

| <b>DOCKETED</b>         |                                                         |
|-------------------------|---------------------------------------------------------|
| <b>Docket Number:</b>   | 99-AFC-01C                                              |
| <b>Project Title:</b>   | Elk Hills Power Project - Compliance                    |
| <b>TN #:</b>            | 266438                                                  |
| <b>Document Title:</b>  | Appendix D Site Management Plan Part B                  |
| <b>Description:</b>     | Appendix D, Soil Management Plan for CalCapture, Part B |
| <b>Filer:</b>           | Daniel I. Padilla                                       |
| <b>Organization:</b>    | California Resources Corporation                        |
| <b>Submitter Role:</b>  | Applicant                                               |
| <b>Submission Date:</b> | 10/10/2025 12:13:58 PM                                  |
| <b>Docketed Date:</b>   | 10/10/2025                                              |

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# FINAL SOIL MANAGEMENT PLAN

## Former NPR-1 Closure Project

### Elk Hills Oil Field

### Elk Hills, California

*Prepared for:*

**California Resources Elk Hills, LLC.**  
900 Old River Road  
Bakersfield, CA 93311

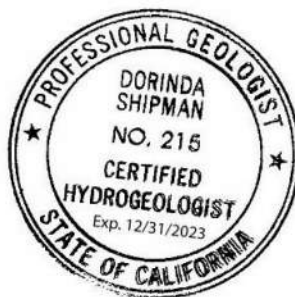
*Prepared by:*

**Langan Engineering & Environmental Services, Inc.**  
18575 Jamboree Road, Suite 150  
Irvine, California 92612



A handwritten signature of Elizabeth Kimbrel in black ink.

**Elizabeth Kimbrel, PE**  
**Senior Project Engineer**



A handwritten signature of Dorinda Shipman in black ink.

**Dorinda Shipman, PG, CHG, CEM**  
**Principal/Vice President**

**16 November 2022**  
**Project No. 700040402**

# **LANGAN**

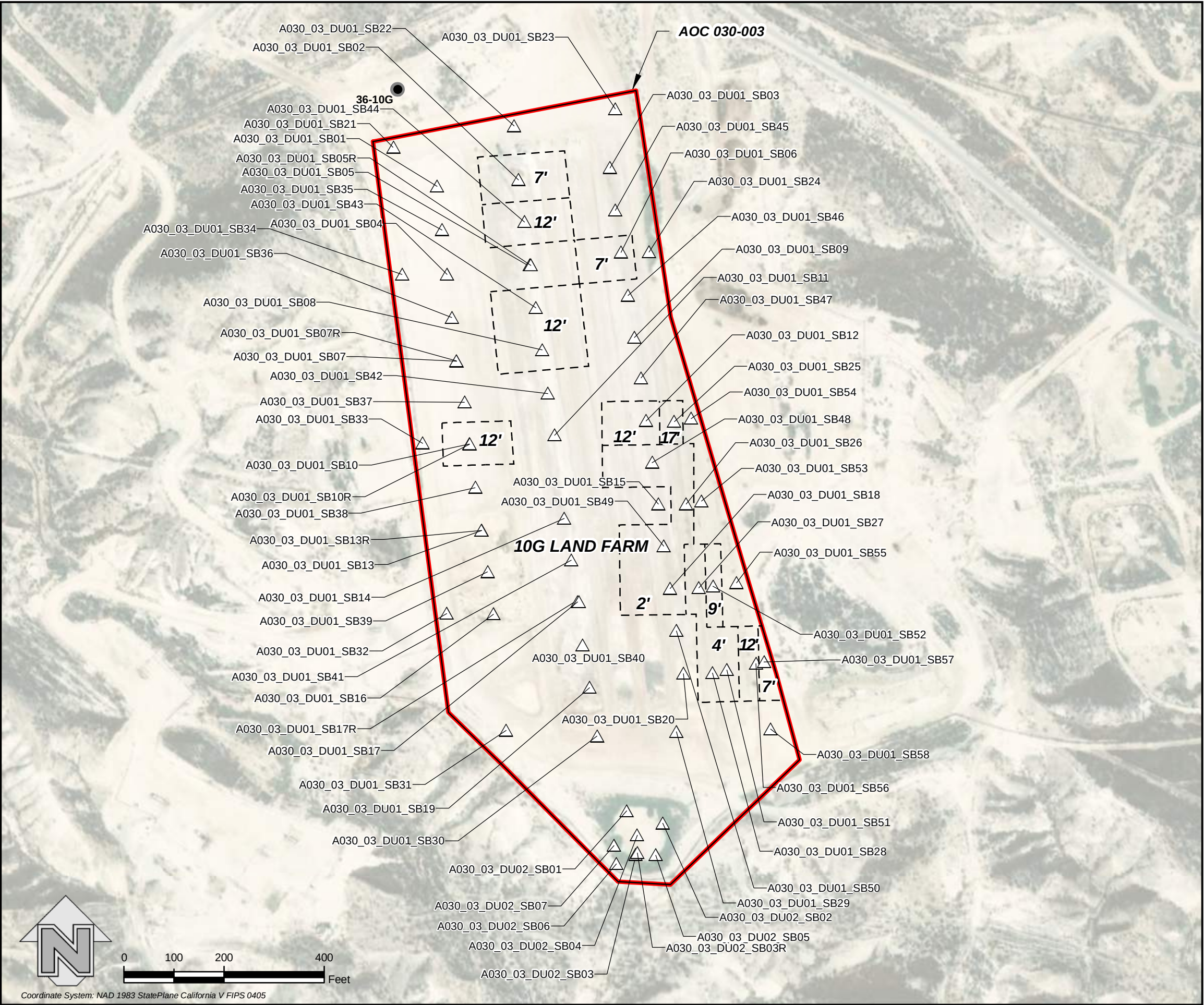
## **AOC 030-003**

### Reference

Ahtna, 2020. *Draft Remedy Selection and Statement of Basis AOC 030 003*. 29 May.







**Legend**

- 7' Estimated Excavation Depth (ft bgs)
- △ Soil Boring
- Well
- - - Impacted Area
- Red Outline Preliminary Area of Concern Boundary

- Notes**
1. Aerial photography provided by Kern County, CA, 2011.
  2. Survey data provided by DOE, 2019.
  3. Soil borings located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
  4. AOC 030-003 boundary is preliminary and subject to change.

**AREAS EXCEEDING CLEANUP GOAL**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

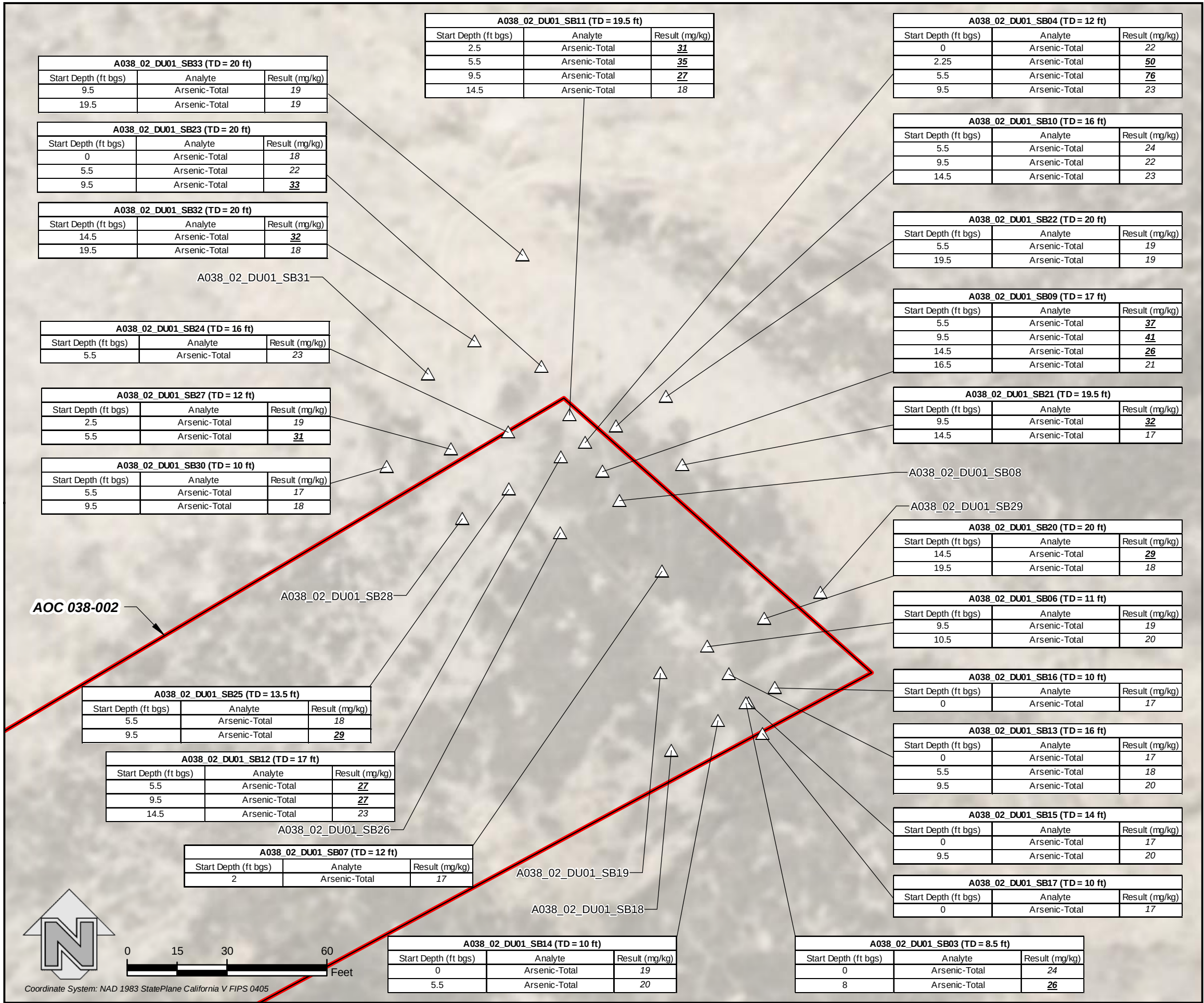
| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 030-003 | 10G                | 4.4-1      |

## **AOC 038-002**

### Reference

Ahtna, 2018. *Draft Removal Action Work Plan AOC 038-002*. 21 September.





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3100 Beacon Boulevard  
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**Legend**

- △ Soil Boring
- ⊙ Well
- Red outline Preliminary Area of Concern Boundary

**Screening Levels**

| Analyte       | Background (mg/kg) | Action Level (mg/kg) |
|---------------|--------------------|----------------------|
| Arsenic-Total | 16                 | <u>26</u>            |

**Notes**

- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by DOE, 2011.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC 038-002 boundary is preliminary and subject to change.
- Well location provided by DOGGR, 2018.
- TD = total depth of soil boring below ground surface.

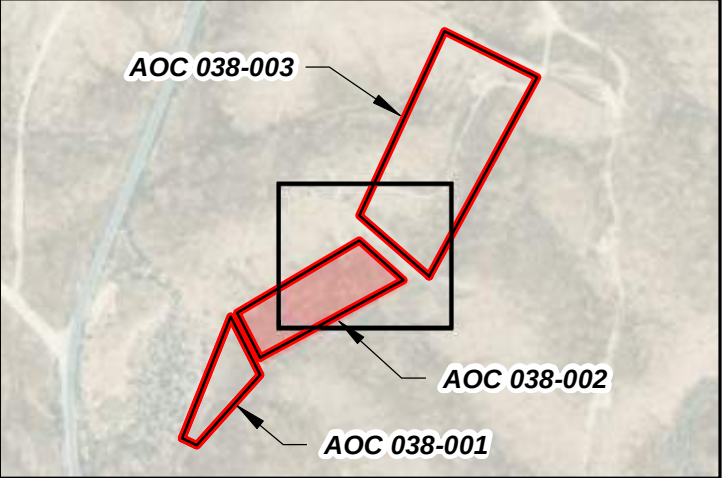
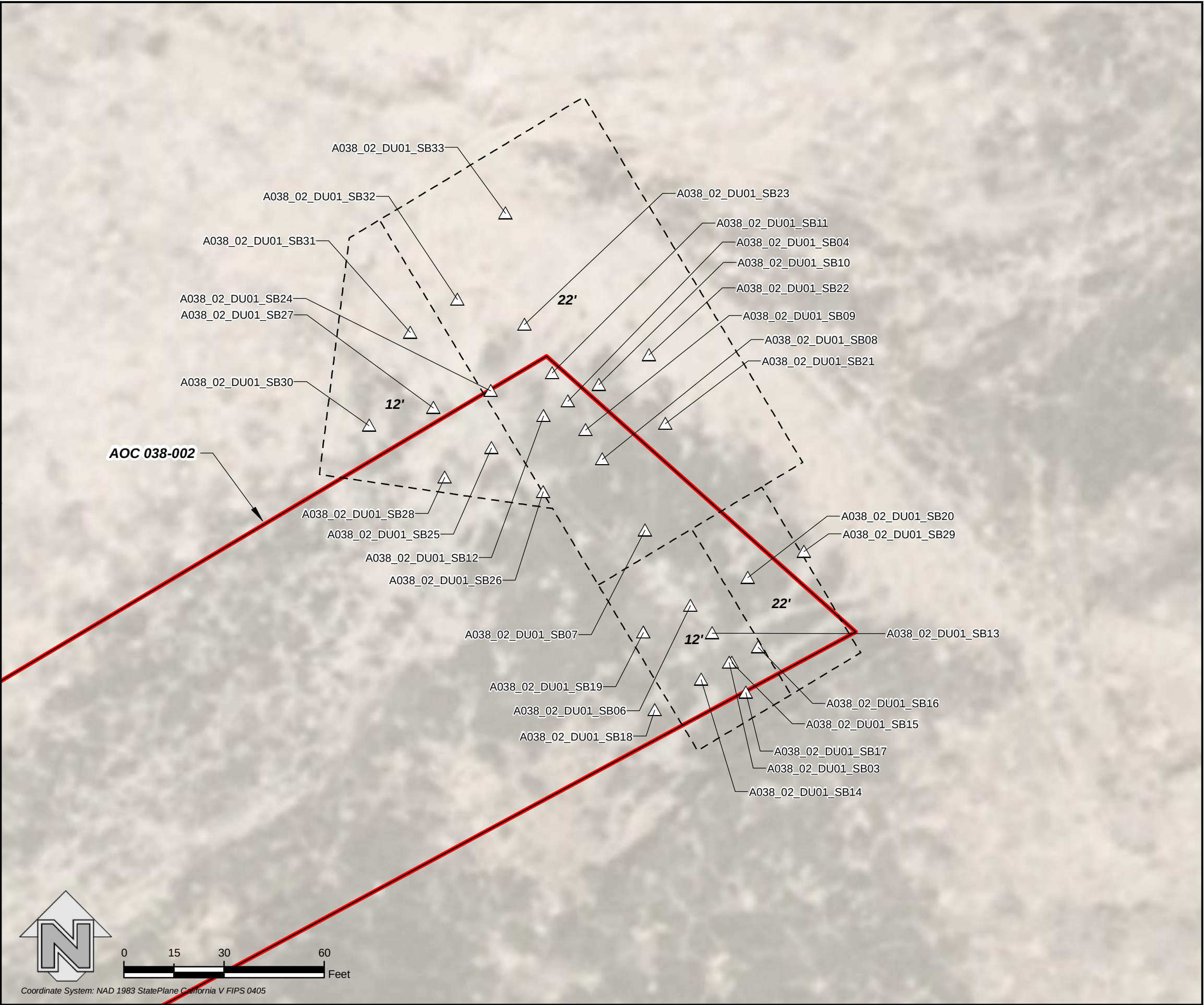
**COC RESULTS EXCEEDING SCREENING LEVELS**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 038-002 | 18R                | 3.0-1      |





**Legend**

- 22' Depth of Impacted Soil
- △ Soil Boring
- Impacted Area
- Red outline Preliminary Area of Concern Boundary

**Notes**

- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by DOE, 2011.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC 038-002 boundary is preliminary and subject to change.

**AREA EXCEEDING CLEANUP GOAL**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 038-002 | 18R                | 4.3-1      |

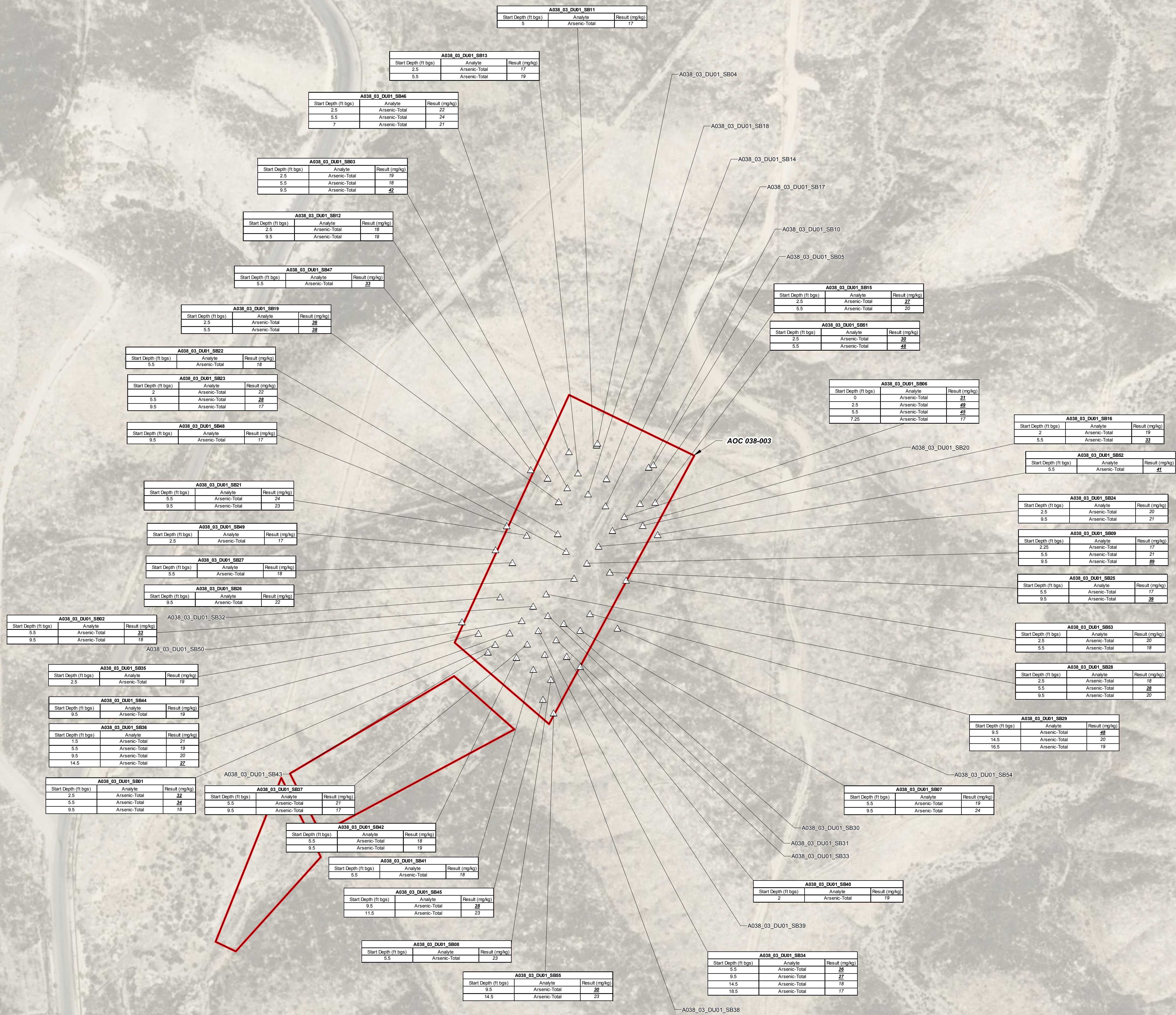


## **AOC 038-003**

### Reference

Ahtna, 2018. *Draft Remedial Action Work Plan for AOC038\_003*. 26 September.





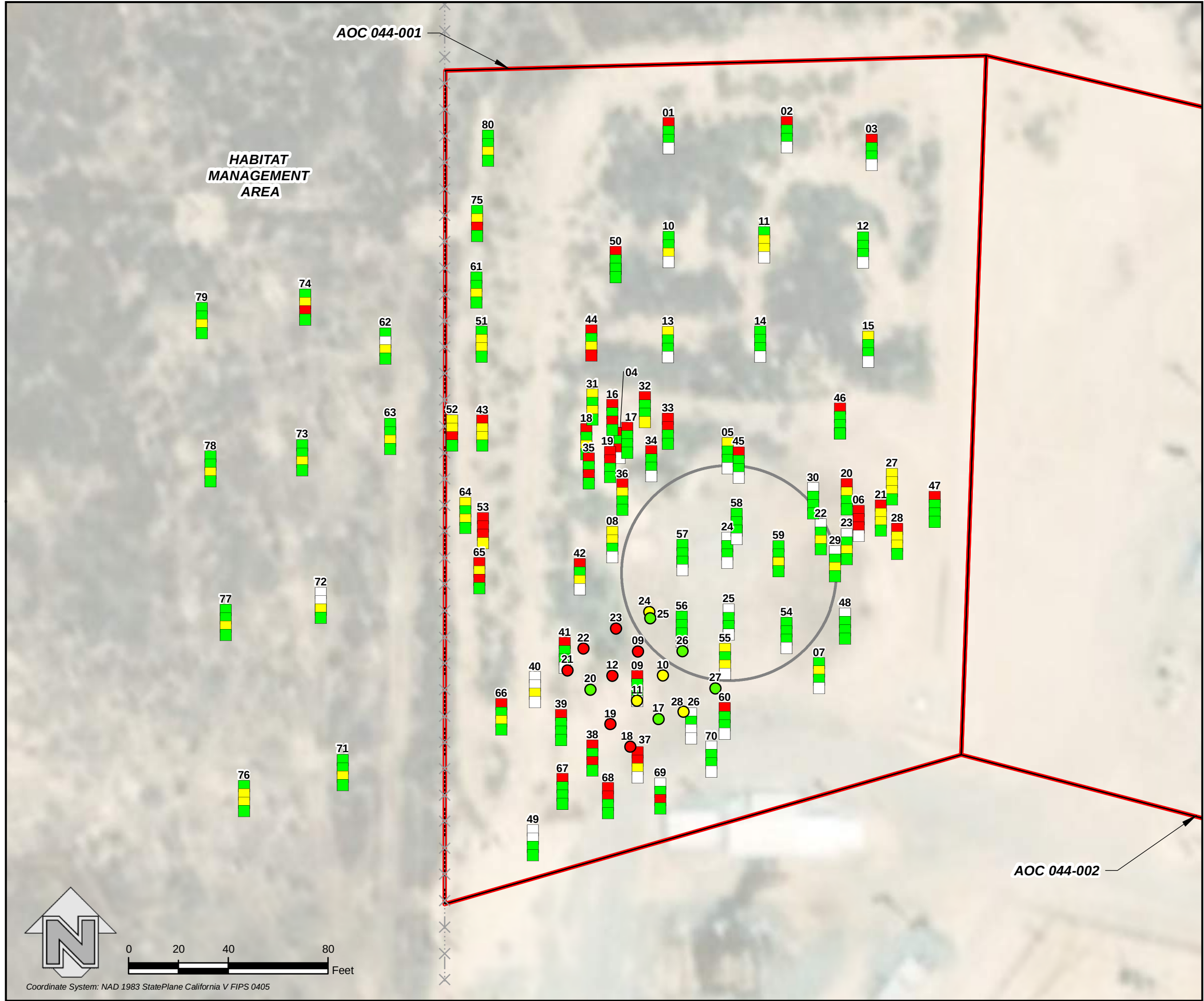


## **AOC 044-001 and -002**

### Reference

Ahtna, 2020. *Draft Remedy Selection and Statement of Basis AOC 044-001 and AOC 044-002*. 3 April.





# Ahtna

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AOC 044-001

AOC 044-002

**Legend**

07 - Location ID\*

Soil Boring

Surface Sample

**Soil Boring Depth Range**

0-0.5 ft bgs

>0.5-3 ft bgs

>3-11 ft bgs

>11-23 ft bgs

**Analytical Result**

No Data Within Depth Range

Arsenic Result ≤ Background Level (16 mg/kg)

Arsenic Result > Background Level (16 mg/kg) and < Action Level (26 mg/kg)

Arsenic Result ≥ Action Level (26 mg/kg)

Arsenic Result ≤ Background Level (16 mg/kg)

Arsenic Result > Background Level (16 mg/kg) and < Action Level (26 mg/kg)

Arsenic Result ≥ Action Level (26 mg/kg)

Fence

Approximate Location of Former Tank Setting

Preliminary Area of Concern Boundary

**Notes**

- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by AFSI, 2019.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC 044-001 boundary is preliminary and subject to change.
- Arsenic results are from the 2014 RFI and the 2017-2018 Supplemental Sampling Investigation.
- Former tank location sourced from historical aerial photography provided by Kern County (1981).

\* Sample location ID in map label contains the last two characters of the complete ID. A044\_01\_DU01\_SB/SS01 = 01.

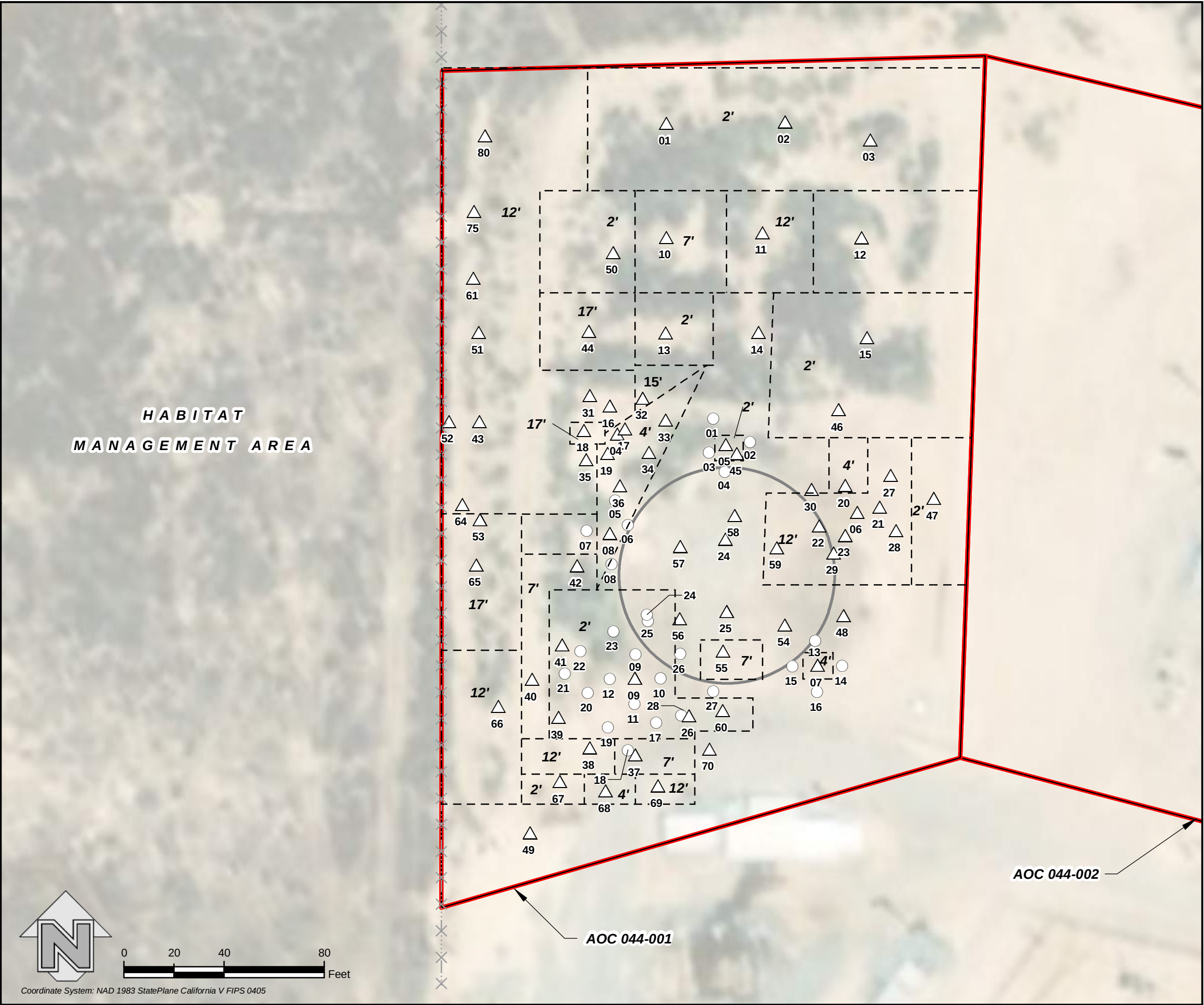
**AOC 044-001 COC RESULTS**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 044-001 | 23S                | 4.0-1      |





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**Legend**

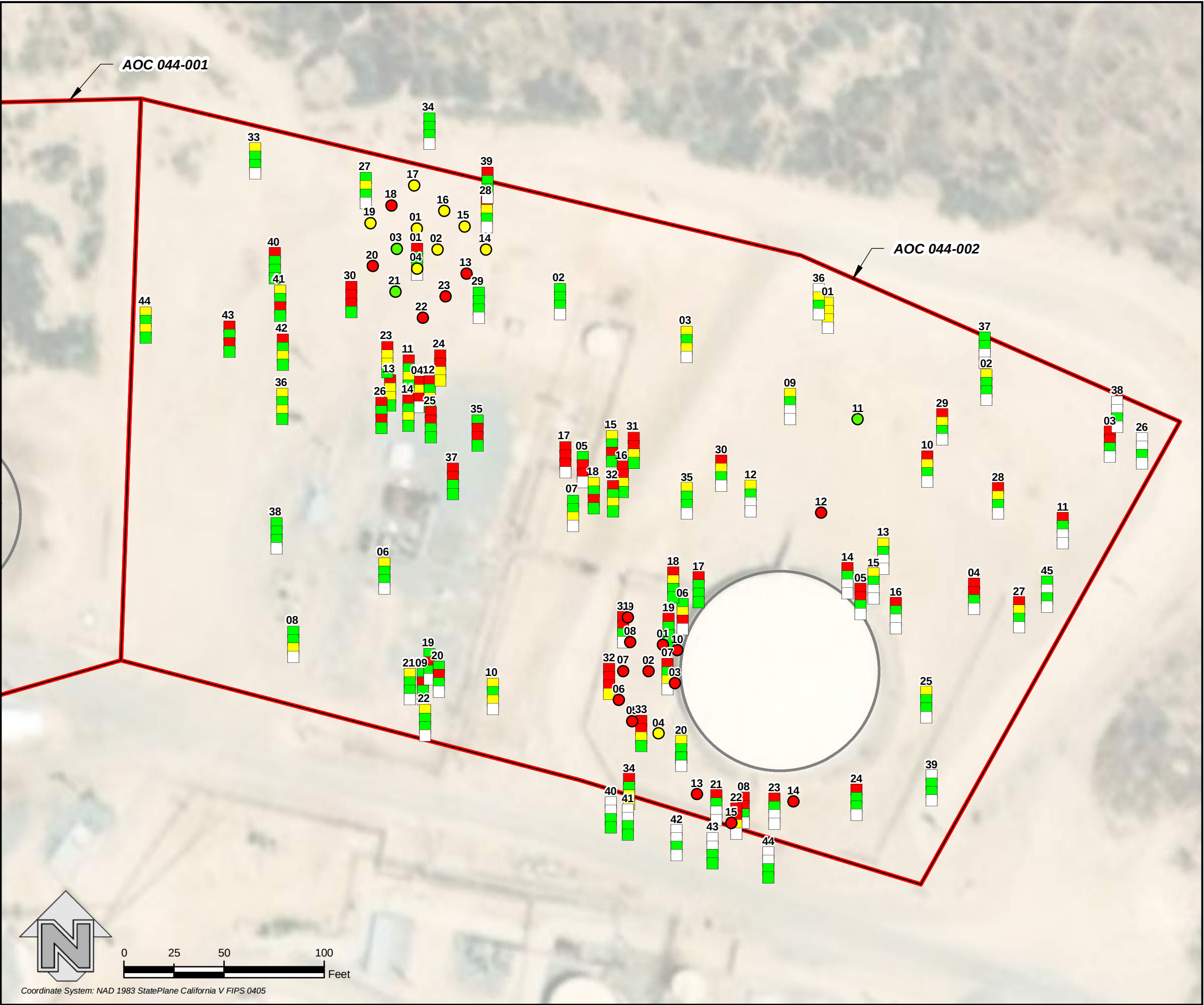
- 12'** Depth of Impacted Soil
- Fence
- Impacted Area
- Soil Boring
- Surface Sample
- Approximate Location of Former Tank Setting
- Preliminary Area of Concern Boundary

- Notes**
- Aerial photography provided by Kern County, CA, 2011.
  - Survey data provided by DOE, 2011.
  - Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
  - AOC 044-001 boundary is preliminary and subject to change.
  - Former tank location sourced from historical aerial photography provided by Kern County (1981).
- \* Sample location ID in map label contains the last two characters of the complete ID. A044\_01\_DU01\_SB01 = 01.

**AOC 044-001 AREA EXCEEDING CLEANUP GOAL**

| FORMER NAVAL PETROLEUM RESERVE NO.1 |                    |            |
|-------------------------------------|--------------------|------------|
| KERN COUNTY, CALIFORNIA             |                    |            |
| Location                            | Section Designator | Figure No. |
| AOC 044-001                         | 23S                | 4.1-1      |

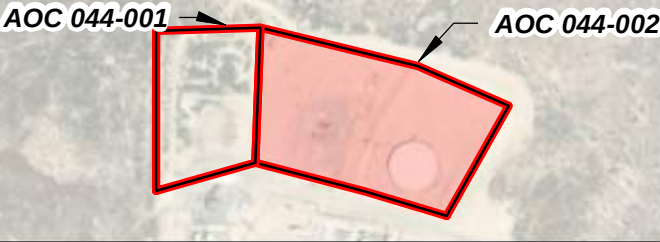




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### Legend

07 - Location ID\*

Soil Boring

Surface Sample

### Soil Boring Depth Range

- 0-0.5 ft bgs
- >0.5-3 feet bgs
- >3-11 ft bgs
- >11-23 ft bgs

### Analytical Result

- No Data Within Depth Range
- Arsenic Result < Background Level (16 mg/kg)
- Arsenic Result > Background Level (16 mg/kg) and < Action Level (26 mg/kg)
- Arsenic Result ≥ Action Level (26 mg/kg)
- Arsenic Result < Background Level (16 mg/kg)
- Arsenic Result > Background Level (16 mg/kg) and < Action Level (26 mg/kg)
- Arsenic Result ≥ Action Level (26 mg/kg)

- Approximate Location of Tank Setting
- Preliminary Area of Concern Boundary

### Notes

- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by DOE, 2011.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC 044-002 boundary is preliminary and subject to change.
- Arsenic results are from the 2014 RFI and the 2017-2018 Supplemental Sampling Investigation.

\* Sample location ID in map label contains the last two characters of the complete ID. A044\_02\_DU01\_SB/SS01 = 01.

### AOC 044-002 COC RESULTS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 044-002 | 23S                | 5.0-1      |



AOC 044-001

AOC 044-002

### Legend

- 2' Depth of Impacted Soil
- △ Soil Boring
- Surface Sample
- Approximate Location of Tank Setting
- - - Impacted Area
- ▭ Preliminary Area of Concern Boundary

### Notes

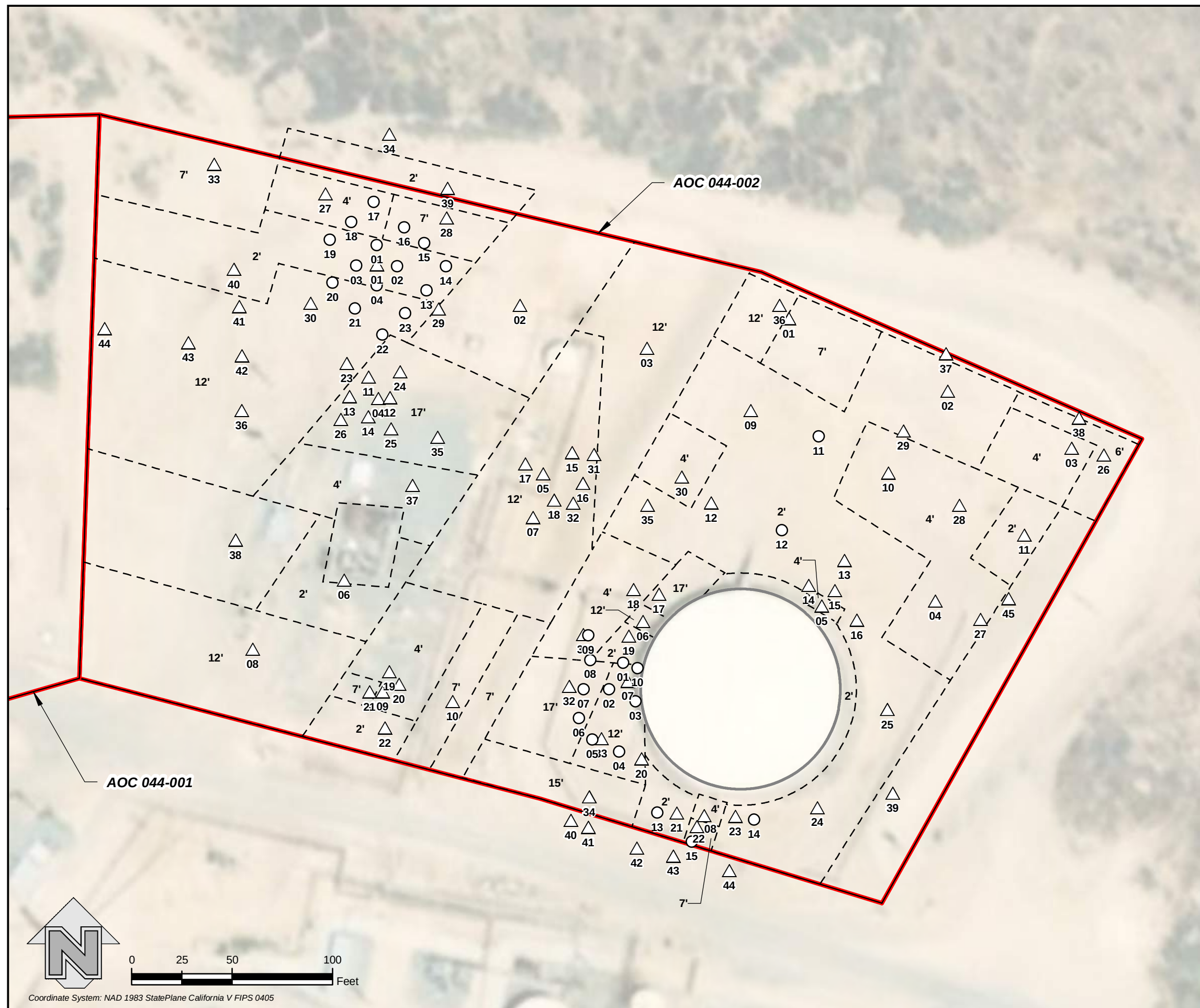
1. Aerial photography provided by Kern County, CA, 2011.
  2. Survey data provided by DOE, 2011.
  3. Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
  4. AOC 044-002 boundary is preliminary and subject to change.
  5. Arsenic results are from the 2014 RFI and the 2017-2018 Supplemental Sampling Investigation.
- \* Sample location ID in map label contains the last two characters of the complete ID. A044\_02\_DU01\_SB/SS01 = 01.

### AOC 044-002 AREA EXCEEDING CLEANUP GOAL

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 044-002 | 23S                | 5.1-1      |



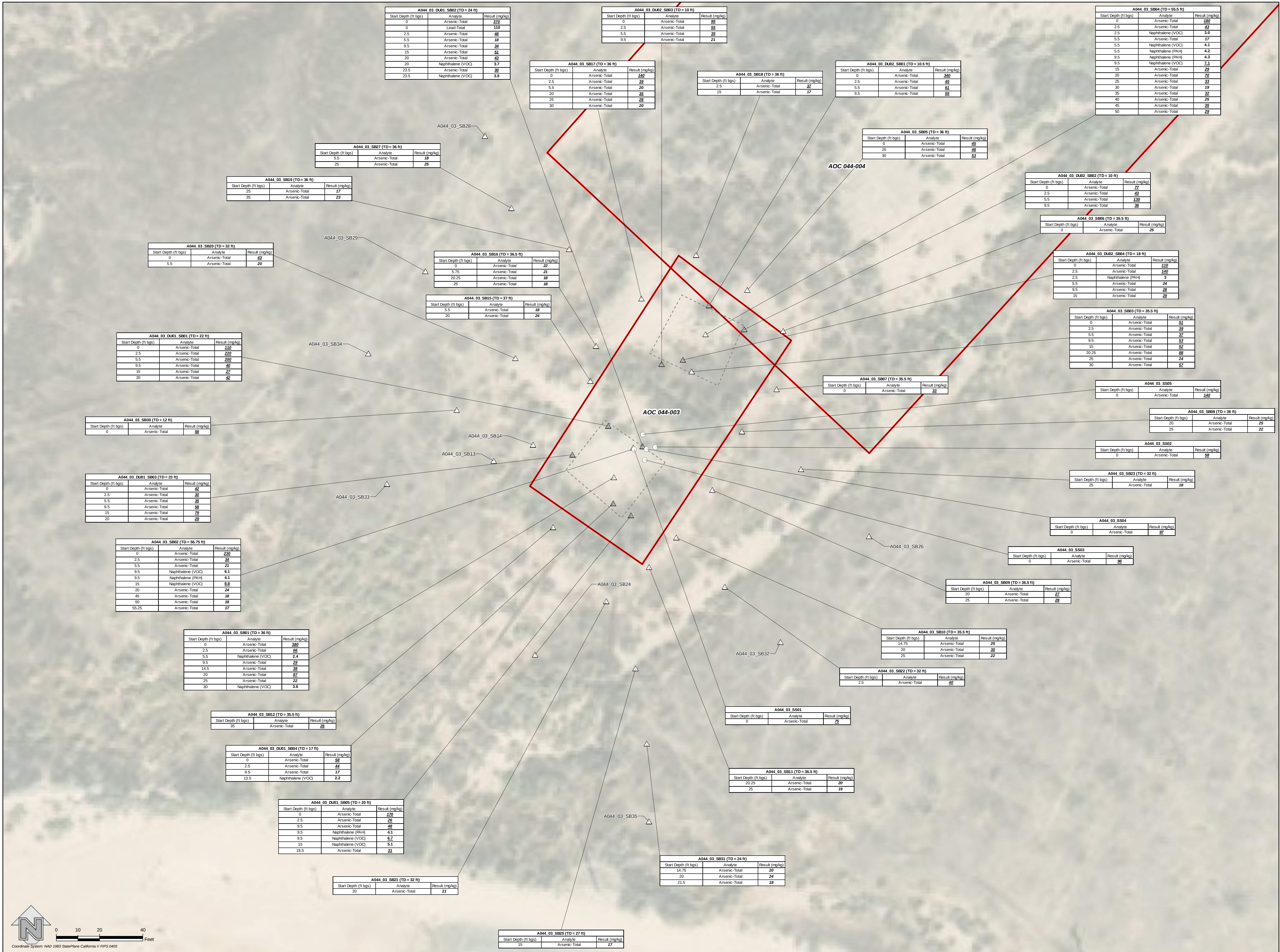


## **AOC 044-003, -004 and -005**

### Reference

Ahtna, 2021. *Draft Remedy Selection and Statement of Basis AOC 044-003, AOC 044-004, and AOC 044-005*. 11 January.





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AOC 044-004

AOC 044-005

AOC 044-003

AOC 044-002

AOC 044-001

5-321WD-26S

△

Soil Boring (2020)

▲

Soil Boring (2014)

○

Surface Soil Sample (2020)

●

Well

⊙

Sump

---

Preliminary Area of Concern Boundary

Screening Levels

| Analyte         | Background (mg/kg) | Action Level (mg/kg) |
|-----------------|--------------------|----------------------|
| Arsenic - Total | 16                 | 25                   |
| Lead - Total    | 60                 | 320                  |
| Naphthalene     | 2.0                | 6.8                  |

Notes

1. Aerial photography provided by Esri Online World Imagery, accessed January 2021.

2. Survey data provided by DOE, 2011.

3. Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.

4. AOC 044-003 boundary is preliminary and subject to change.

5. TD = total depth of soil boring below ground surface

AOC 044-003 SAMPLE RESULTS

EXCEEDING SCREENING LEVELS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

Location

Section Designator

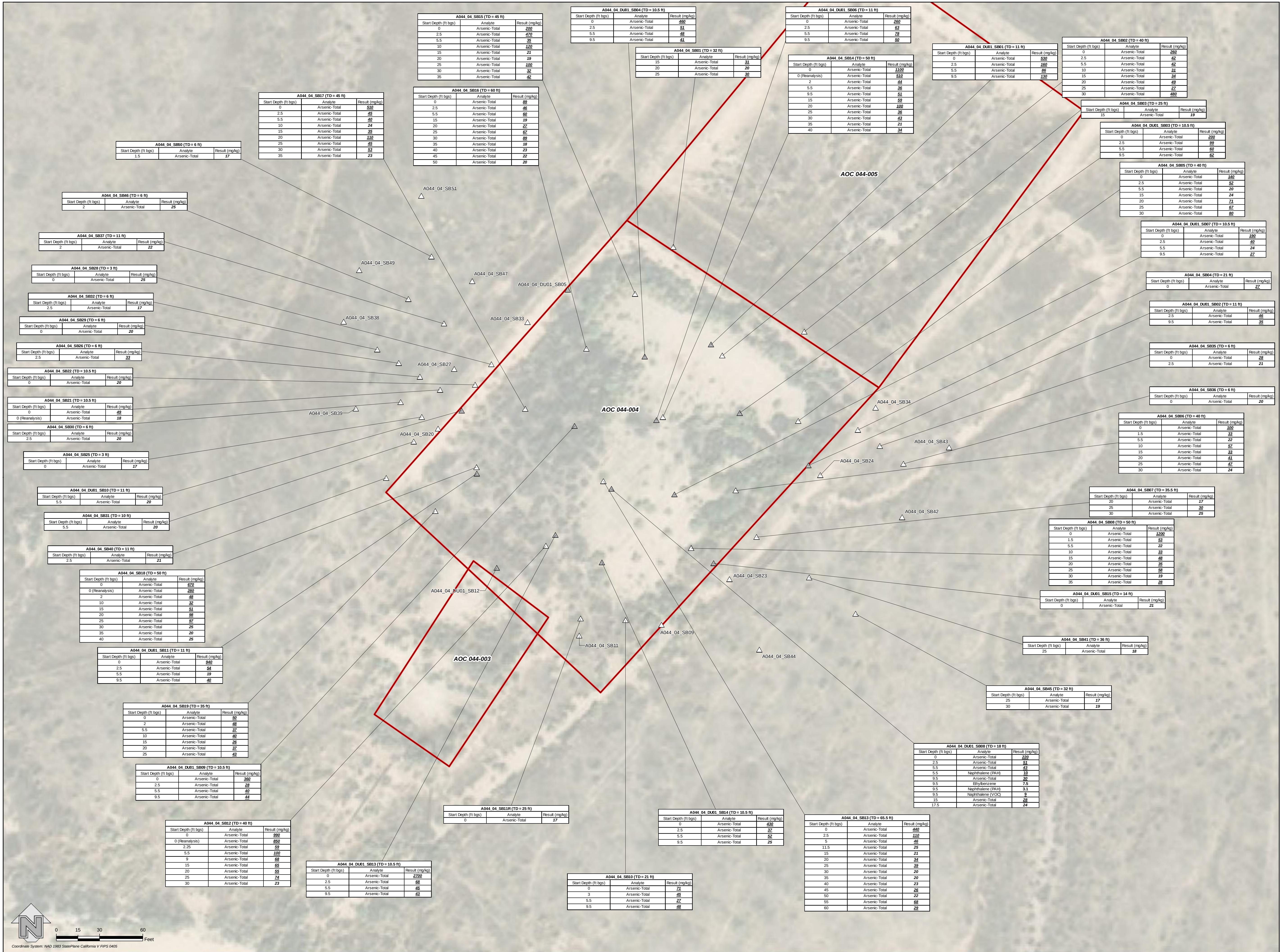
Figure No.

AOC 044-003

23S

A3.1-1





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AOC 044-004

MW1-23S

AOC 044-005

AOC 044-003

AOC 044-002

AOC 044-001

5-321WD-26S

Legend

△ Soil Boring (2020)

▲ Soil Boring (2014)

● Well

Preliminary Area of Concern Boundary

Screening Levels

| Analyte         | Background (mg/kg) | Action Level (mg/kg) |
|-----------------|--------------------|----------------------|
| Arsenic - Total | 16                 | 25                   |
| Ethylbenzene    | 5.5                | 25                   |
| Naphthalene     | 2.0                | 6.5                  |

Notes

1. Aerial photography provided by Esri Online World Imagery, accessed January 2021.

2. Survey data provided by DOE, 2011.

3. Soil borings located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.

4. AOC 044-004 boundary is preliminary and subject to change.

5. TD = total depth of soil boring below ground surface.

AOC 044-004 SAMPLE RESULTS

EXCEEDING SCREENING LEVELS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

Location

AOC 044-004

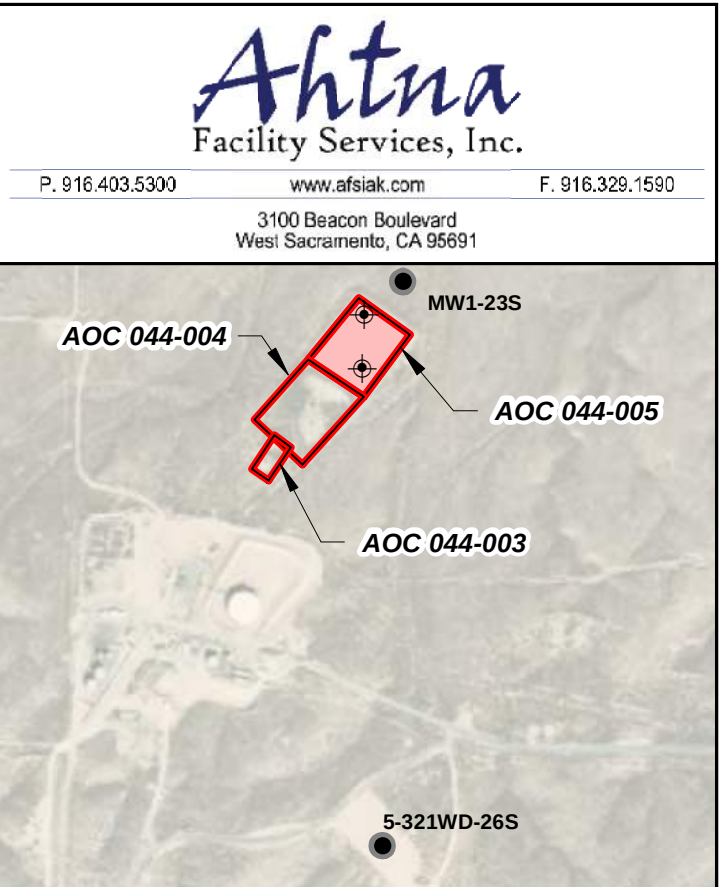
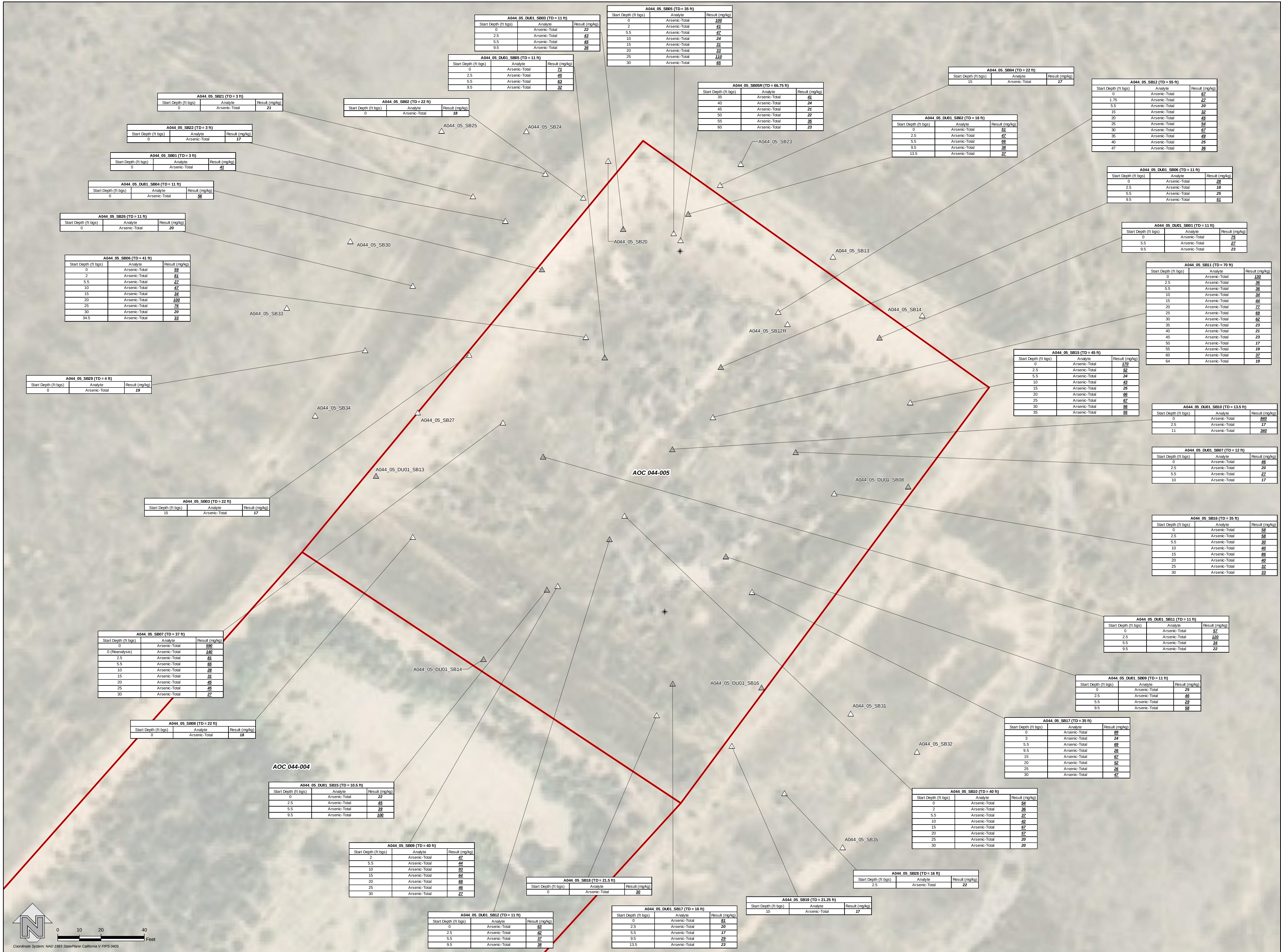
Section Designator

23S

Figure No.

A4.1-1







## **AOC 047-001**

### Reference

Ahtna, 2019. *Draft Interim Measures/Removal Action Work Plan AOC 047-001*. 5 April.



Legend

- 8' Depth of Impacted Soil
- ▲ Soil Boring (Langan, 2012)
- △ Soil Boring (AFSI, 2018)
- ▲ Soil Boring (AFSI, 2013)
- Impacted Area
- Decision Unit Boundary
- Preliminary Area of Concern Boundary

Screening Levels

| Analyte       | Background (mg/kg)  | Action Level (mg/kg)          |
|---------------|---------------------|-------------------------------|
| Arsenic-Total | 16                  | <u>26</u>                     |
| Analyte       | Residential (mg/kg) | Commercial/Industrial (mg/kg) |
| Cadmium-Total | 5.2                 | <u>7.3</u>                    |

Notes:

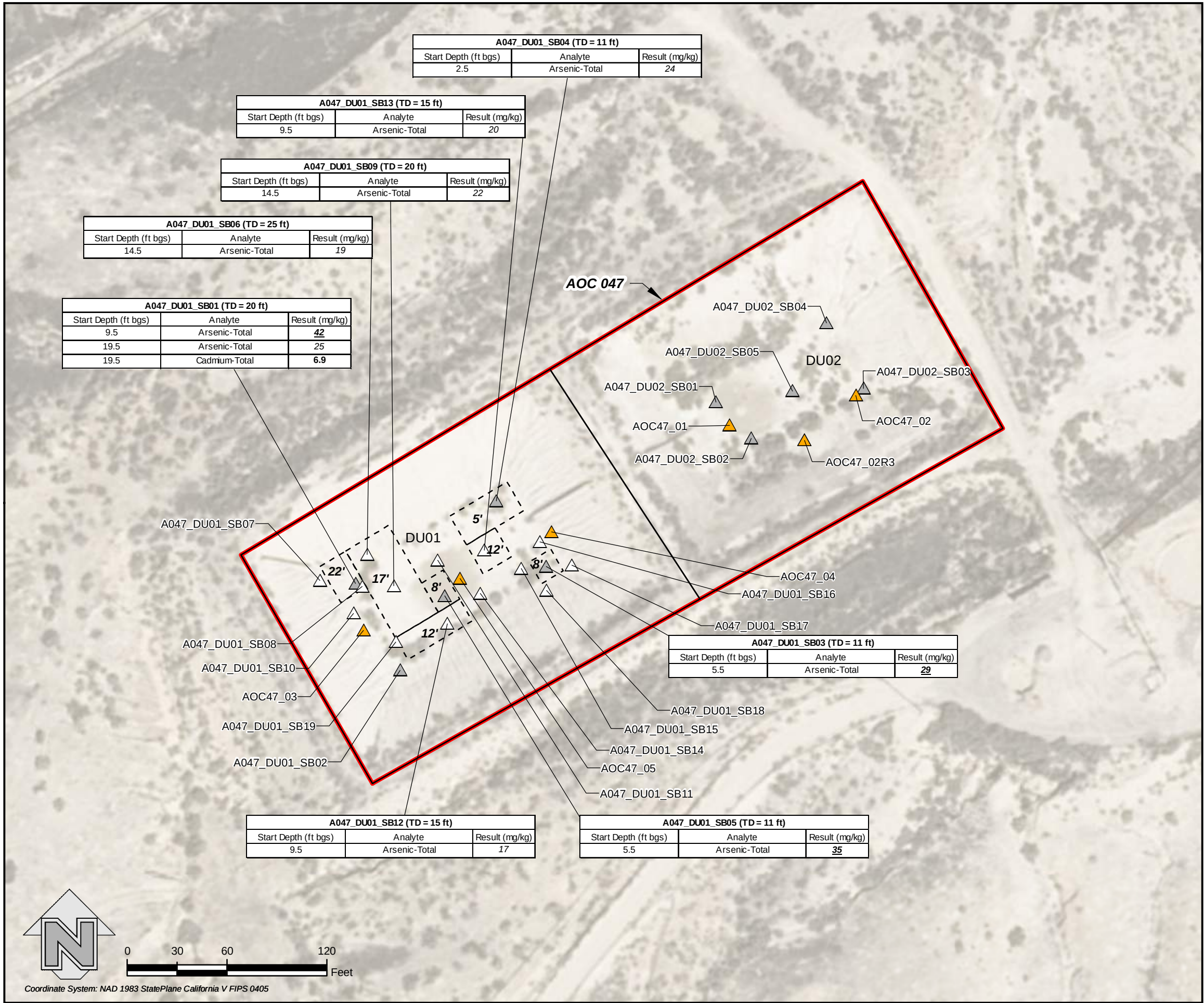
- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by DOE, 2011.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC 047 boundary is preliminary and subject to change.
- TD = total depth of soil boring below ground surface.

AOC 047 DU01 SAMPLE RESULTS  
EXCEEDING SCREENING LEVELS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location | Section Designator | Figure No. |
|----------|--------------------|------------|
| AOC 047  | 24Z                | 1          |



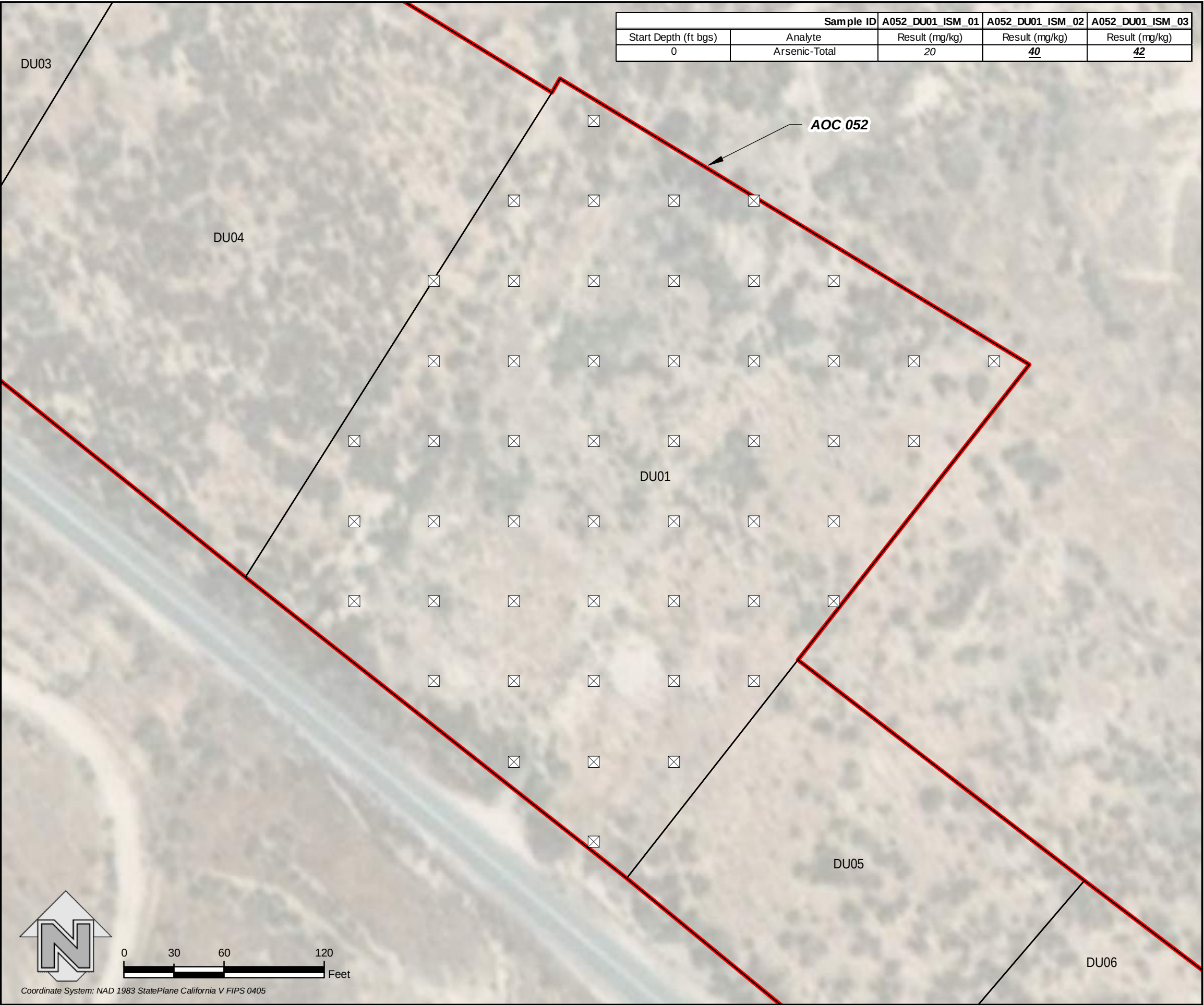


## **AOC 052**

### Reference

Ahtna, 2020. *Supplemental Sampling Plan AOC 052*. 26 March.





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AOC 052

Legend

Approximate Location of ISM Aliquot

Decision Unit Boundary

Preliminary Area of Concern Boundary

Screening Levels

| Analyte       | Background (mg/kg) | Action Level (mg/kg) |
|---------------|--------------------|----------------------|
| Arsenic-Total | 16                 | <u>26</u>            |

Notes:

1. Aerial photography provided by Kern County, CA, 2011.

2. Survey data provided by DOE, 2011.

3. Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.

4. AOC 052 boundary is preliminary and subject to change.

2014 AOC 052 DU01 SAMPLE LOCATIONS AND RESULTS EXCEEDING SCREENING LEVELS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location | Section Designator | Figure No. |
|----------|--------------------|------------|
| AOC 052  | 25S                | 2.0-1      |



## **AOC 053**

### Reference

Ahtna, 2020. *Draft Remedy Selection and Statement of Basis AOC 053*. 28 August.









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382-255

AOC 053

Legend

4' Depth of Impacted Soil (ft bgs)

○ Surface Sample

07 Location ID\*

⊕ Well

△ Soil Boring

× × × × Fence Line Between Former NPR-1 and State of California Property

Approximate Location of Ditch

Impacted Area (Hazardous)

Impacted Area (Non-hazardous)

Preliminary Area of Concern Boundary

Notes

1. Aerial photography provided Kern County, CA, 2011.

2. Survey data provided by DOE, 2011.

3. Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.

4. AOC boundary is preliminary and subject to change.

5. Sample location ID in map label contains the last two or three characters of the complete ID. AOC053\_SB/SS01.

6. Sample location ID in map label contains the last seven characters of the complete ID. AOC053\_DU0X\_SB01.

AREA EXCEEDING CLEANUP GOAL

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

LocationAOC 053

Section DesignatorZ5S

Figure No.4.4-1



## **AOC 070-001**

### Reference

Ahtna, 2018. *RFI Implementation Report Addendum AOC 070-001*. 2 March.



| A070_01_DU09_SB02    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.38</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>190000</u></b> |
| 0                    | TPH - diesel             | <b><u>29000</u></b>  |

| A070_01_DU09_SB03    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.30</u></b>  |
| 0                    | Total Carbon Chain Range | <b><u>64000</u></b> |

| A070_01_DU09_SB06    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.77</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>220000</u></b> |
| 0                    | TPH - diesel             | <b><u>38000</u></b>  |

| A070_01_DU09_SB01    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.54</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>190000</u></b> |
| 0                    | TPH - diesel             | <b><u>33000</u></b>  |

| A070_01_DU09_SB04    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.69</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>220000</u></b> |
| 0                    | TPH - diesel             | <b><u>36000</u></b>  |

| A070_01_DU09_SB05    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.25</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>62000</u></b>  |
| 2.5                  | Benzo(a)pyrene TEQ       | <b><u>0.32</u></b>   |
| 2.5                  | Total Carbon Chain Range | <b><u>110000</u></b> |

| A070_01_DU09_SB12    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 2                    | Benzo(a)pyrene TEQ       | <b><u>0.26</u></b>  |
| 2                    | Total Carbon Chain Range | <b><u>26000</u></b> |

| A070_01_DU09_SB14    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Total Carbon Chain Range | <b><u>21000</u></b> |
| 2                    | Benzo(a)pyrene TEQ       | <b><u>0.31</u></b>  |
| 2                    | Total Carbon Chain Range | <b><u>63000</u></b> |

| A070_01_DU09_SB13    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Total Carbon Chain Range | <b><u>53000</u></b> |

| A070_01_DU09_SB11    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.37</u></b>  |
| 0                    | Total Carbon Chain Range | <b><u>58000</u></b> |
| 2.5                  | Total Carbon Chain Range | <b><u>28000</u></b> |

| A070_01_DU09_SB15    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.28</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>190000</u></b> |

| A070_01_DU09_SB09    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene           | <b><u>0.52</u></b>   |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>1.1</u></b>    |
| 0                    | Dibenz(a,h)anthracene    | <b><u>0.43</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>150000</u></b> |
| 0                    | TPH - diesel             | <b><u>34000</u></b>  |

| A070_01_DU09_SB17    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Total Carbon Chain Range | <b><u>62000</u></b> |

| A070_01_DU09_SB07    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.24</u></b>  |
| 0                    | Total Carbon Chain Range | <b><u>77000</u></b> |

| A070_01_DU09_SB08    |                          |                      |
|----------------------|--------------------------|----------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)       |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.37</u></b>   |
| 0                    | Total Carbon Chain Range | <b><u>120000</u></b> |

| A070_01_DU09_SB10    |                          |                     |
|----------------------|--------------------------|---------------------|
| Start Depth (ft bgs) | Analyte                  | Result (mg/kg)      |
| 0                    | Benzo(a)pyrene           | <b><u>0.24</u></b>  |
| 0                    | Benzo(a)pyrene TEQ       | <b><u>0.72</u></b>  |
| 0                    | Dibenz(a,h)anthracene    | <b><u>0.37</u></b>  |
| 0                    | Total Carbon Chain Range | <b><u>57000</u></b> |

## Legend

-  Previous Sample Location (Langan 2011)
-  Soil Boring Location
-  Excavation Boundary
-  Preliminary Area of Concern Boundary

### Screening Levels

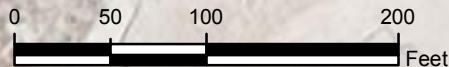
| Analyte                  | Commercial/Industrial (mg/kg) |
|--------------------------|-------------------------------|
| Benzo(a)pyrene           | 0.21                          |
| Benzo(a)pyrene TEQ       | 0.21                          |
| Dibenz(a,h)anthracene    | 0.21                          |
| Total Carbon Chain Range | 18000                         |
| TPH - diesel             | 18000                         |

### Notes:

- Aerial photography provided by Kern County, CA, 2011.
- Survey data provided by DOE, 2011.
- AOC 070-001 preliminary boundary surveyed by AFSI, 2015.
- AOC 070-001 and 070-002 boundaries are preliminary and subject to change.
- Previous sample locations provided by Langan Engineering & Environmental Services, Inc.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- Bold and Underlined** value indicates result greater than Commercial/Industrial Screening Levels.



Coordinate System: NAD 1983 StatePlane California V FIPS 0405



**Ahtna**  
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## AOC 070-001 SAMPLE RESULTS EXCEEDING COMMERCIAL/INDUSTRIAL SCREENING LEVELS

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 070-001 | 27R                | Draft      |



## **AOC 072**

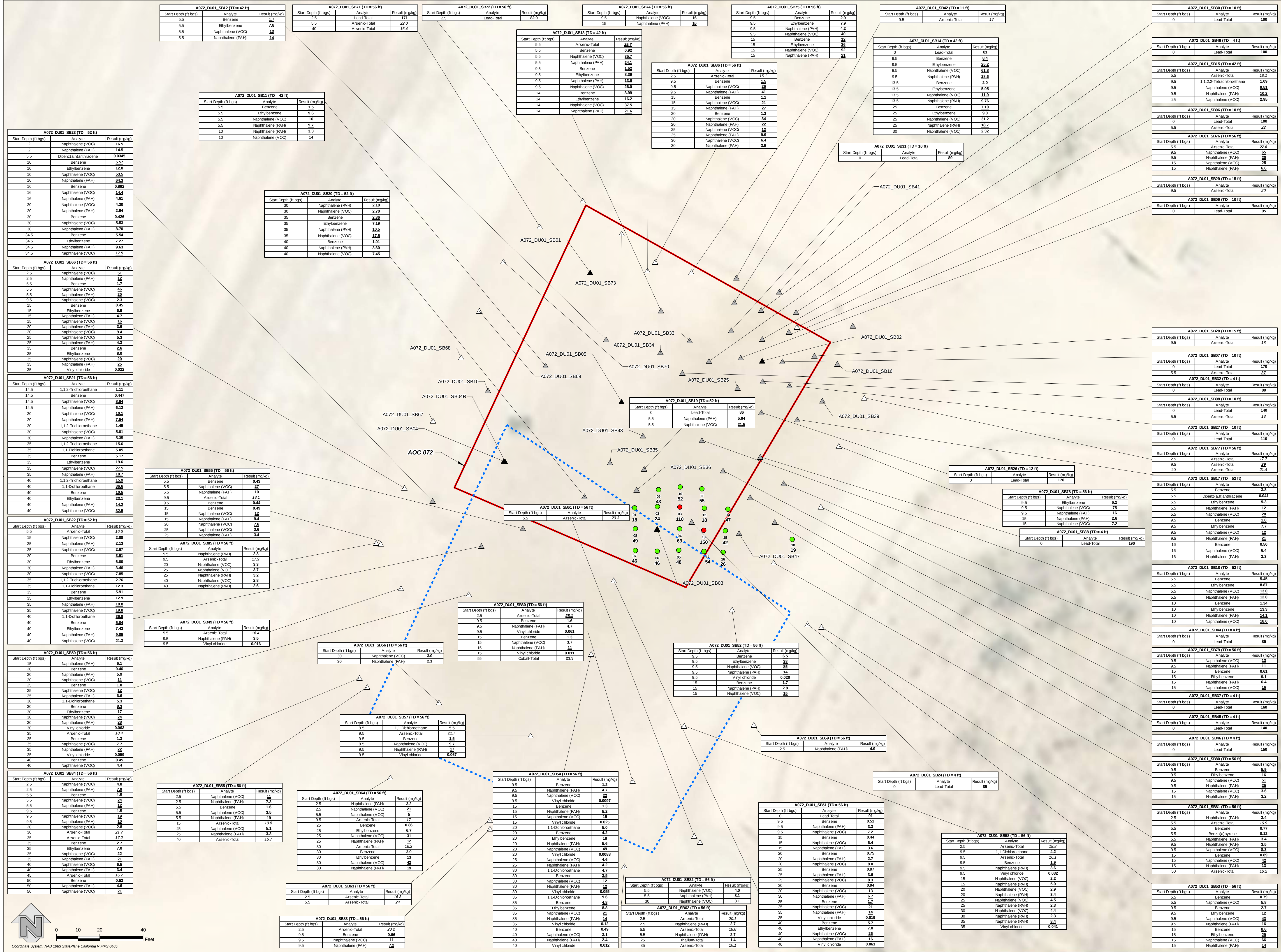
### Reference

Ahtna, 2020. *Draft Remedy Selection and Statement of Basis AOC 072*. 17 September.









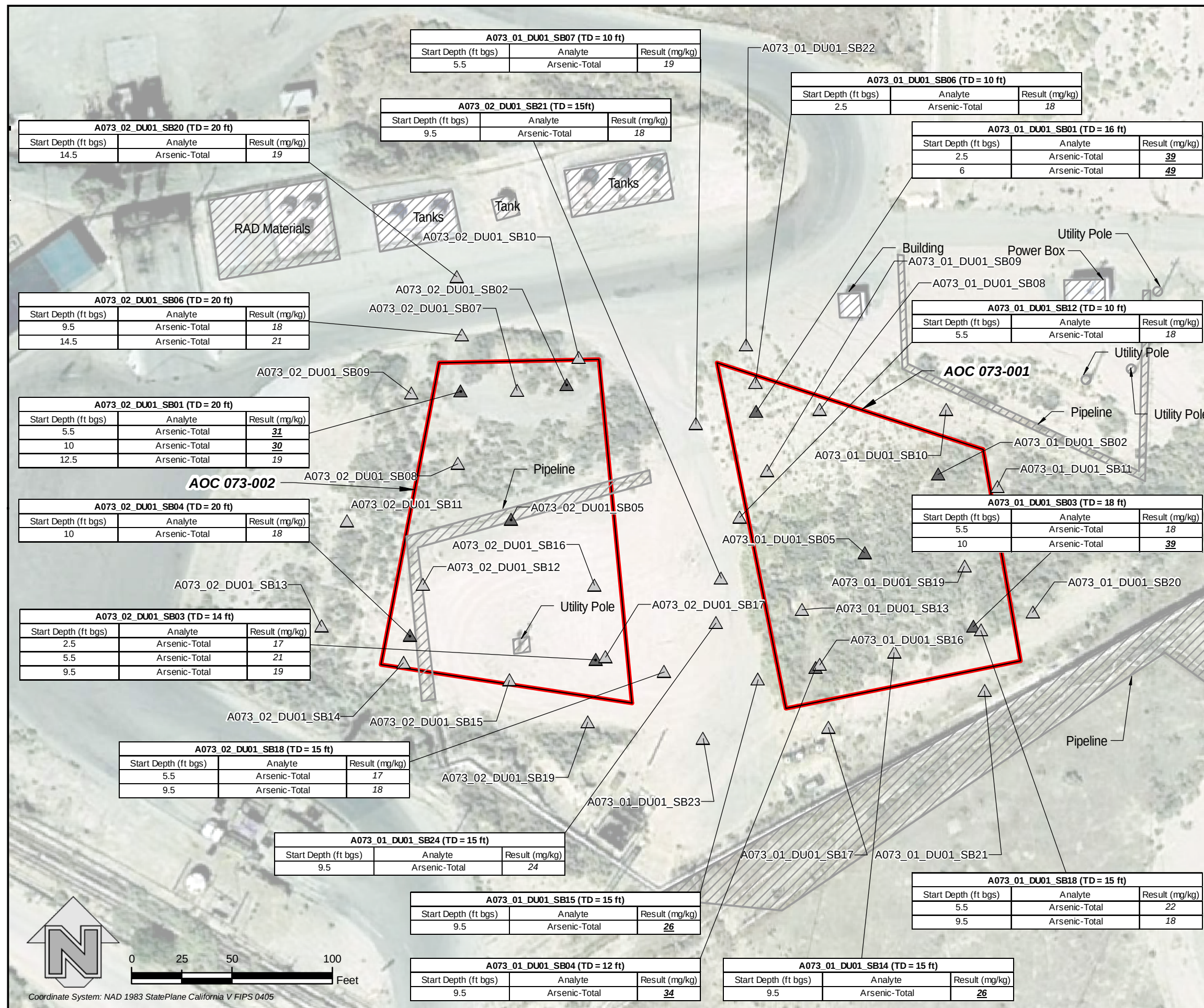


## **AOC 073-001 and -002**

### Reference

Ahtna, 2020. *Draft Remedy Selection and Statement of Basis AOC 073-001 and AOC 073-002*. 21 August.





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**Legend**

- Soil Boring (2018)
- Soil Boring (2015)
- Inaccessible Area
- Preliminary Area of Concern Boundary

**Screening Levels**

| Analyte       | Background (mg/kg) | Action Level (mg/kg) |
|---------------|--------------------|----------------------|
| Arsenic-Total | 16                 | 26                   |

**Notes**

- Aerial photography provided by Google Earth, 2018.
- Survey data provided by DOE, 2011.
- Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
- AOC boundaries are preliminary and subject to change.
- TD = Total depth of soil boring below ground surface.

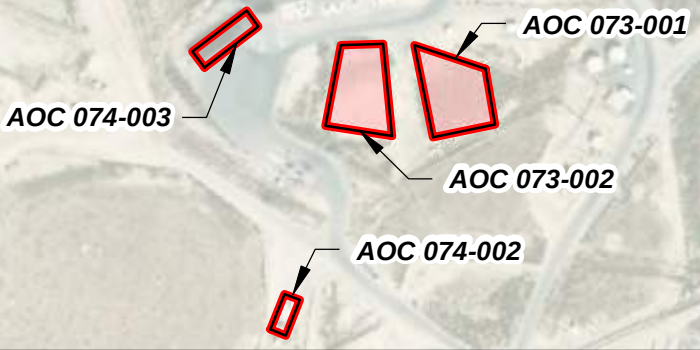
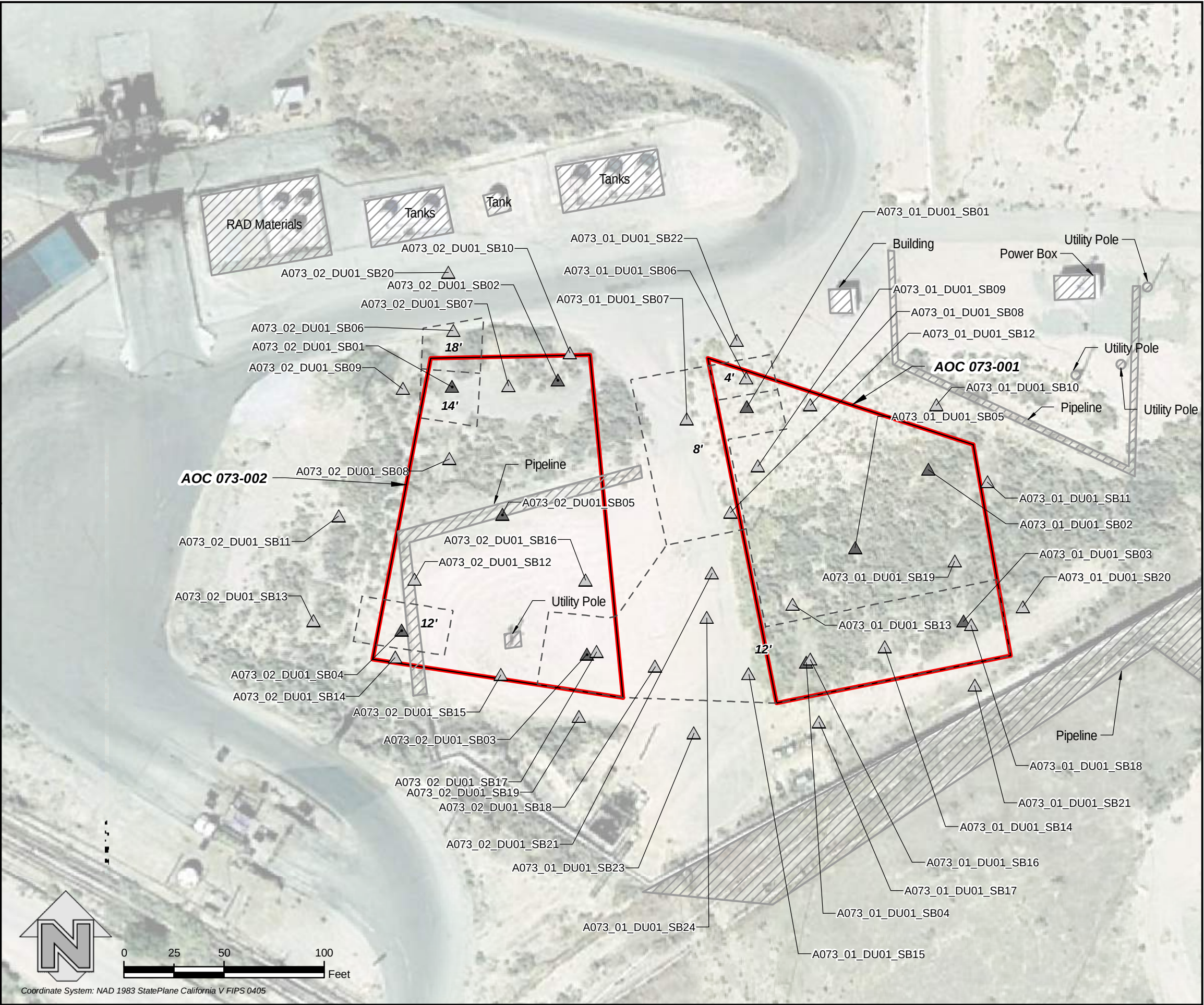
**COC RESULTS EXCEEDING SCREENING LEVELS**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

| Location    | Section Designator | Figure No. |
|-------------|--------------------|------------|
| AOC 073-001 | 27R                | 3.0-1      |
| AOC 073-002 |                    |            |





- Legend**
- 8' Estimated Excavation Depth (ft bgs)
  - △ Soil Boring (2018)
  - ▲ Soil Boring (2015)
  - - - Impacted Area
  - ▨ Inaccessible Area
  - ▭ Preliminary Area of Concern Boundary

- Notes**
- Aerial photography provided by Google Earth, 2018.
  - Survey data provided by DOE, 2011.
  - Soil samples located using Trimble GeoXH receiver with Virtual Reference Station real-time data correction.
  - AOC boundaries are preliminary and subject to change.

**AREAS EXCEEDING CLEANUP GOAL**

FORMER NAVAL PETROLEUM RESERVE NO.1

KERN COUNTY, CALIFORNIA

|          |                            |                    |     |            |       |
|----------|----------------------------|--------------------|-----|------------|-------|
| Location | AOC 073-001<br>AOC 073-002 | Section Designator | 27R | Figure No. | 4.4-1 |
|----------|----------------------------|--------------------|-----|------------|-------|