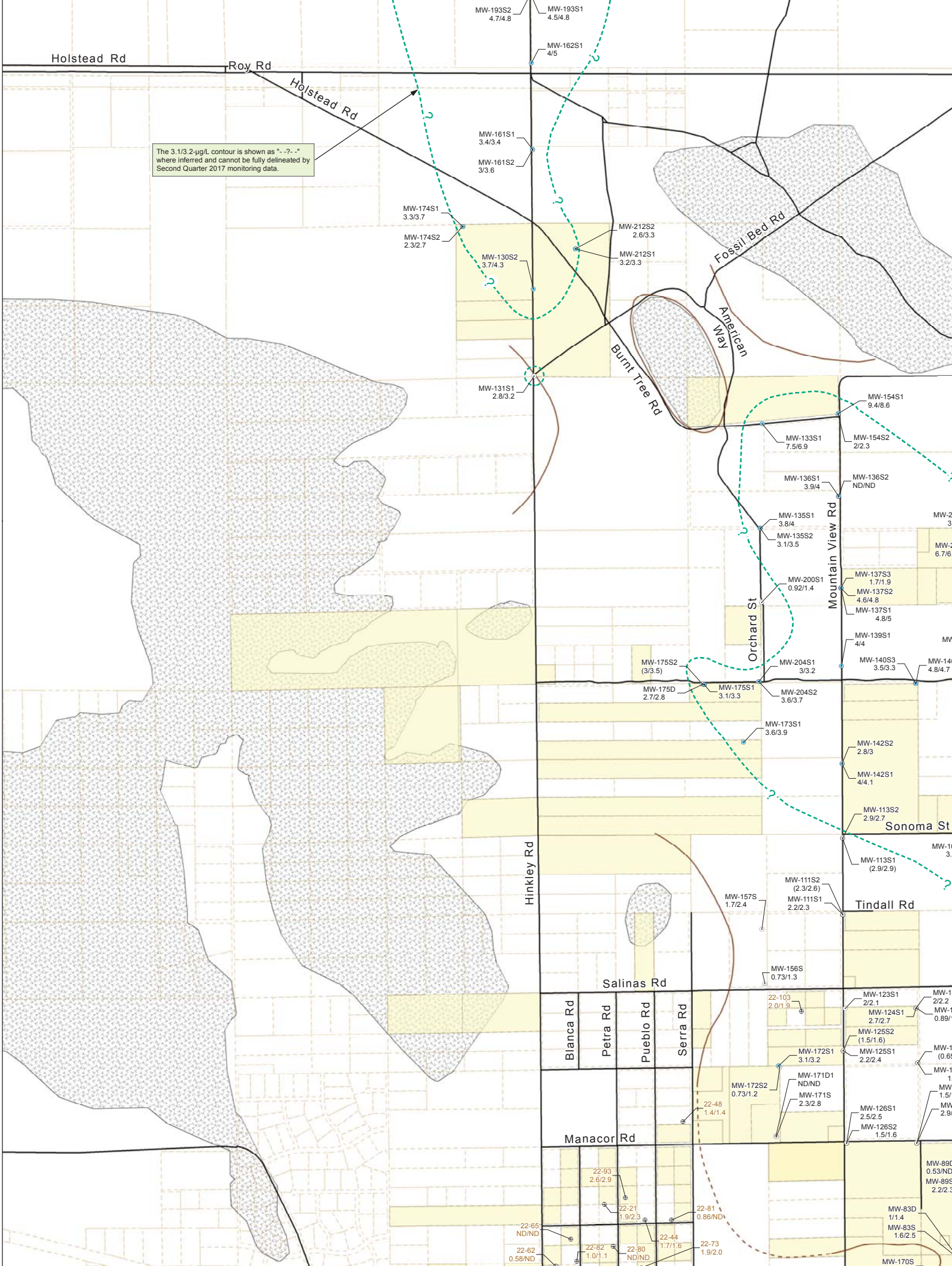
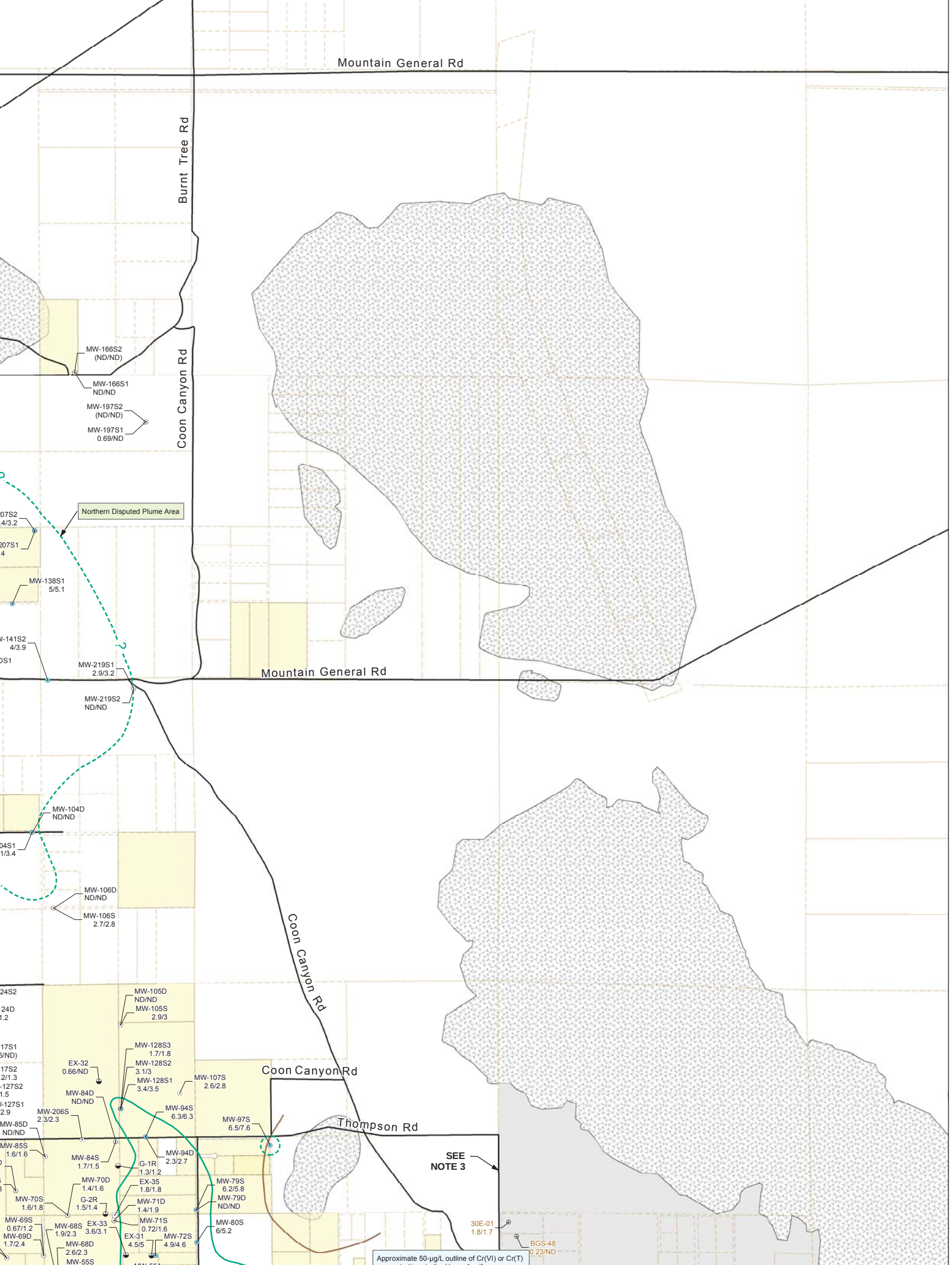
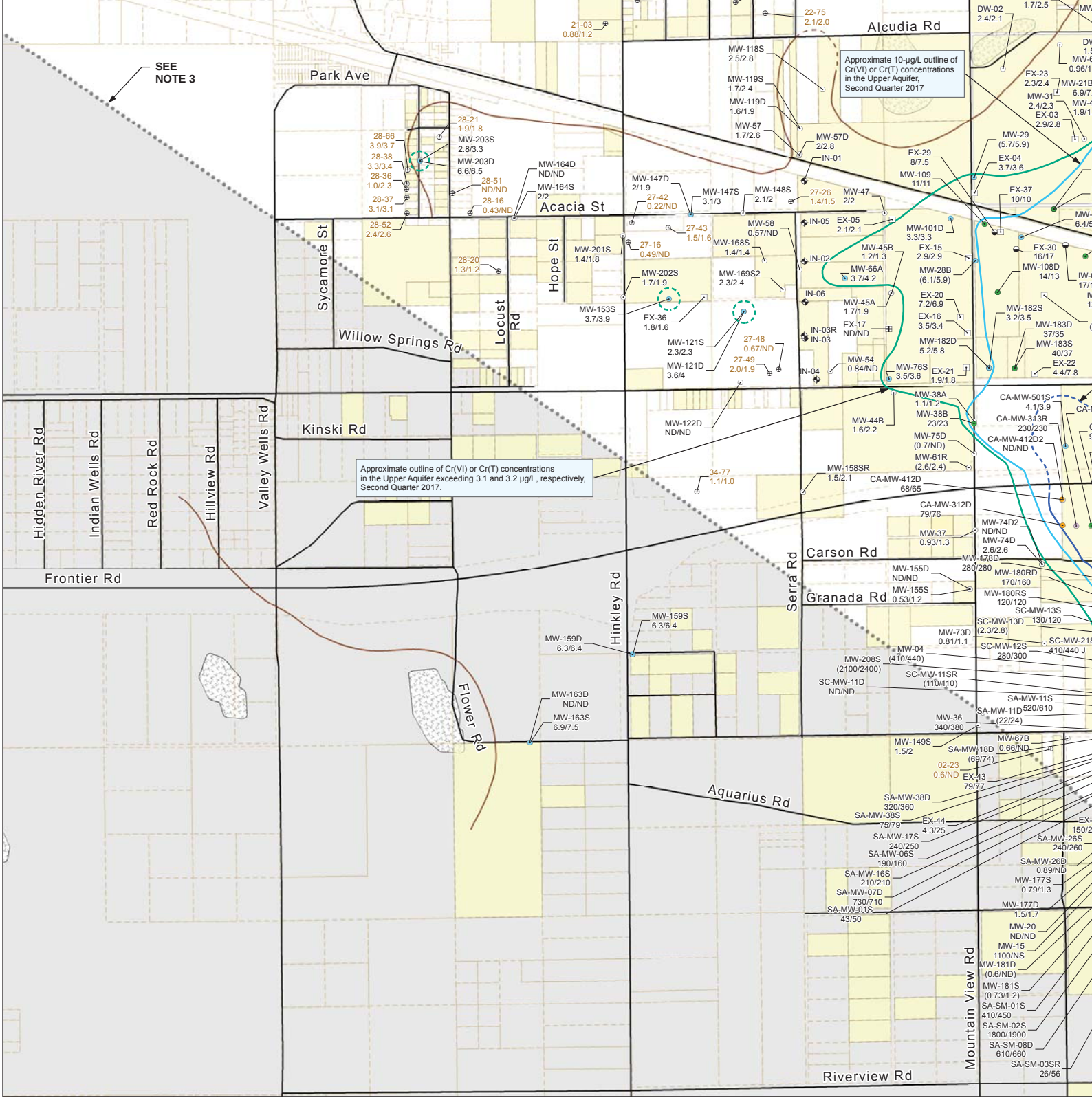

Orchard Rd
MW-184S3
4.7/5.8
MW-184S1
2.1/2.6
Grass Hopper
Northern Disputed Plume Area
Bn Ranch Rd
MW-205S3
3.7/3.9
MW-205S2
3.8/3.9
MW-205S1
2.8/3.2
Harpers Way
Hinkley Rd
Halsted Rd
MW-196S2
2.4/2.3
MW-196S1
3.6/4.1
MW-185S1
5/5.1
28N-05
3.5/3.2
28N-04
ND/ND
MW-194S1
4.9/4.7
MW-186S1
4.6/4.9
MW-186S3
4.1/4.2
MW-195S1
5/4.6
Northern Disputed Plume Area
American Ave
Friends Rd
Sunset Rd
MW-188S1
6.9/6.9
American Ave
MW-193S3
0.31/ND
Plymouth Rd


Fossil Bed Rd


Holstead Rd
Roy Rd
Holstead Rd
The 3.1/3.2-µg/L contour is shown as "- -?- -" where inferred and cannot be fully delineated by Second Quarter 2017 monitoring data.
MW-193S2 4.7/4.8
MW-193S1 4.5/4.8
MW-162S1 4/5
MW-161S1 3.4/3.4
MW-161S2 3/3.6
MW-174S1 3.3/3.7
MW-174S2 2.3/2.7
MW-212S2 2.6/3.3
MW-212S1 3.2/3.3
MW-130S2 3.7/4.3
MW-131S1 2.8/3.2
Fossil Bed Rd
American Way
Burnt Tree Rd
MW-154S1 9.4/8.6
MW-133S1 7.5/6.9
MW-154S2 2/2.3
MW-136S1 3.9/4
MW-136S2 ND/ND
MW-135S1 3.8/4
MW-135S2 3.1/3.5
Mountain View Rd
MW-137S3 1.7/1.9
MW-137S2 4.6/4.8
MW-137S1 4.8/5
MW-200S1 0.92/1.4
Orchard St
MW-139S1 4/4
MW-140S3 3.5/3.3
MW-175S2 (3/3.5)
MW-204S1 3/3.2
MW-175D 2.7/2.8
MW-175S1 3.1/3.3
MW-204S2 3.6/3.7
MW-173S1 3.6/3.9
MW-142S2 2.8/3
MW-142S1 4/4.1
MW-113S2 2.9/2.7
Sonoma St
MW-113S1 (2.9/2.9)
Hinkley Rd
MW-111S2 (2.3/2.6)
MW-111S1 2.2/2.3
Tindall Rd
MW-157S 1.7/2.4
MW-156S 0.73/1.3
Salinas Rd
Blanca Rd
Petra Rd
Pueblo Rd
Serra Rd
22-103 2.0/1.9
MW-123S1 2/2.1
MW-124S1 2.7/2.7
MW-125S2 (1.5/1.6)
MW-125S1 2.2/2.4
MW-172S1 3.1/3.2
MW-172S2 0.73/1.2
MW-171D1 ND/ND
MW-171S 2.3/2.8
22-48 1.4/1.4
MW-126S1 2.5/2.5
MW-126S2 1.5/1.6
Manacor Rd
22-93 2.6/2.9
22-21 1.9/2.3
22-81 0.86/ND
22-65 ND/ND
22-44 1.7/1.6
22-73 1.9/2.0
22-62 0.58/ND
22-82 1.0/1.1
22-80 ND/ND
MW-83D 1/1.4
MW-83S 1.6/2.5
MW-170S


Mountain General Rd
Burnt Tree Rd
Coon Canyon Rd
MW-166S2
(ND/ND)
MW-166S1
ND/ND
MW-197S2
(ND/ND)
MW-197S1
0.69/ND
Northern Disputed Plume Area
MW-138S1
5/5.1
MW-219S1
2.9/3.2
Mountain General Rd
MW-219S2
ND/ND
MW-104D
ND/ND
MW-106D
ND/ND
MW-106S
2.7/2.8
Coon Canyon Rd
MW-105D
ND/ND
MW-105S
2.9/3
MW-128S3
1.7/1.8
MW-128S2
3.1/3
MW-128S1
3.4/3.5
EX-32
0.66/ND
MW-107S
2.6/2.8
Coon Canyon Rd
MW-84D
ND/ND
MW-94S
6.3/6.3
MW-206S
2.3/2.3
MW-97S
6.5/7.6
Thompson Rd
MW-85D
ND/ND
MW-85S
1.6/1.6
MW-84S
1.7/1.5
MW-94D
2.3/2.7
G-1R
1.3/1.2
SEE
NOTE 3
MW-70D
1.4/1.6
EX-35
1.8/1.8
MW-79S
6.2/5.8
MW-79D
ND/ND
MW-70S
1.6/1.8
G-2R
1.5/1.4
MW-71D
1.4/1.9
MW-69S
0.67/1.2
MW-68S
1.9/2.3
EX-33
3.6/3.1
MW-71S
0.72/1.6
MW-80S
6.5/2
30E-01
1.8/1.7
MW-69D
1.7/2.4
EX-31
4.5/5
MW-72S
4.9/4.6
BGS-48
0.23/ND
MW-68D
2.6/2.3
MW-55S
Approximate 50-µg/L outline of Cr(VI) or Cr(T)



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
- Inactive In Situ Reactive Zone Injection Well
- Freshwater Injection Well
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcel
- 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-177D Well ID
1.5/1.7 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2017 sampling.
(0.73/1.2) Data in parentheses are from previous reporting period. See Table E-1 for sample dates.

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

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Dissolved Chromium
J	Estimated Result
ND	Not Detected

NOTES:

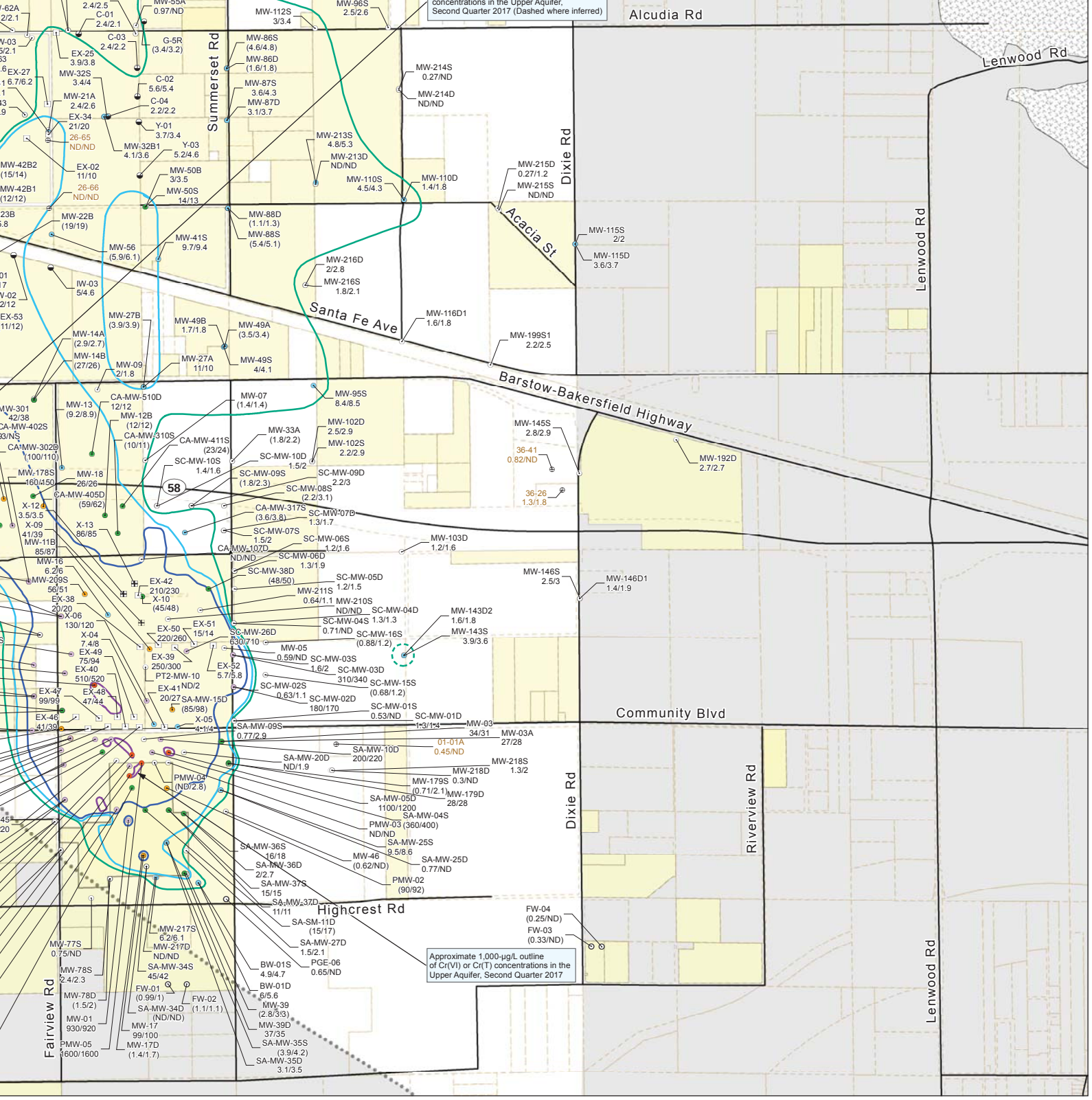
1. Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the reporting period, the most recent results are shown.
2. The concentration contours are based on Second Quarter 2017 chromium results for the groundwater monito Figures 5-1 and 5-2. Results for domestic wells (brown-colored labels) were not used for chromium plume co Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015).
3. Pursuant to the Lahonton Regional Water Quality Control Board's Cleanup and Abatement Order dated Nove of the Lockhart Fault and on or east of Dixie Road. Monitoring wells sampled southwest of Lockhart Fault an
4. Chromium plume contours in the general area south of Highway 58, were developed using a larger set of mo the In Situ Reactive Zone and Northwest Freshwater Injection Projects (Arcadis 2017). Select wells from that

WORK CITED:

Arcadis. 2017. Second Quarter 2017 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwate California Regional Water Quality Control Board, Lahontan Region Order No. R6V-2008-0014 (Waste Dischargr

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave Rive* Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Com



the Second Quarter (April through June) 2017 monitoring period. For wells sampled multiple times during

oring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on ontouring, except for those in the northern disputed plume areas, pursuant to the Lahonton Regional Water Quality

ember 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest d east of Dixie Road were sampled in support of United States Geological Survey background chromium investigations.

nitoring data which is presented in the July 28, 2017 Second Quarter 2017 Monitoring Report for t program are shown here for reference.

r Injection Projects, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California, e Requirements Identification No. 6B369107001). July 28.

er Basin, California. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3.

mpany to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

N

0 1,000 2,000 Feet

FIGURE 5-5
CHROMIUM RESULTS FOR SECOND QUARTER 2017 GROUNDWATER MONITORING AND DOMESTIC WELL SAMPLING AND MAXIMUM COMPOSITE PLUME OUTLINE IN UPPER AQUIFER

SECOND QUARTER 2017 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA