

AOC 9 0 - 0.5 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 1.80 - 9.80
- ≥9.81 - 28.00
- ≥28.01 - 59.00
- ≥59.01 - 120.00
- ≥120.01 - 190.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

GRAPHIC SCALE

PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC9-A3.1

AOC 9 0 - 0.5 FEET BELOW GROUND SURFACE CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND: CHROMIUM, HEXAVALENT (MG/KG)

-  NOT DETECTED
-  0.10 - 0.25
-  ≥ 0.26 - 0.52
-  ≥ 0.53 - 1.70
-  ≥ 1.71 - 5.30
-  ≥ 5.31 - 8.30

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

GRAPHIC SCALE

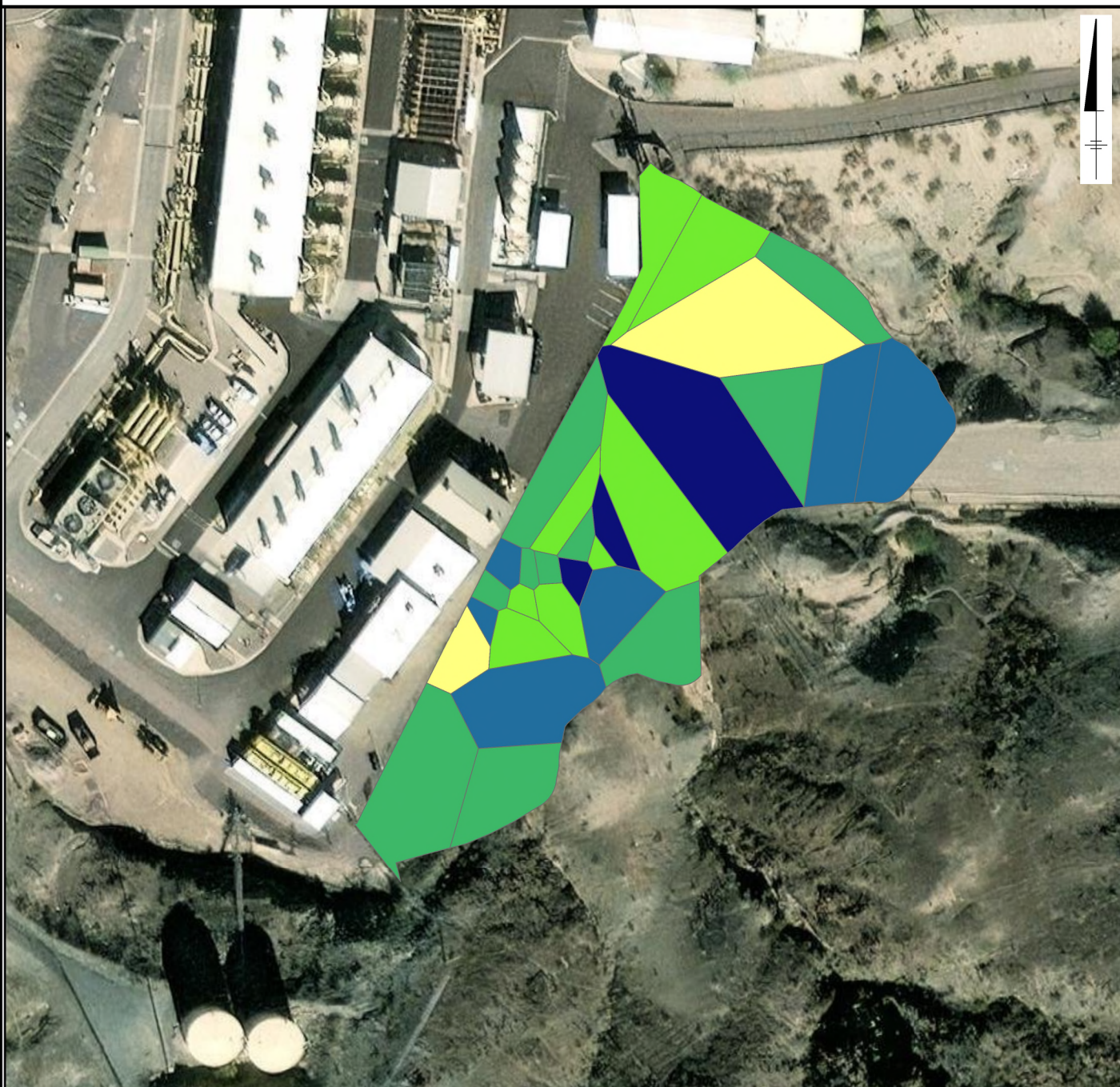
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 **ARCADIS**

FIGURE
AOC9-A3.2

AOC 9 0 - 0.5 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

-  NOT DETECTED
-  5.60 - 8.90
-  ≥8.91 - 21.00
-  ≥21.01 - 31.00
-  ≥31.01 - 48.00
-  ≥48.01 - 100.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

GRAPHIC SCALE

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 **ARCADIS**

FIGURE
AOC9-A3.3

AOC 9 0 - 0.5 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

- NOT DETECTED
- 2.80 - 6.70
- ≥ 6.71 - 13.00
- ≥ 13.01 - 19.00
- ≥ 19.01 - 35.60
- ≥ 35.61 - 270.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

GRAPHIC SCALE

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FIGURE
AOC9-A3.4

AOC 9 0 - 3 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 0.28 - 3.90
- ≥3.91 - 19.70
- ≥19.71 - 41.00
- ≥41.01 - 73.50
- ≥73.51 - 130.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

GRAPHIC SCALE

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THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC9-A3.5

AOC 9 0 - 3 FEET BELOW GROUND SURFACE CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND: CHROMIUM, HEXAVALENT (MG/KG)

- NOT DETECTED
- 0.10 - 0.44
- ≥ 0.45 - 0.89
- ≥ 0.90 - 1.90
- ≥ 1.91 - 3.97
- ≥ 3.98 - 8.30

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

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FIGURE
AOC9-A3.6

AOC 9 0 - 3 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

-  NOT DETECTED
-  5.63 - 9.87
-  ≥9.88 - 22.00
-  ≥22.01 - 33.30
-  ≥33.31 - 58.00
-  ≥58.01 - 89.30

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 100 200 Feet

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FIGURE
AOC9-A3.7

AOC 9 0 - 3 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

-  NOT DETECTED
-  3.23 - 7.80
-  ≥ 7.81 - 12.30
-  ≥ 12.31 - 19.70
-  ≥ 19.71 - 35.60
-  ≥ 35.61 - 270.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

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FIGURE
AOC9-A3.8