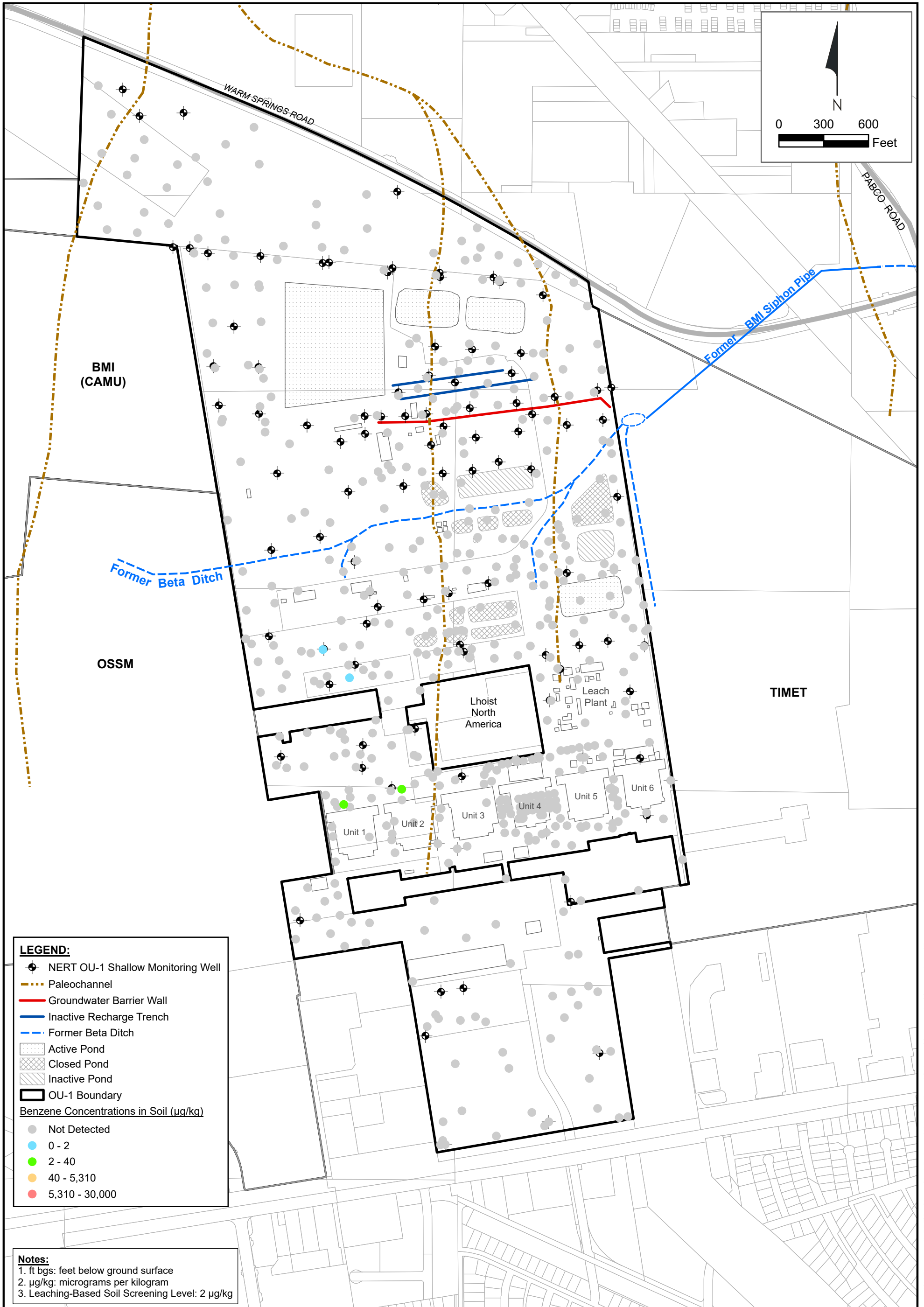


OU-1 Benzene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-26a

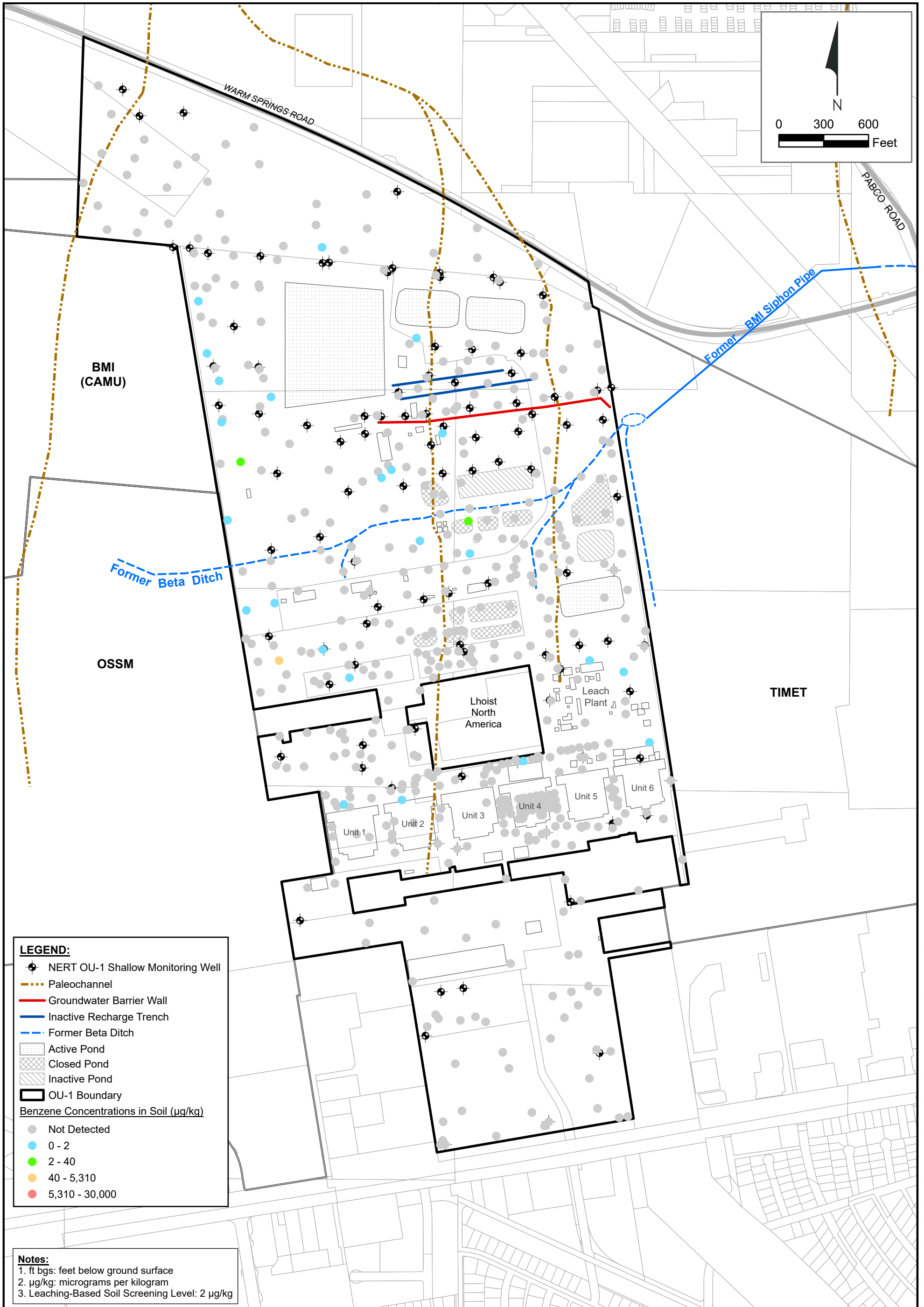


Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-26b Benzene 0 - 10



Benzene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-26b



Benzene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-26c

Drafter: JC

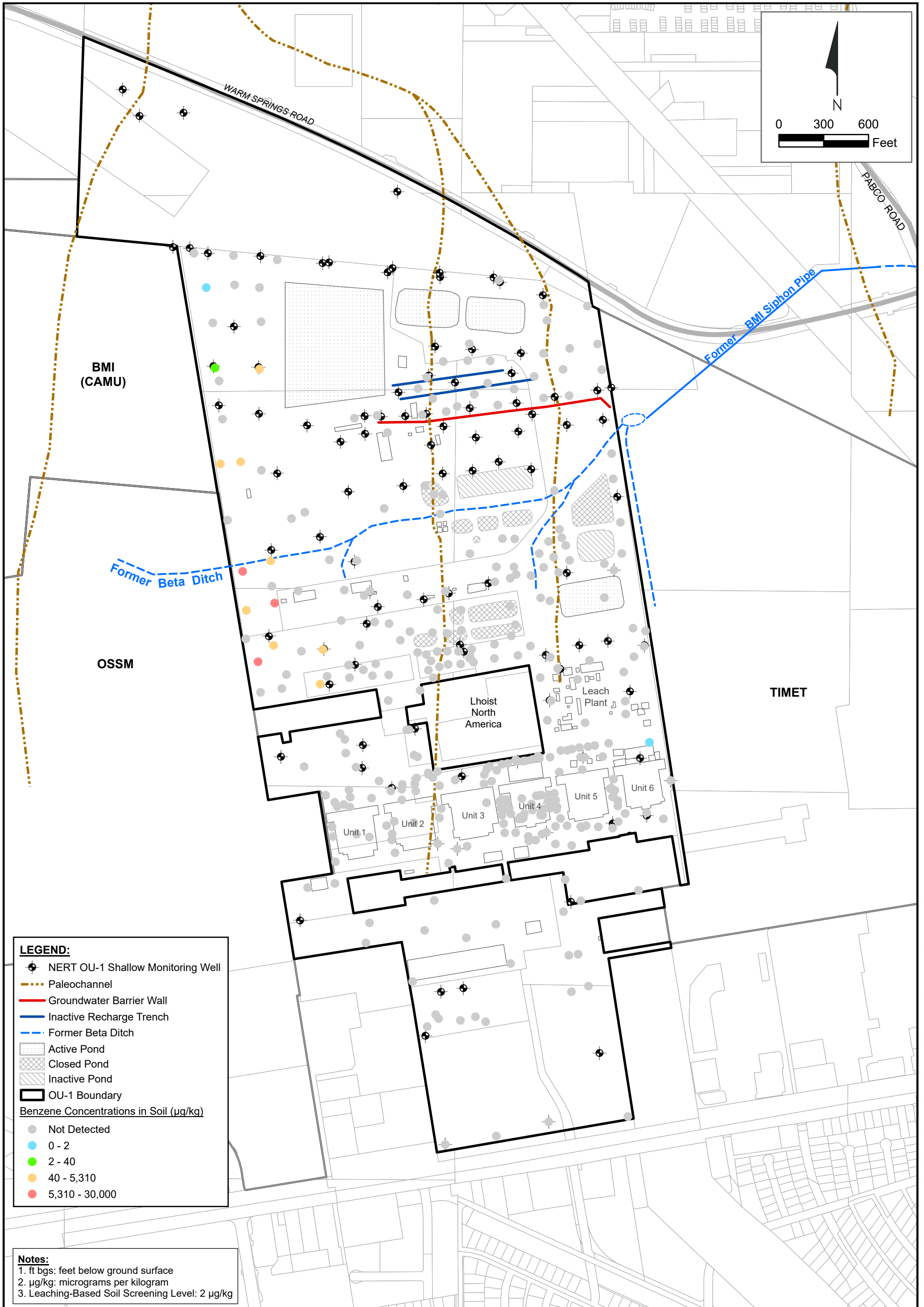
Date: 2023-01-12

Contract Number: 169002 9369

Approved by:

Revised:

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-26c Benzene 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Benzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 2
- 2 - 40
- 40 - 5,310
- 5,310 - 30,000

Notes:

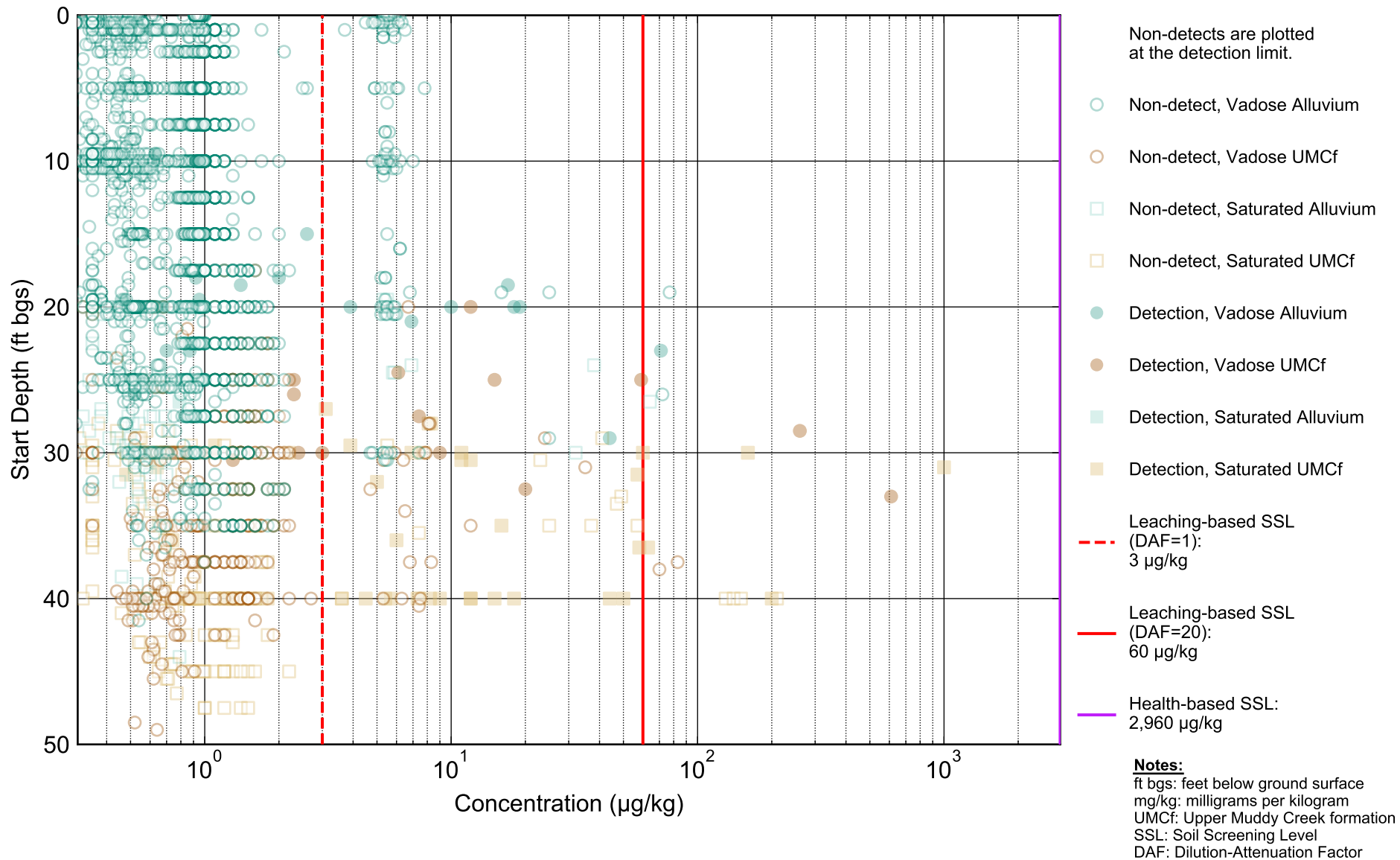
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 2 µg/kg



Benzene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-26d

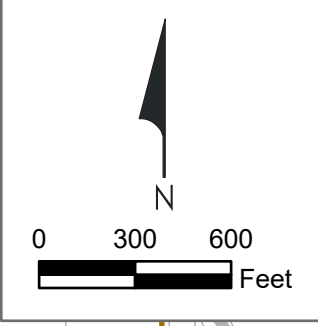
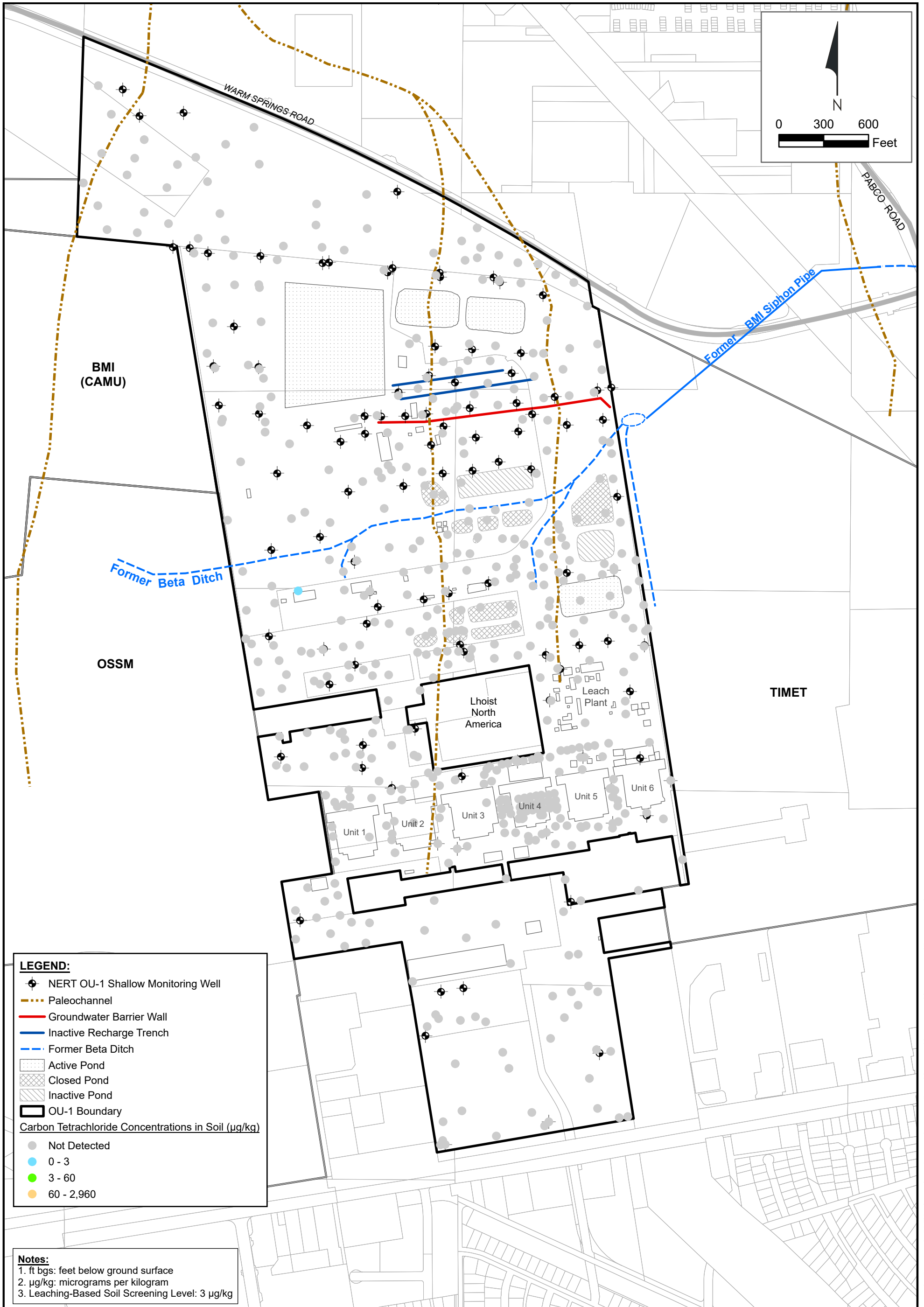
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-26d Benzene 30 - 50



OU-1 Carbon Tetrachloride Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

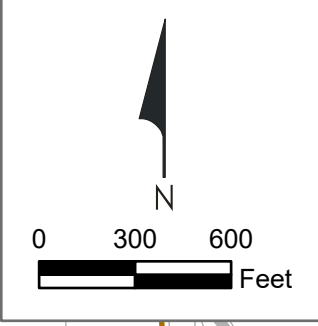
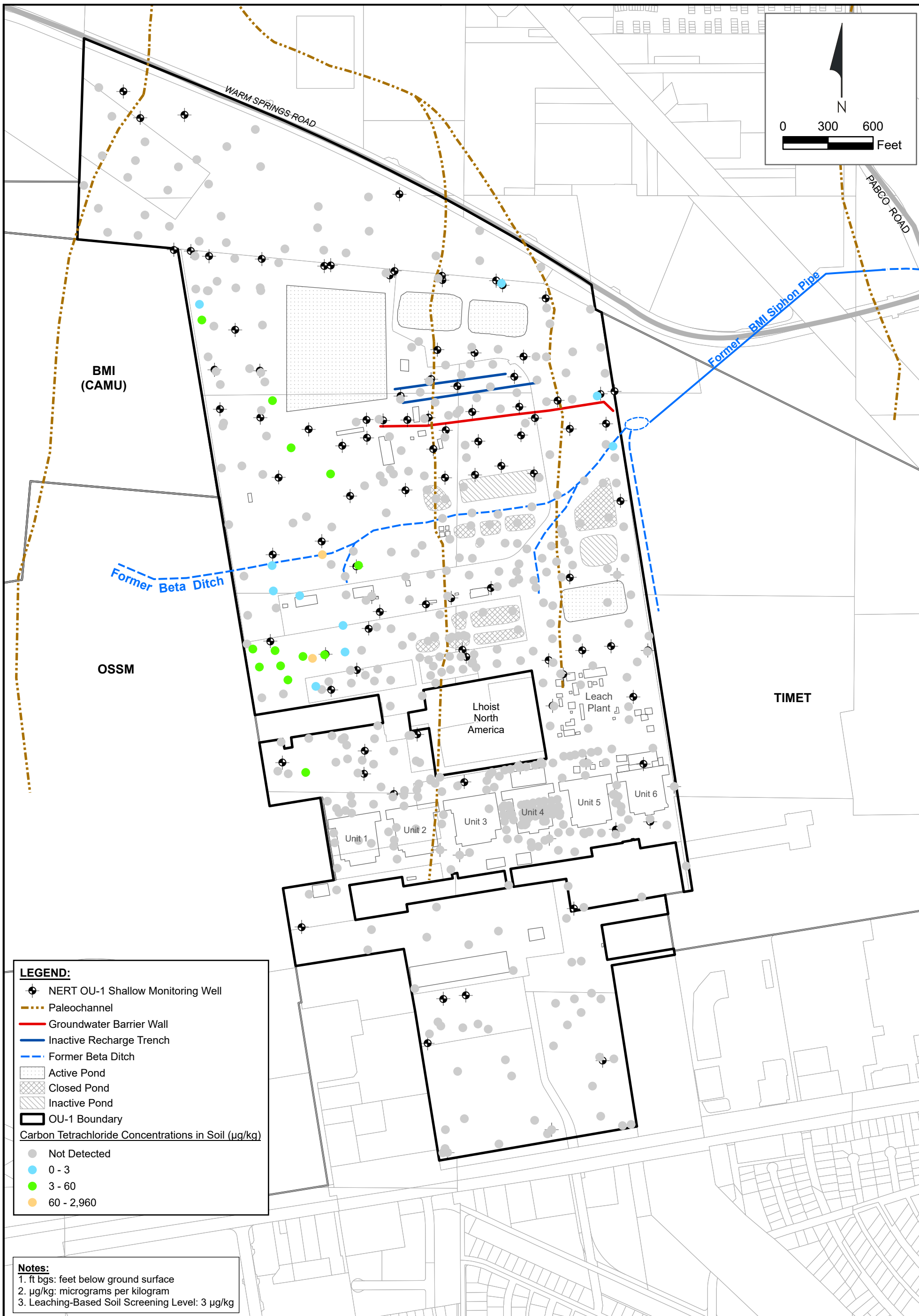
7-27a



Carbon Tetrachloride in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-27b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-27b Carbon tetrachloride 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Carbon Tetrachloride Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 2,960

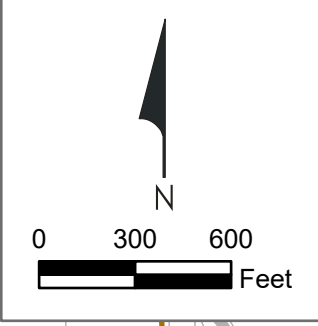
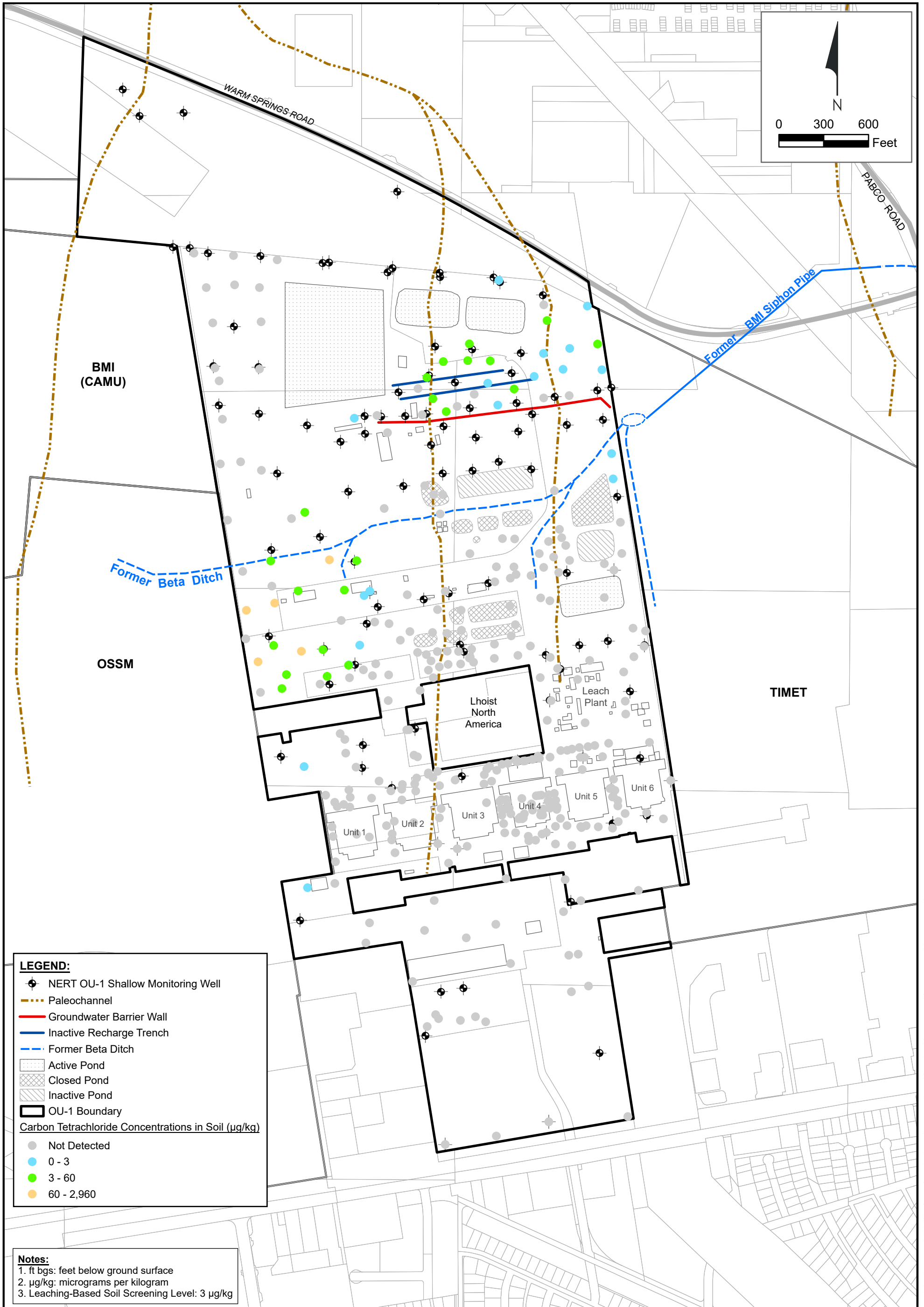
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 3 µg/kg



Carbon Tetrachloride in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-27c

Path: H:\Petomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-27c Carbon tetrachloride 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Carbon Tetrachloride Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 2,960

Notes:

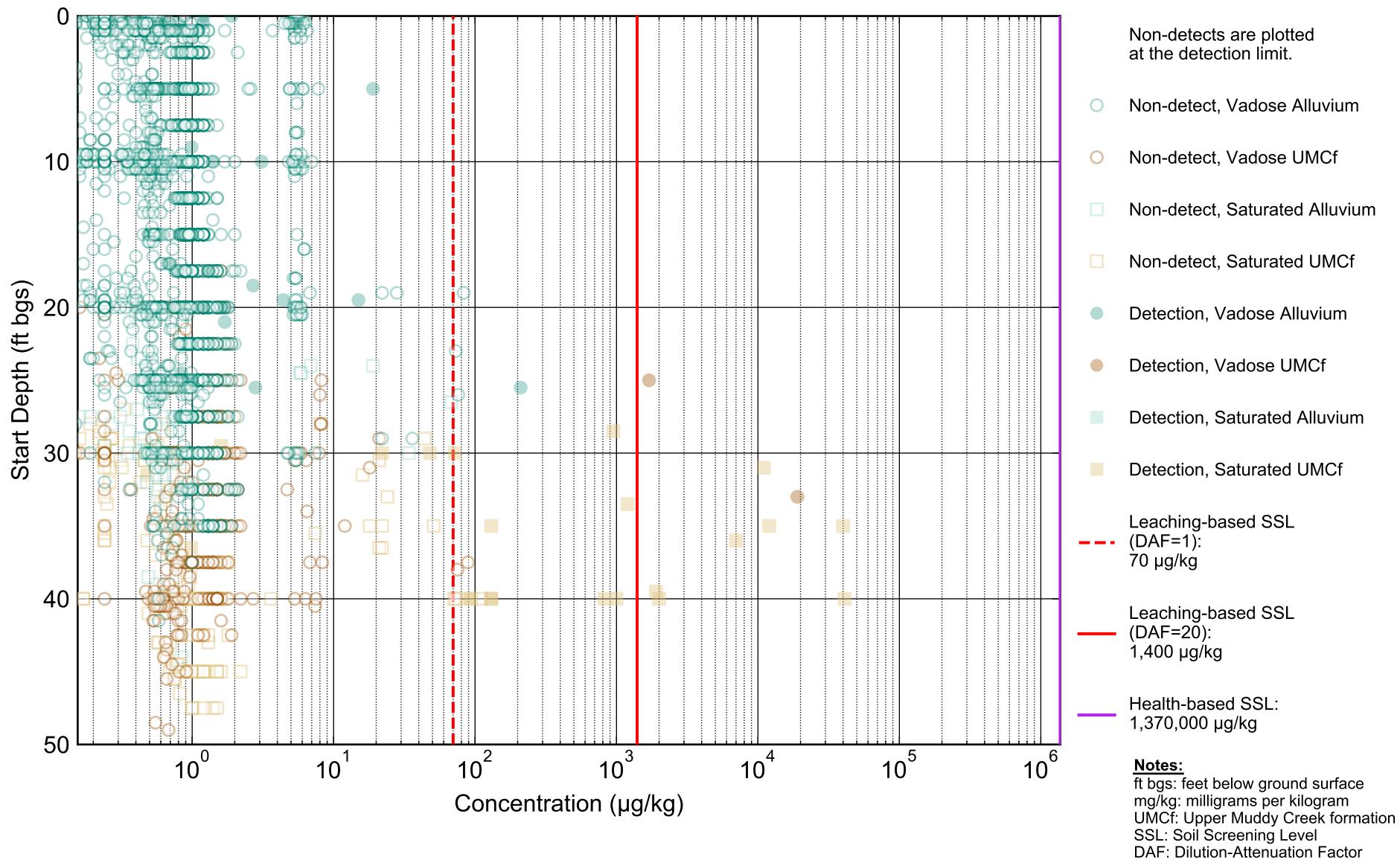
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 µg/kg



Carbon Tetrachloride in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-27d

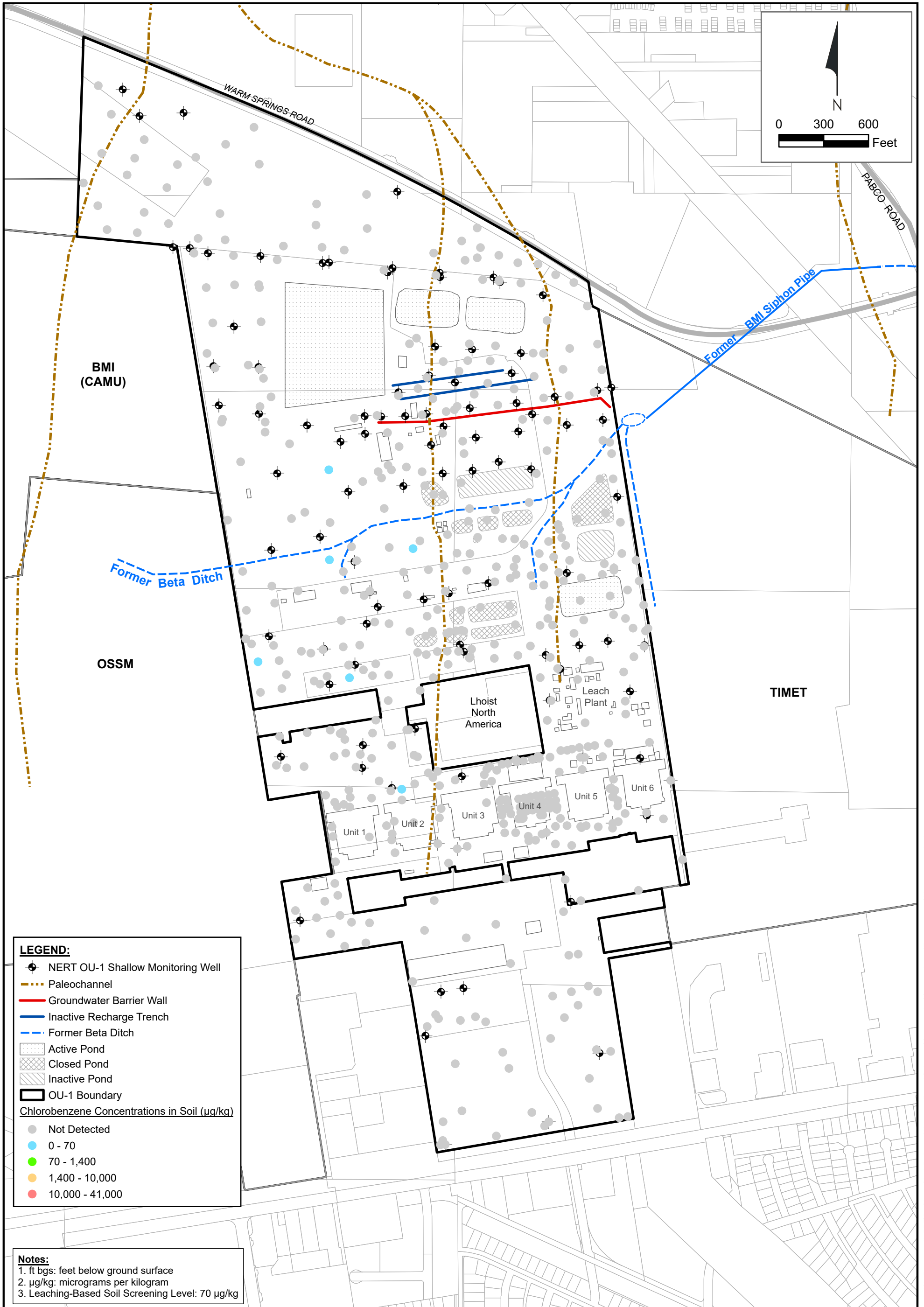
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-27d Carbon tetrachloride 30 - 50



OU-1 Chlorobenzene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-28a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Chlorobenzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 70
- 70 - 1,400
- 1,400 - 10,000
- 10,000 - 41,000

Notes:

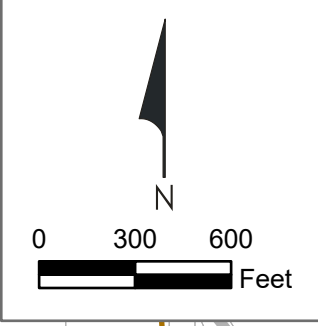
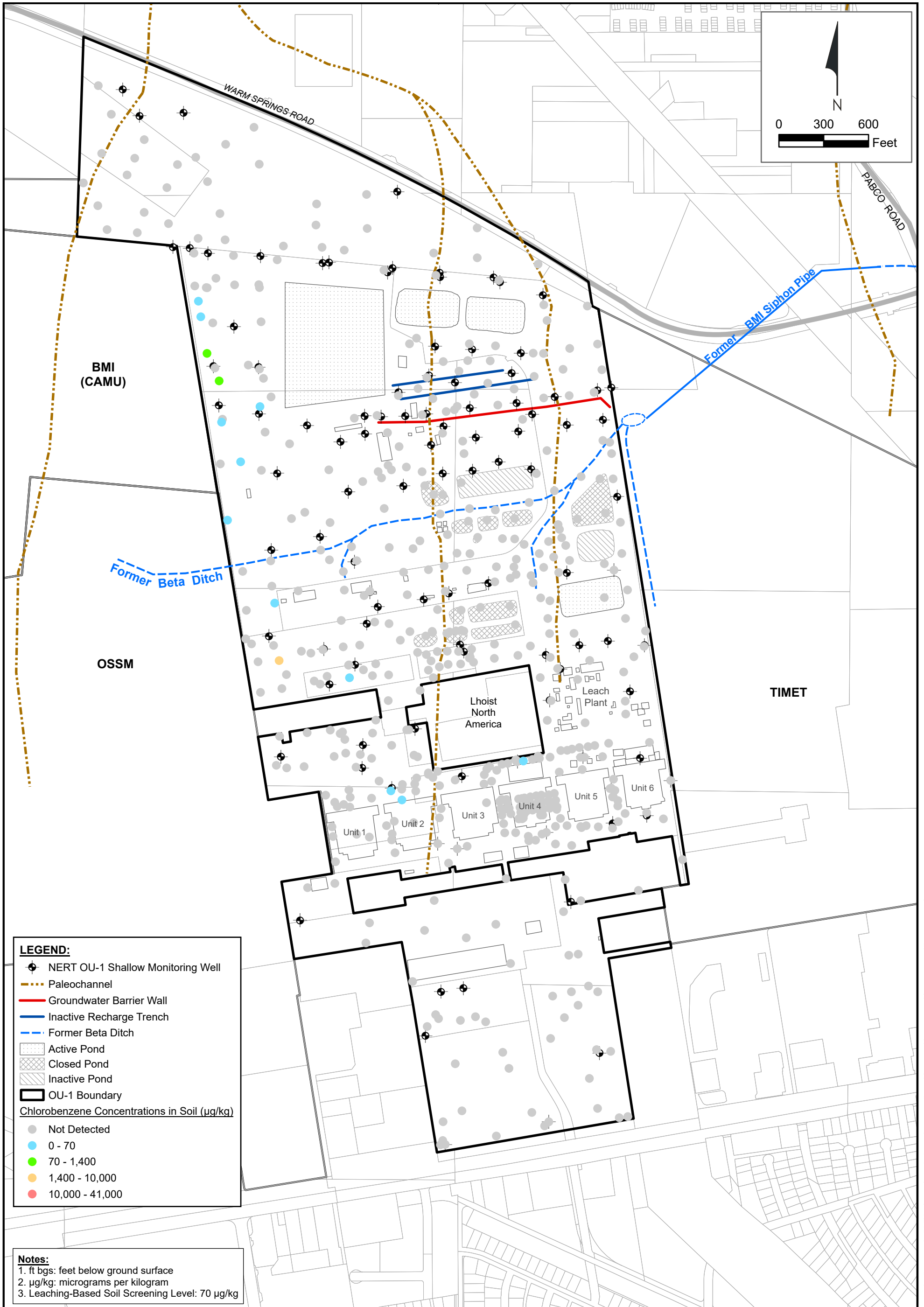
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 70 µg/kg



Chlorobenzene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-28b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-28b Chlorobenzene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Chlorobenzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 70
- 70 - 1,400
- 1,400 - 10,000
- 10,000 - 41,000

Notes:

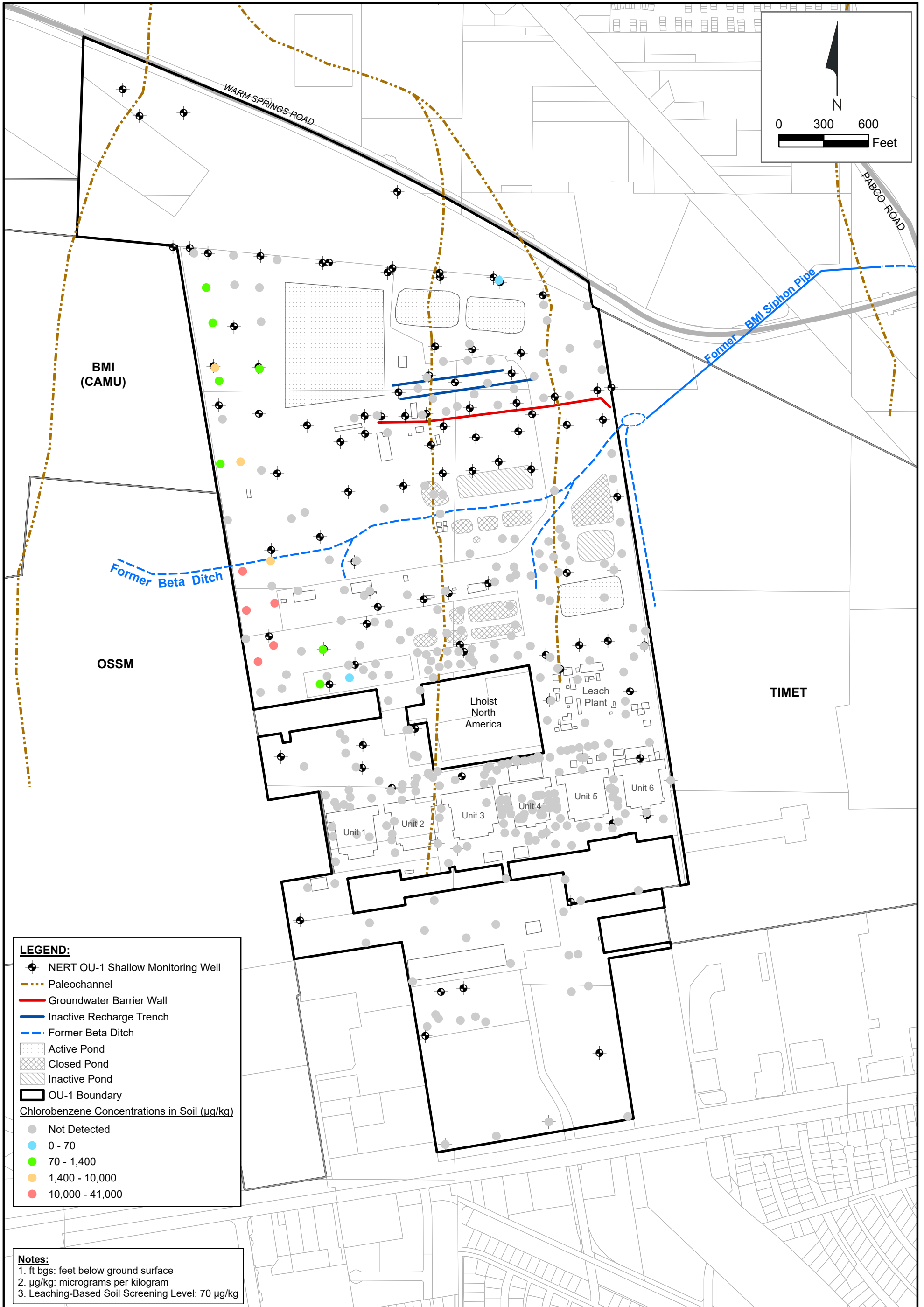
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 70 µg/kg



Chlorobenzene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-28c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-28c Chlorobenzene 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Chlorobenzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 70
- 70 - 1,400
- 1,400 - 10,000
- 10,000 - 41,000

Notes:

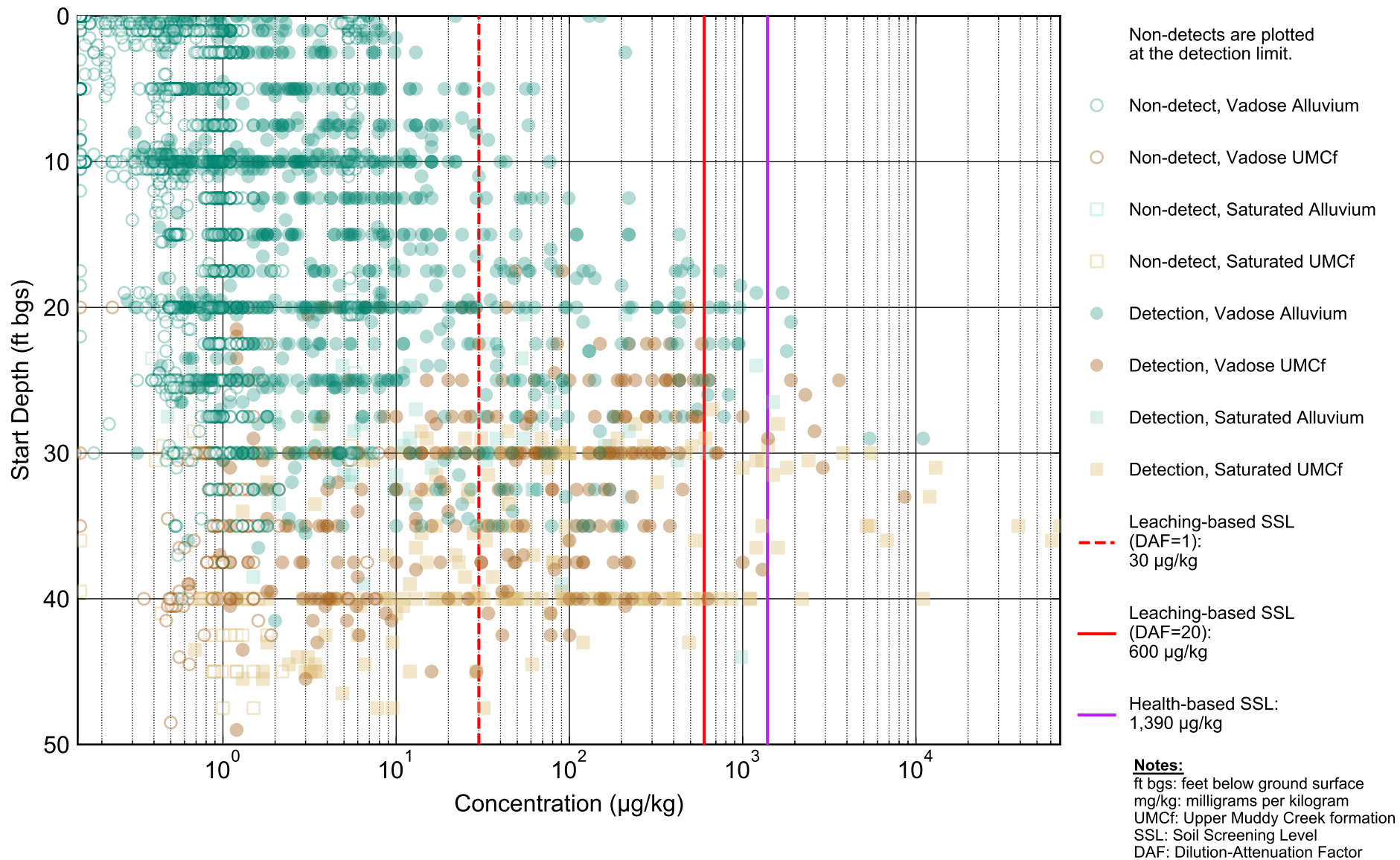
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 70 µg/kg



Chlorobenzene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-28d

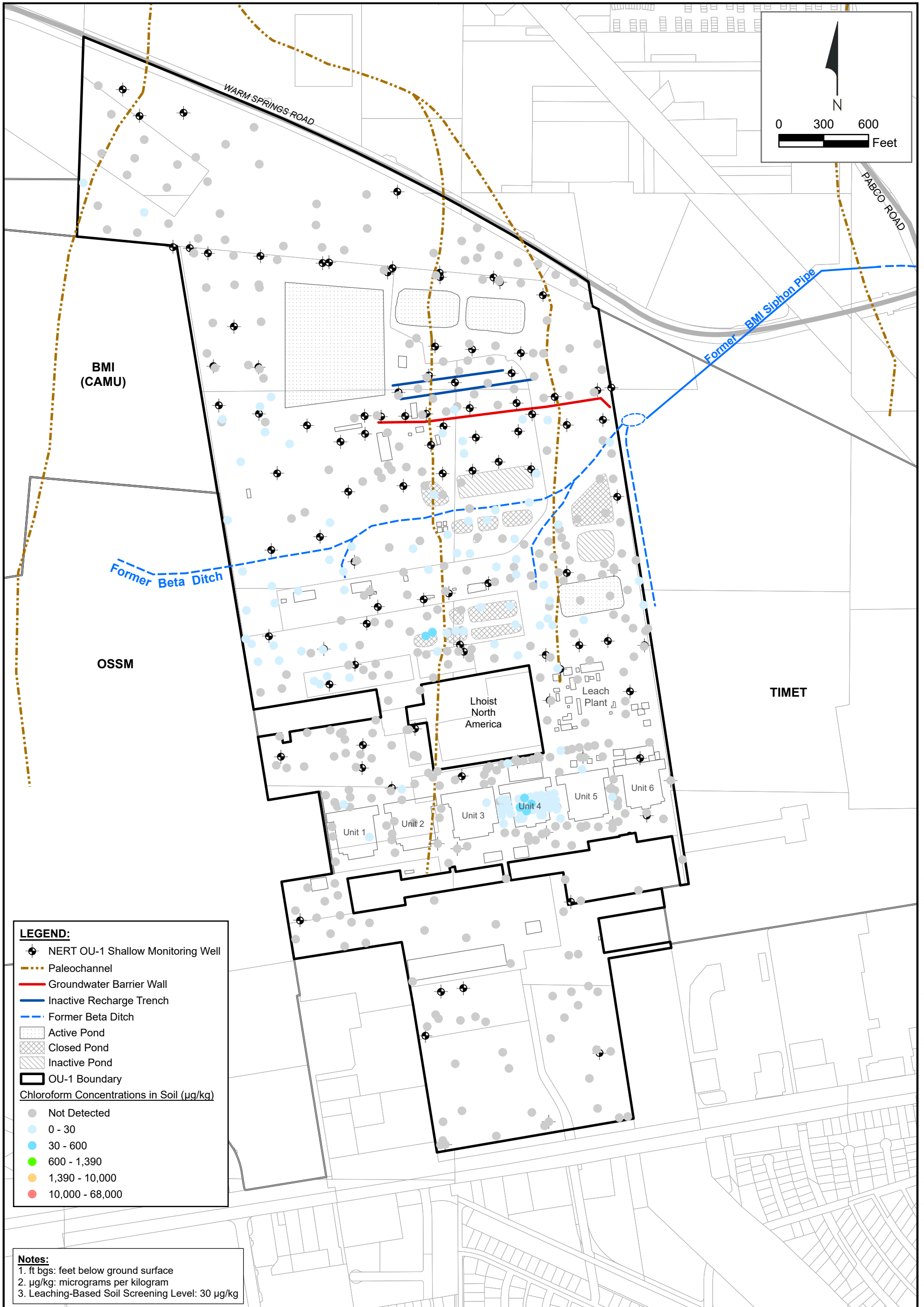
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_3.aprx\Figure 7-28d Chlorobenzene 30 - 50



OU-1 Chloroform Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-29a



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Chloroform Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 30
- 30 - 600
- 600 - 1,390
- 1,390 - 10,000
- 10,000 - 68,000

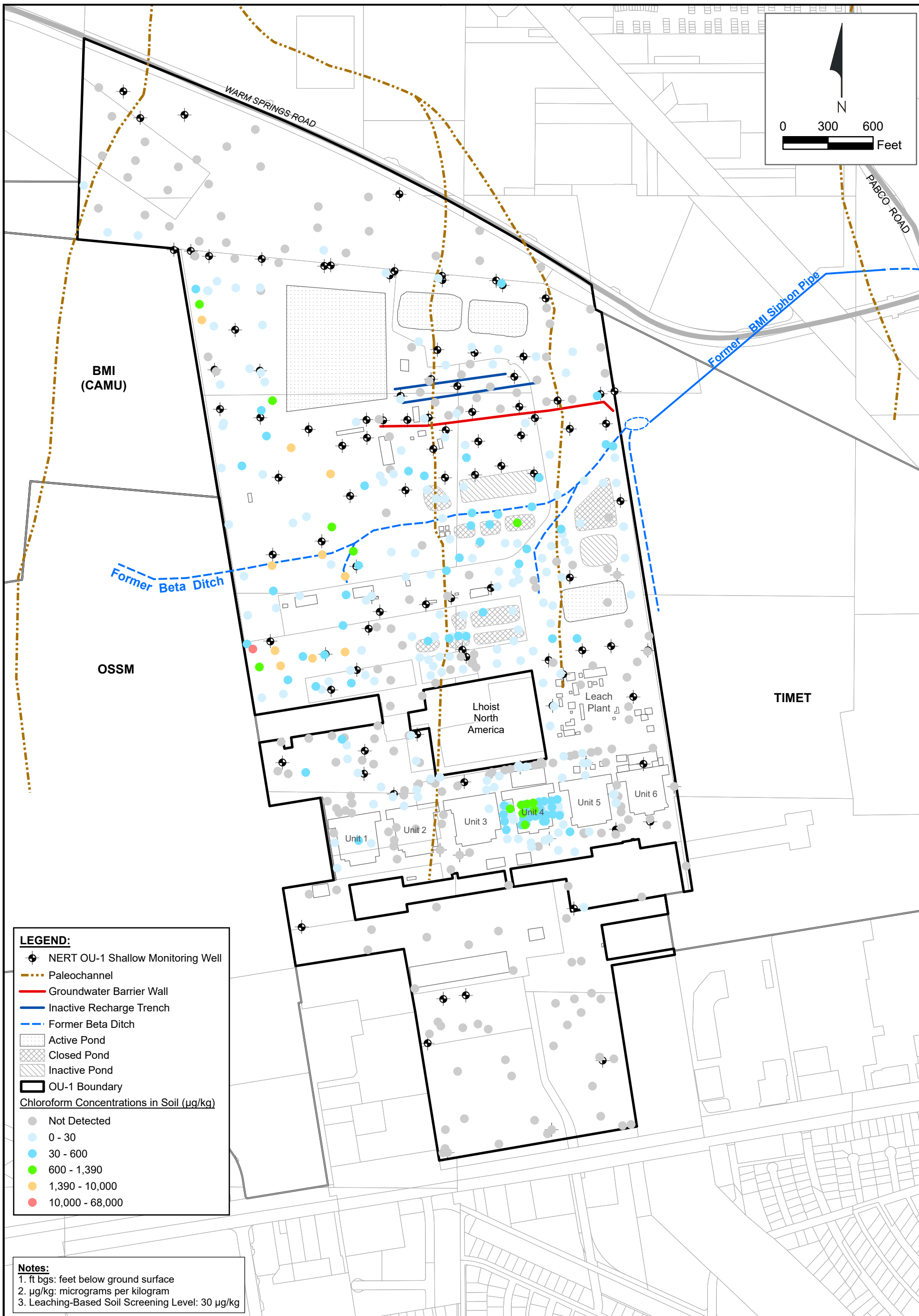
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 30 µg/kg



Chloroform in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-29b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-29b Chloroform 0 - 10

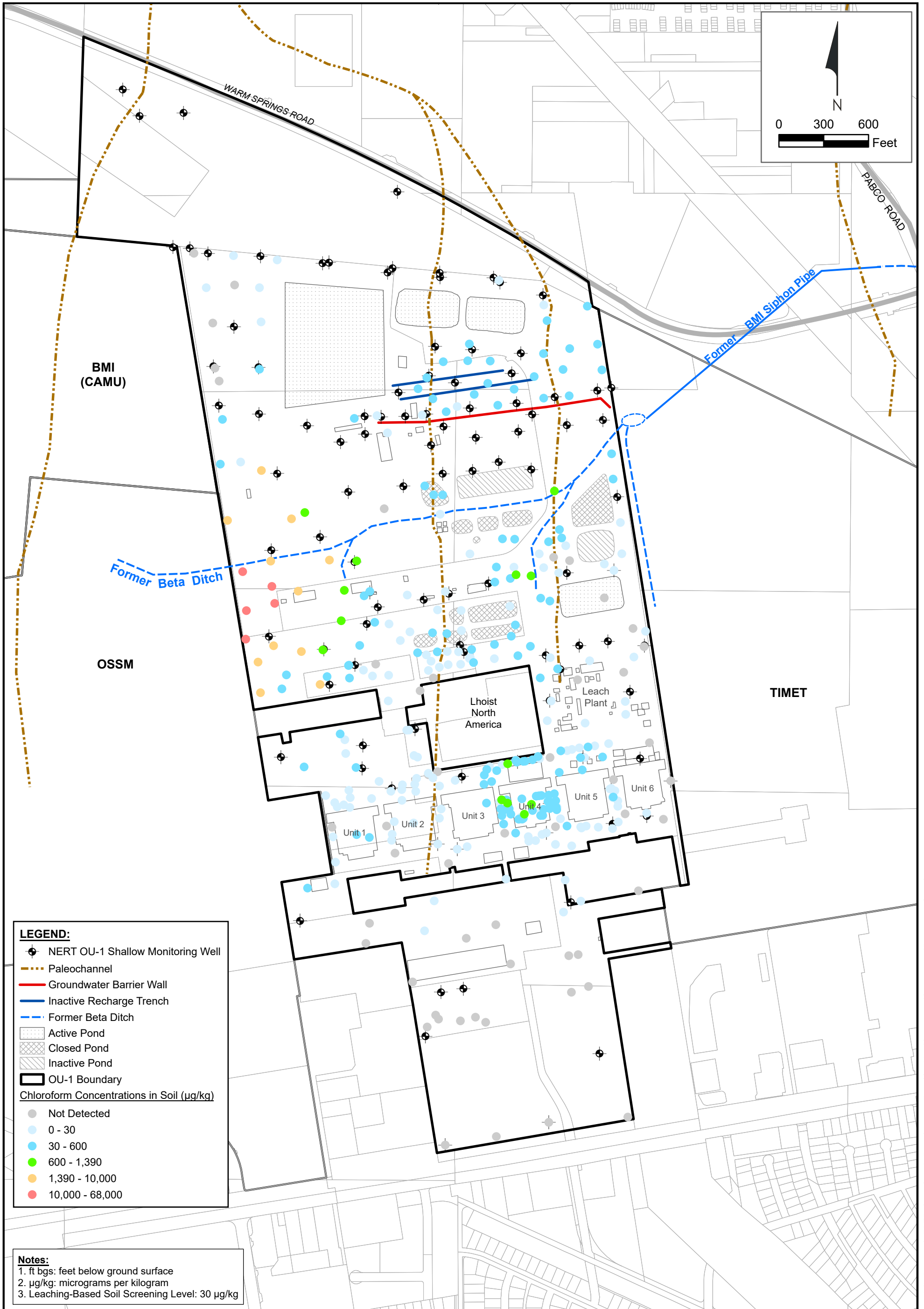


Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-29c Chloroform 10 - 30



Chloroform in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-29c



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Chloroform Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 30
- 30 - 600
- 600 - 1,390
- 1,390 - 10,000
- 10,000 - 68,000

Notes:

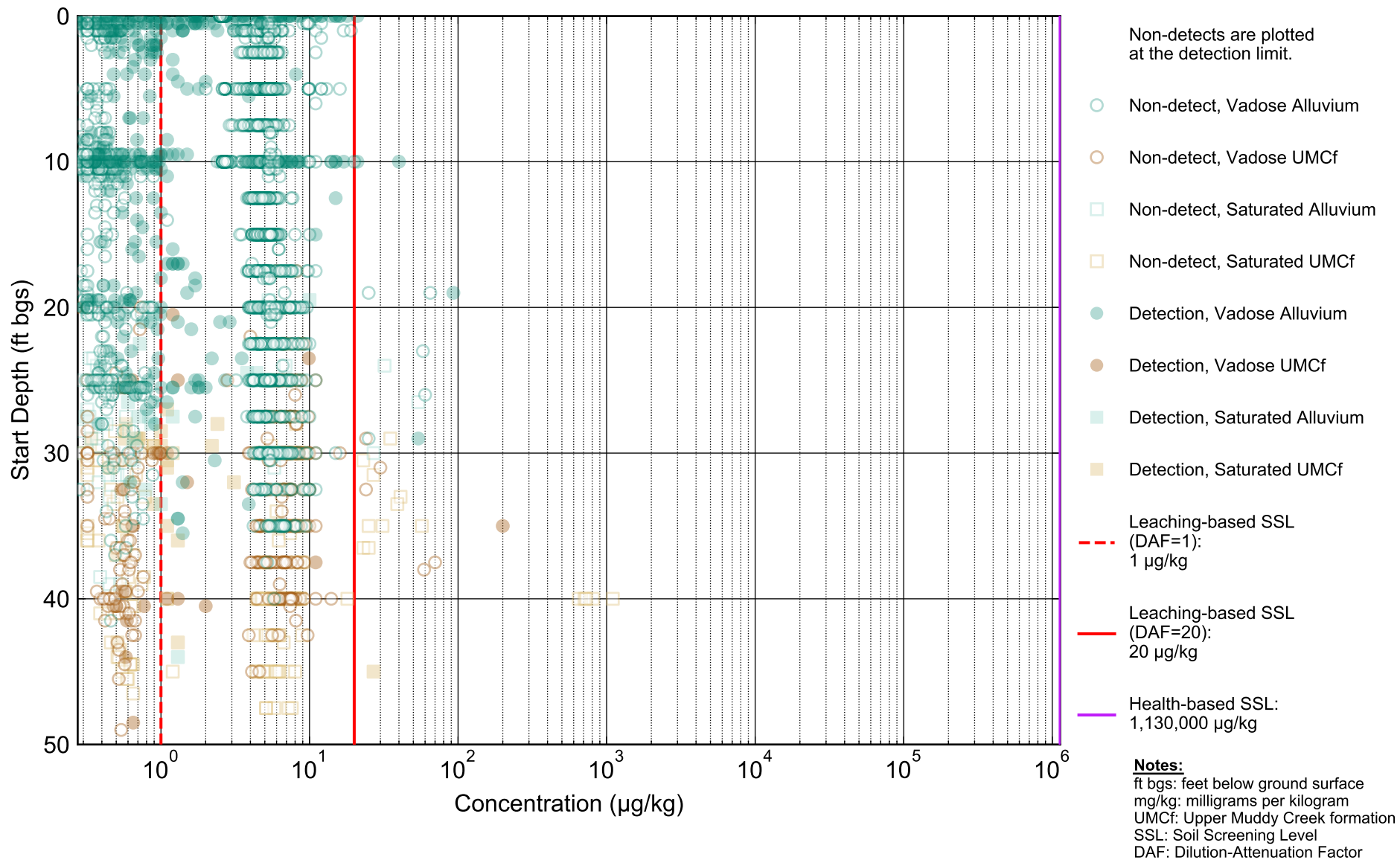
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 30 µg/kg



Chloroform in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-29d

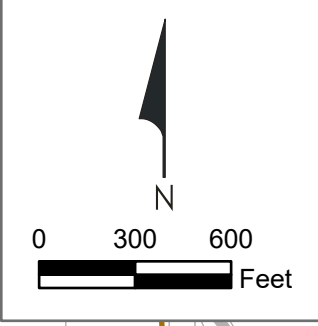
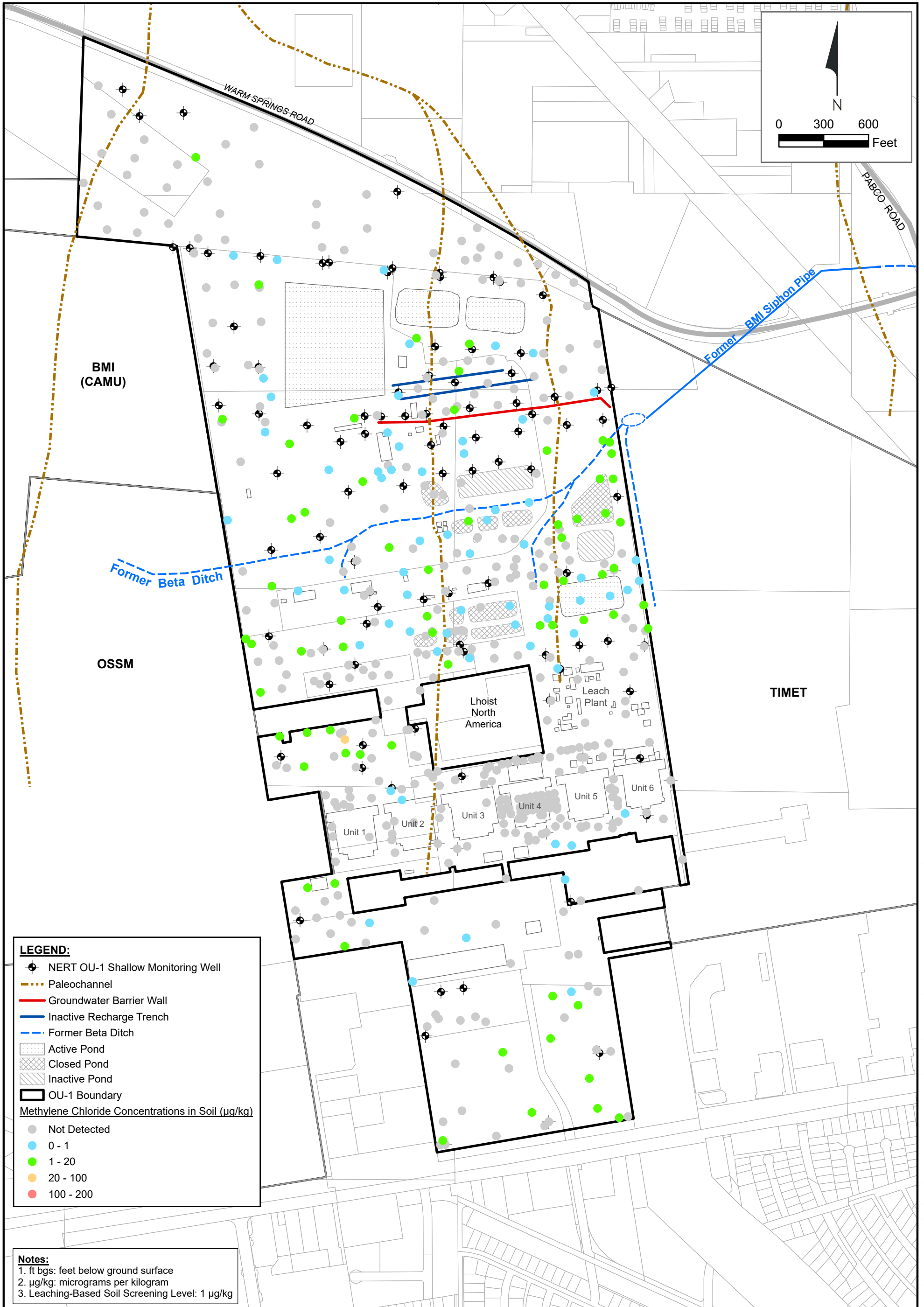
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-29d Chloroform 30 - 50



OU-1 Methylene Chloride Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

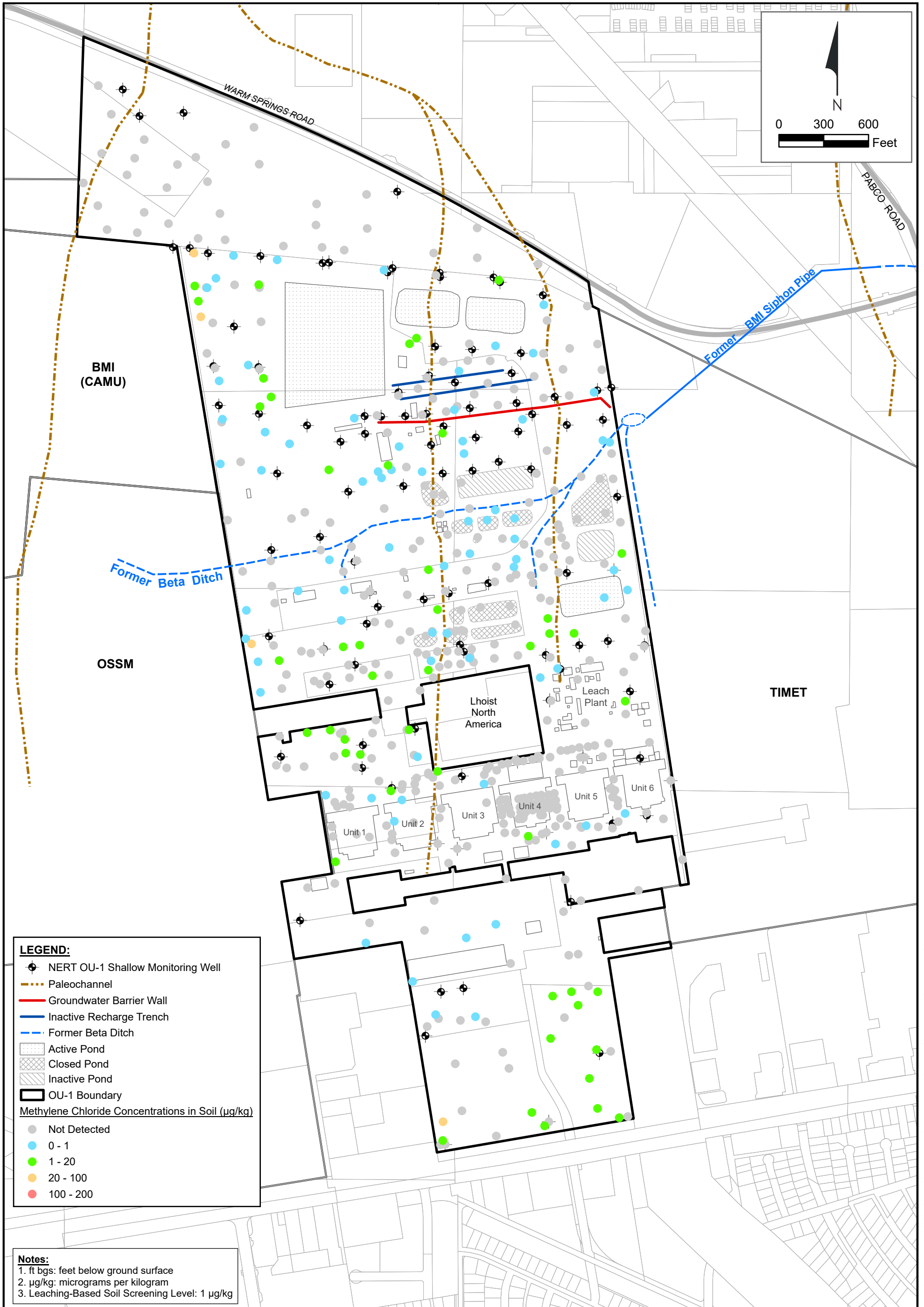
7-30a



Methylene Chloride in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-30b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-30b Methylene Chloride 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Methylene Chloride Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 1
- 1 - 20
- 20 - 100
- 100 - 200

Notes:

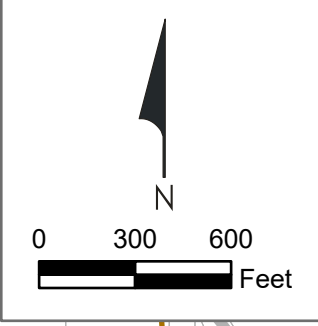
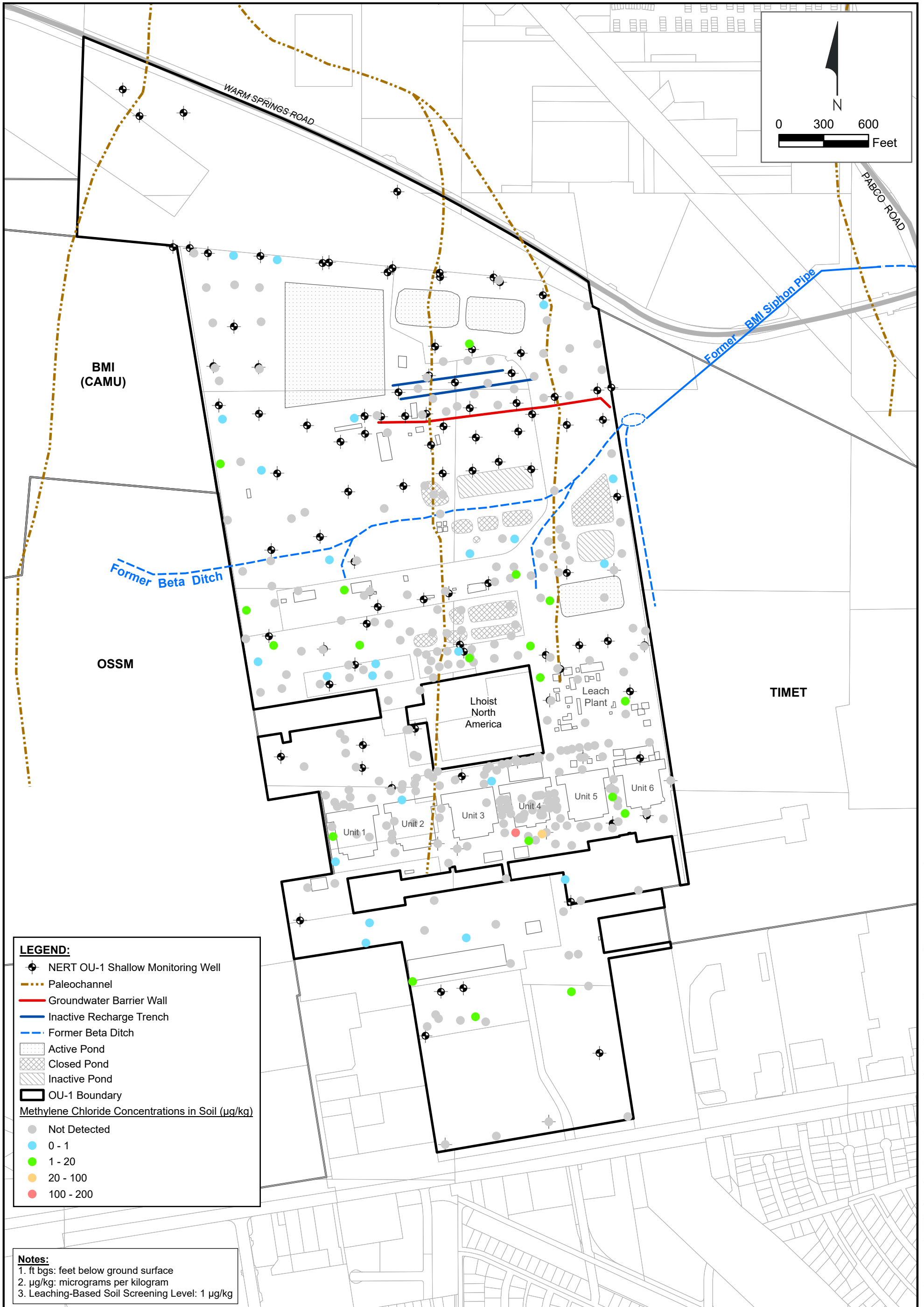
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 1 µg/kg



Methylene Chloride in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-30c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-30c Methylene Chloride 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Methylene Chloride Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 1
- 1 - 20
- 20 - 100
- 100 - 200

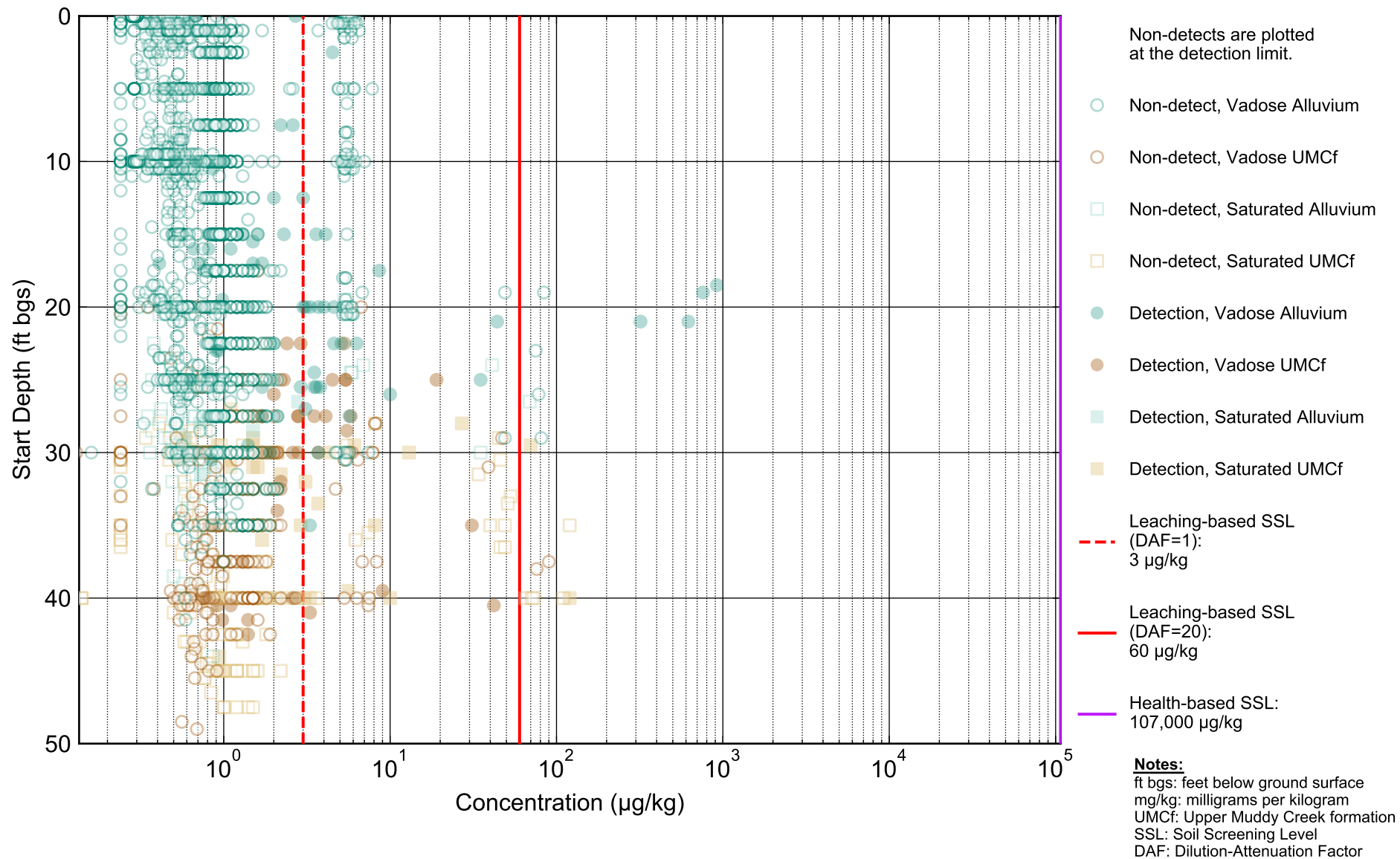
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 1 µg/kg



Methylene Chloride in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-30d

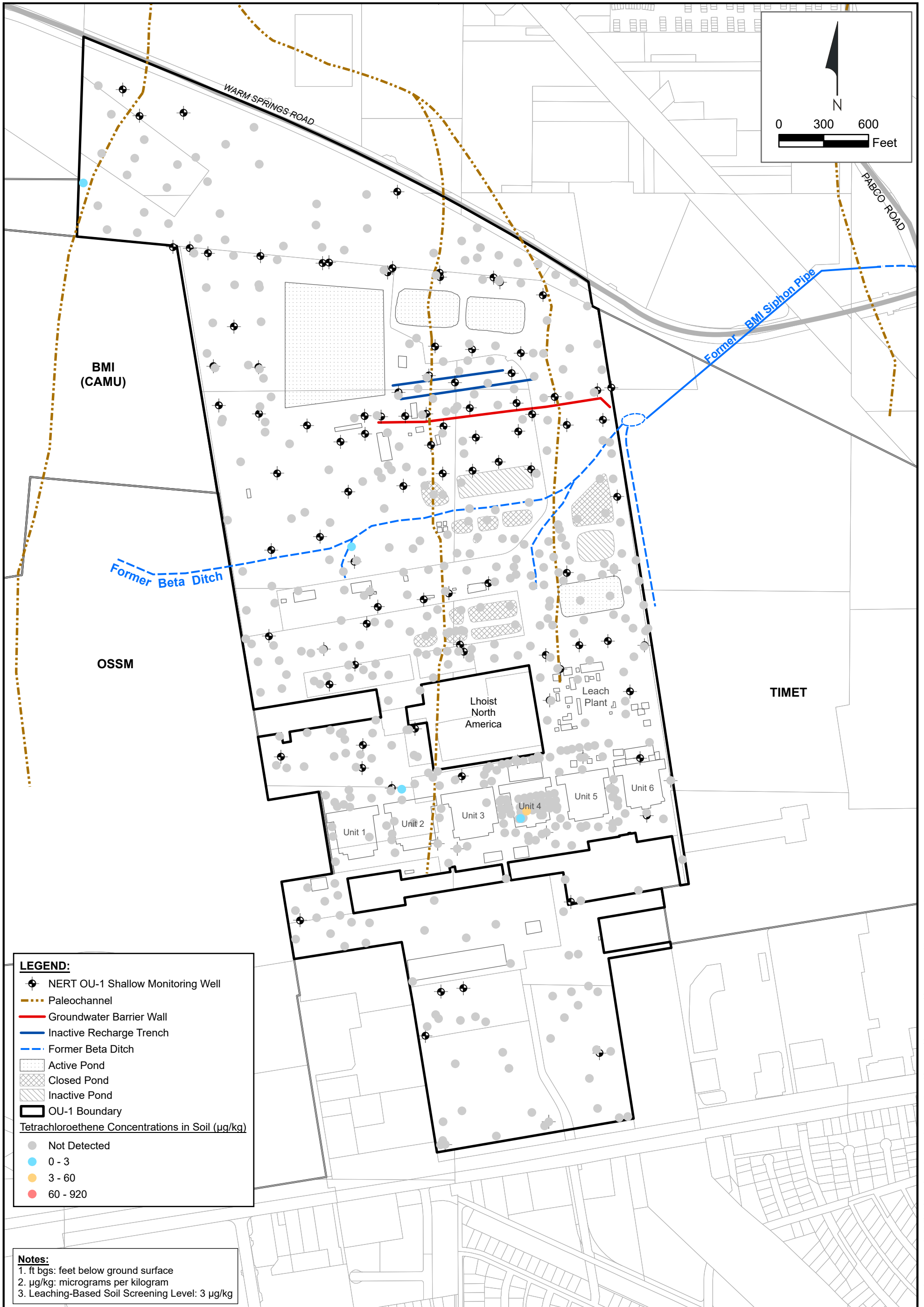
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OU-1 Tetrachloroethene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-31a



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Tetrachloroethene Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 920

Notes:

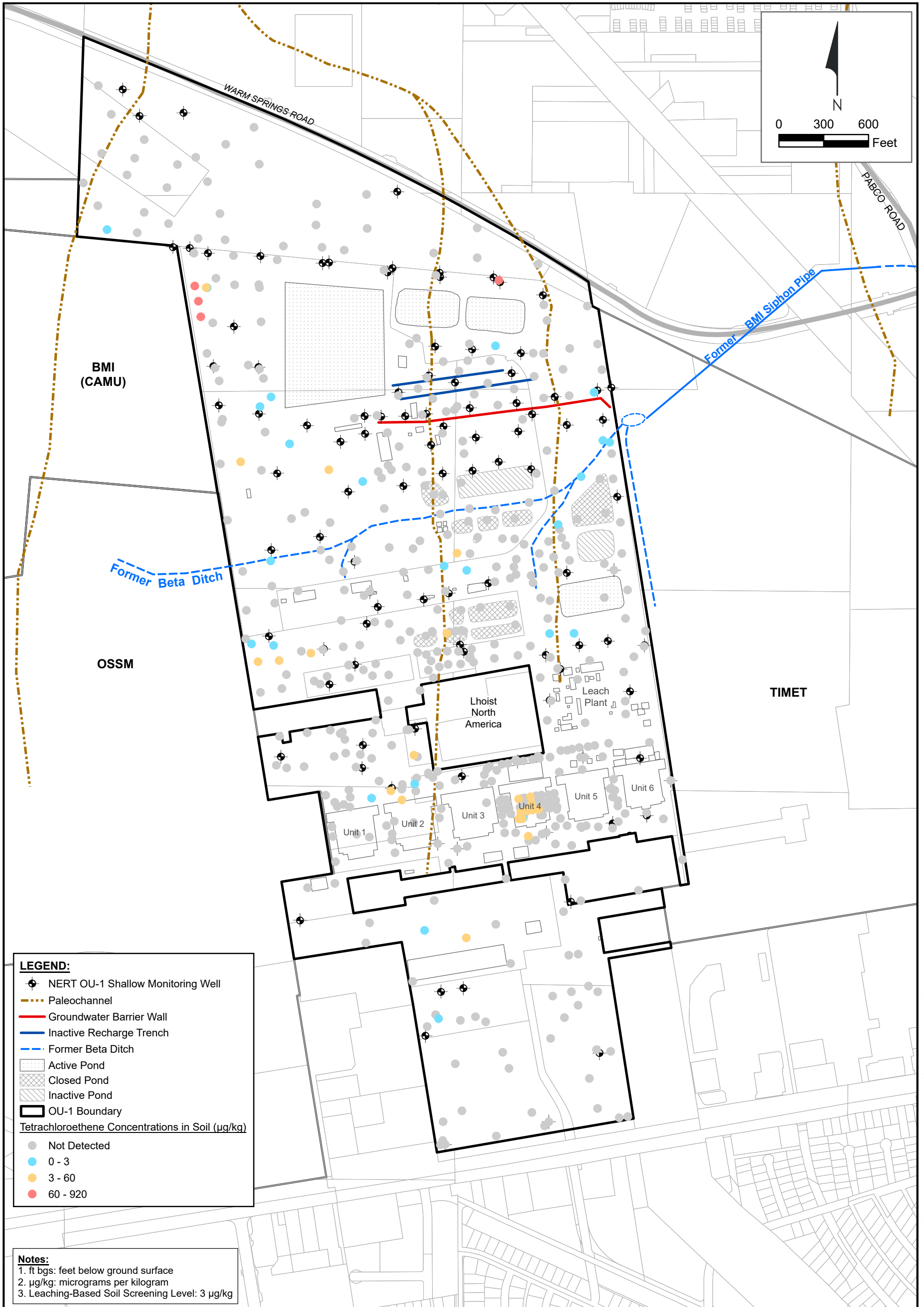
1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 $\mu\text{g}/\text{kg}$



Tetrachloroethene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-31b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-31b Tetrachloroethene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Tetrachloroethene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 920

Notes:

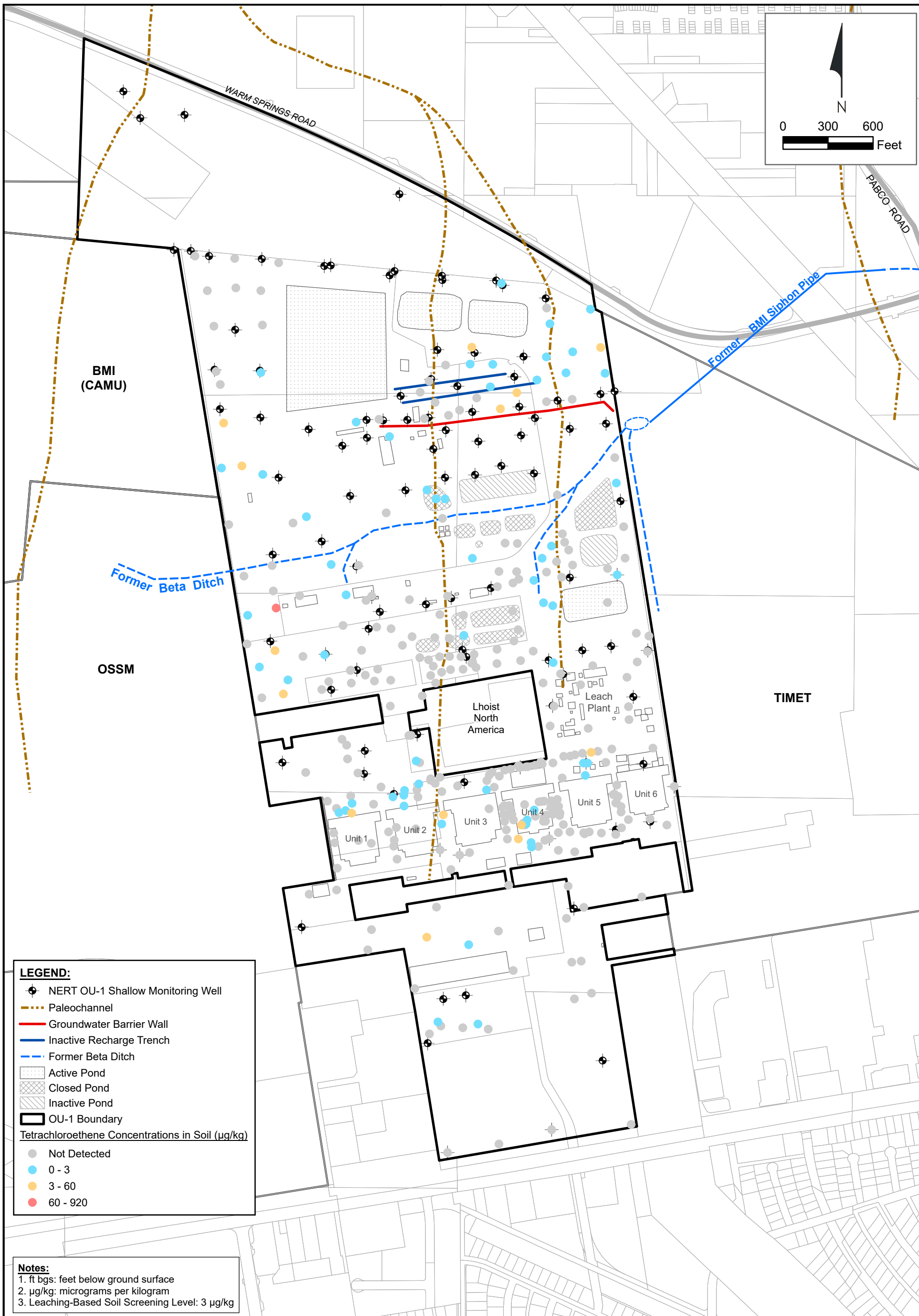
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 µg/kg



Tetrachloroethene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-31c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-31c Tetrachloroethene 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Tetrachloroethene Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 920

Notes:

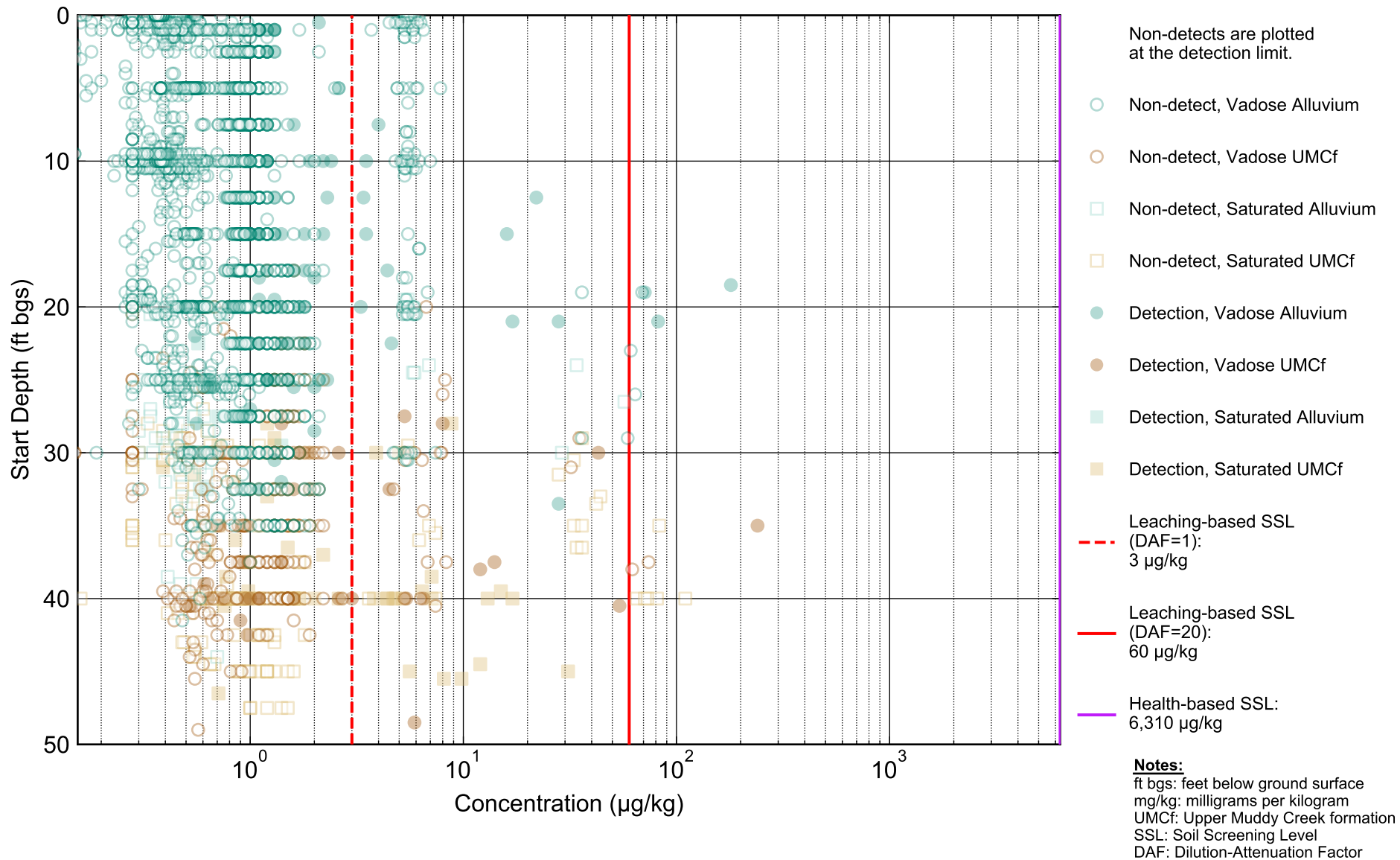
1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 $\mu\text{g}/\text{kg}$



Tetrachloroethene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-31d

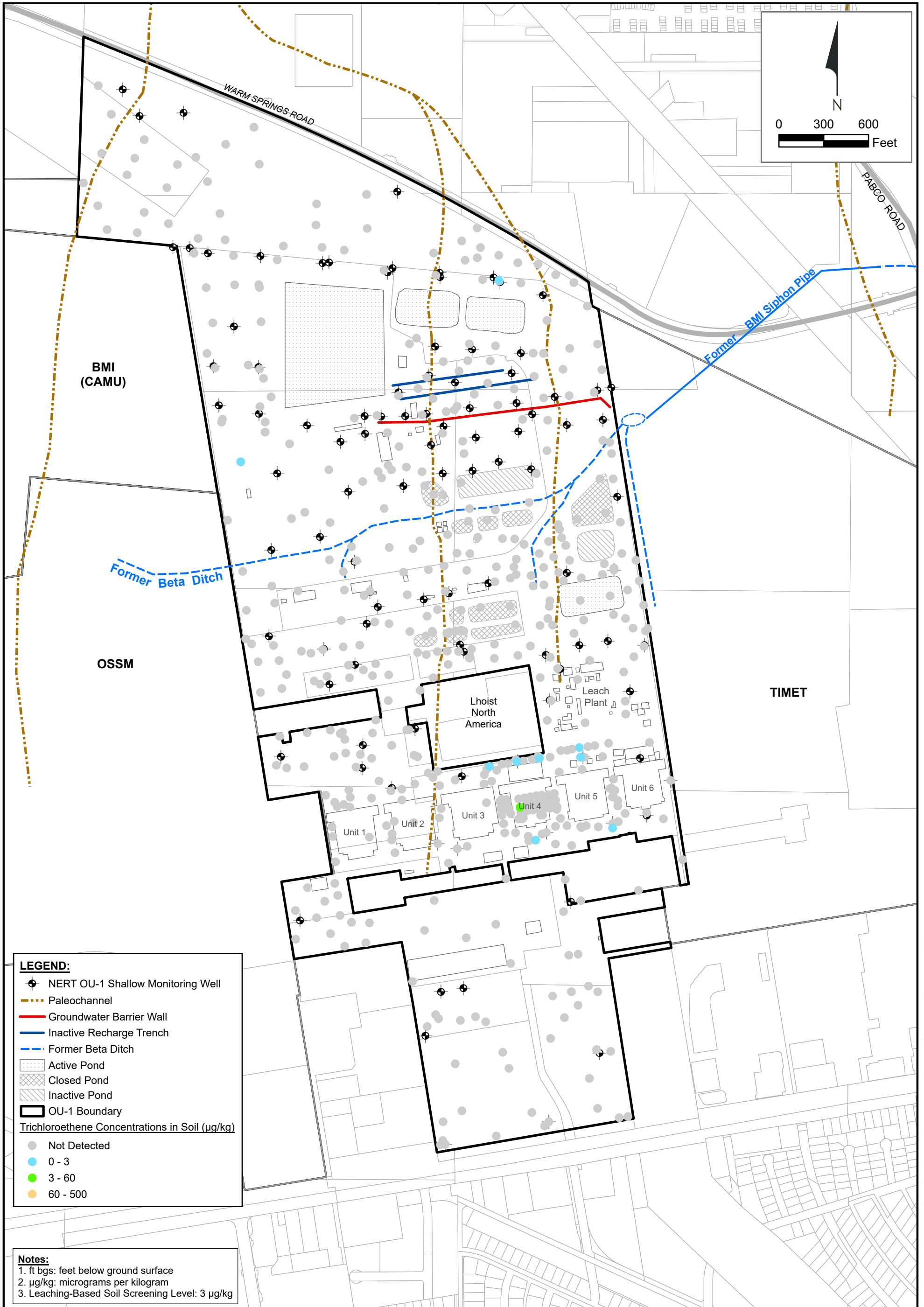
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4_aprx\Figure 7-31d Tetrachloroethene 30 - 50



OU-1 Trichloroethene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-32a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Trichloroethene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 500

Notes:

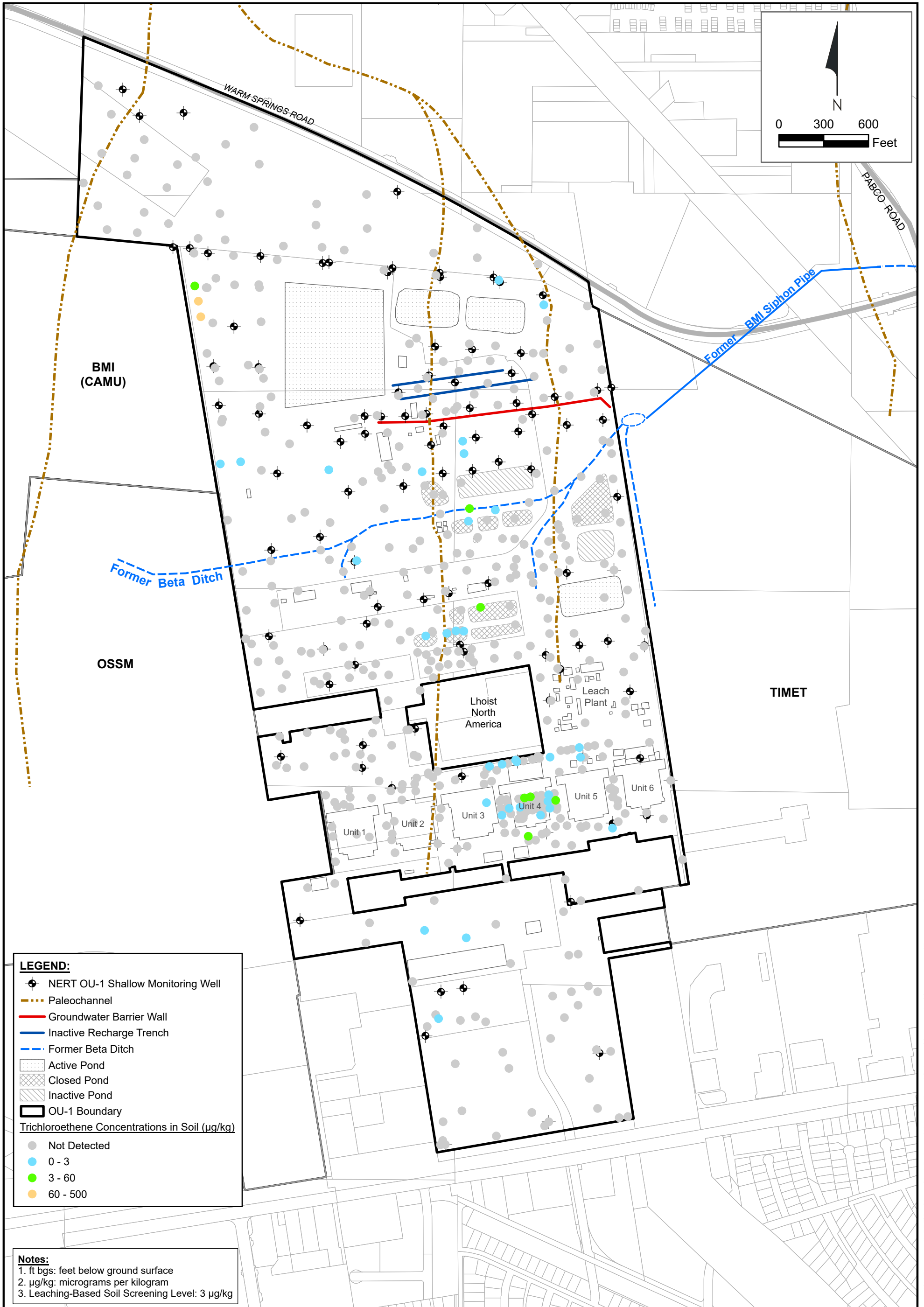
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 µg/kg



Trichloroethene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-32b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-32b Trichloroethene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Trichloroethene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 3
- 3 - 60
- 60 - 500

Notes:

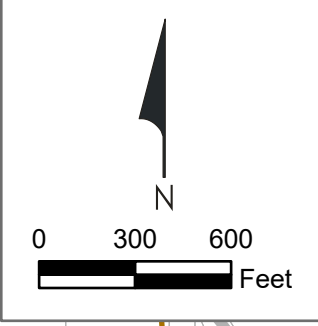
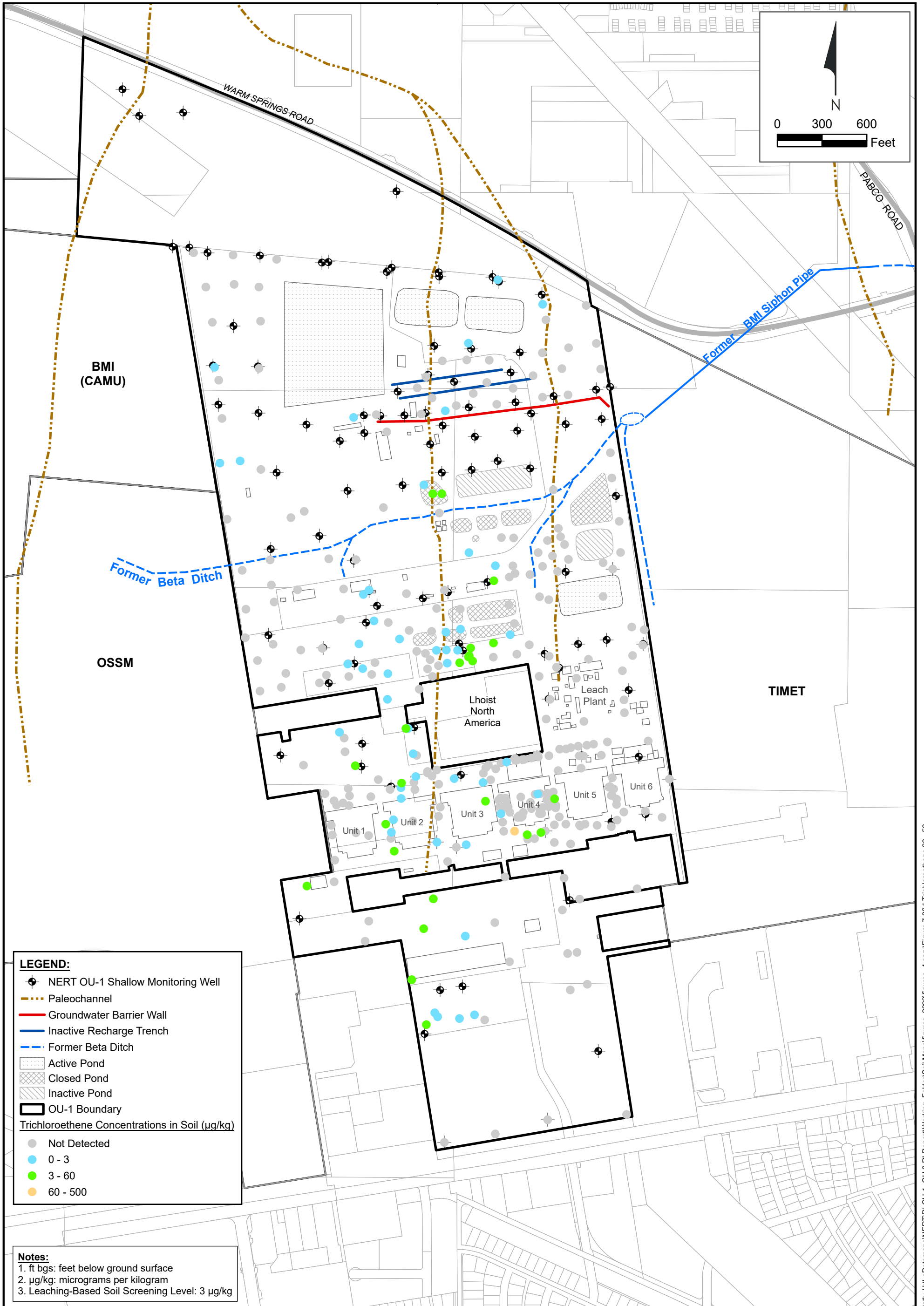
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 3 µg/kg



Trichloroethene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-32c

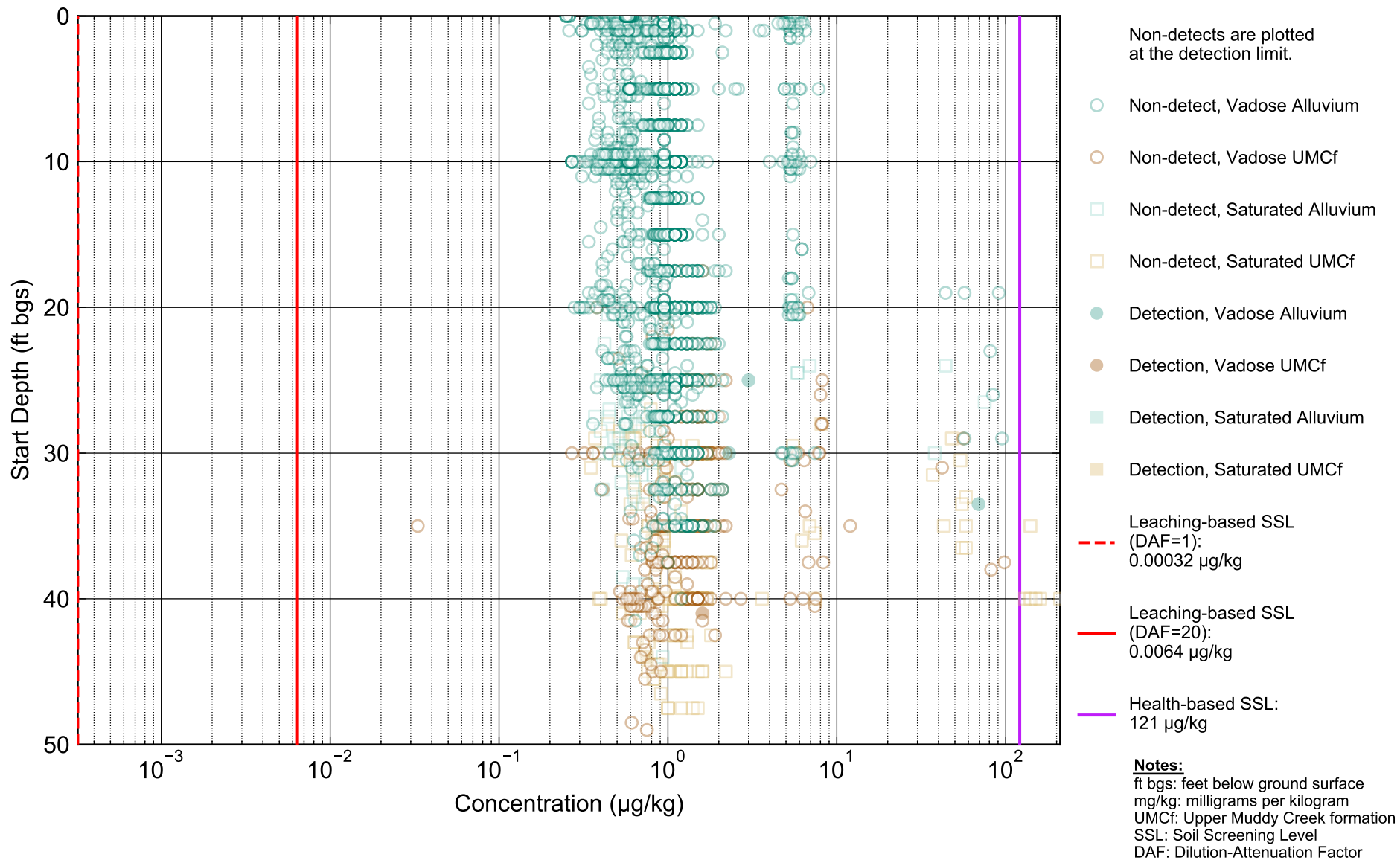
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-32c Trichloroethene 10 - 30



Trichloroethene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-32d

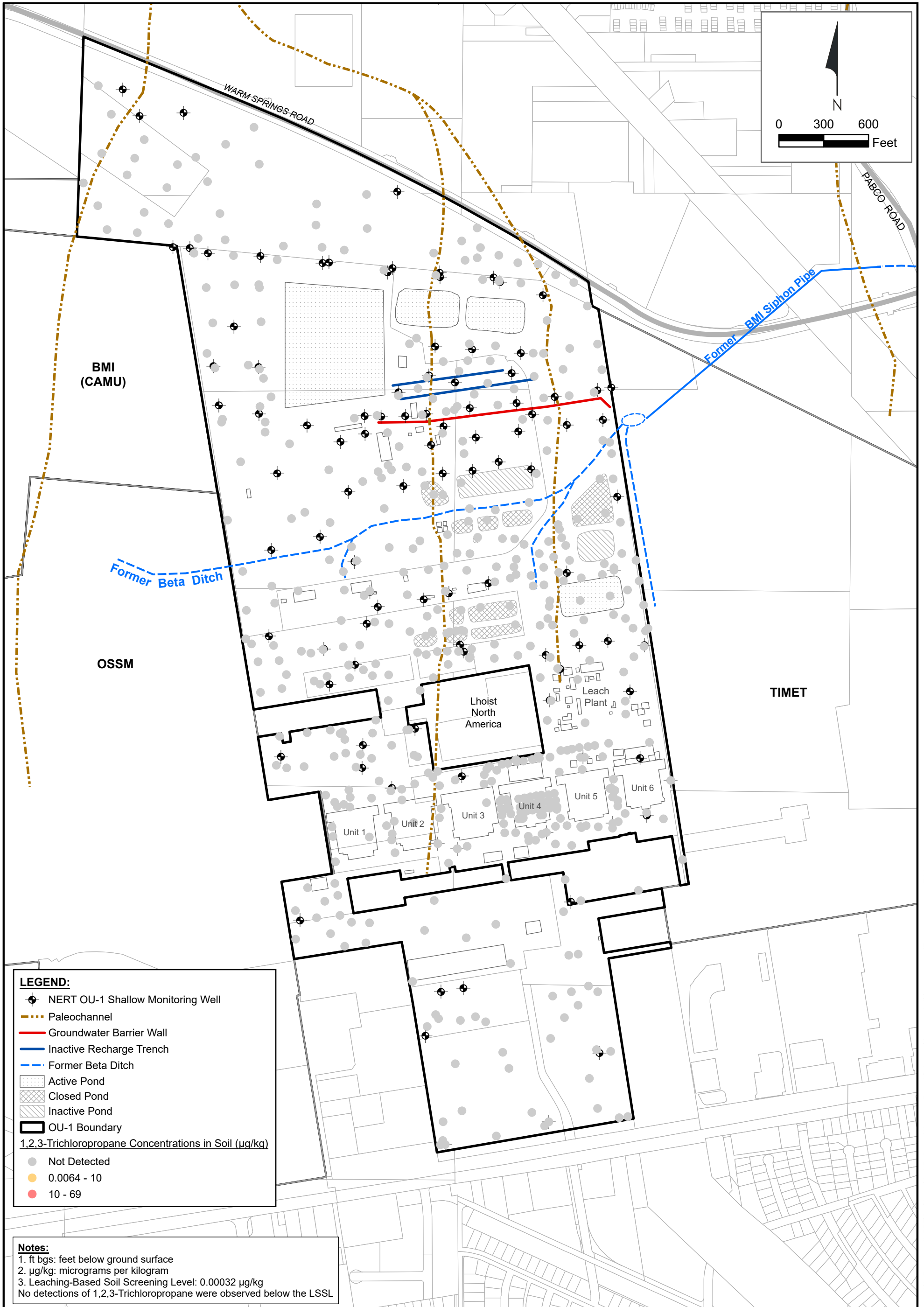
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-32d Trichloroethene 30 - 50



OU-1 1,2,3-Trichloropropane Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-33a



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

1,2,3-Trichloropropane Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0.0064 - 10
- 10 - 69

Notes:

1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.00032 $\mu\text{g}/\text{kg}$

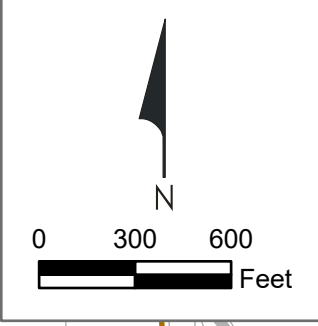
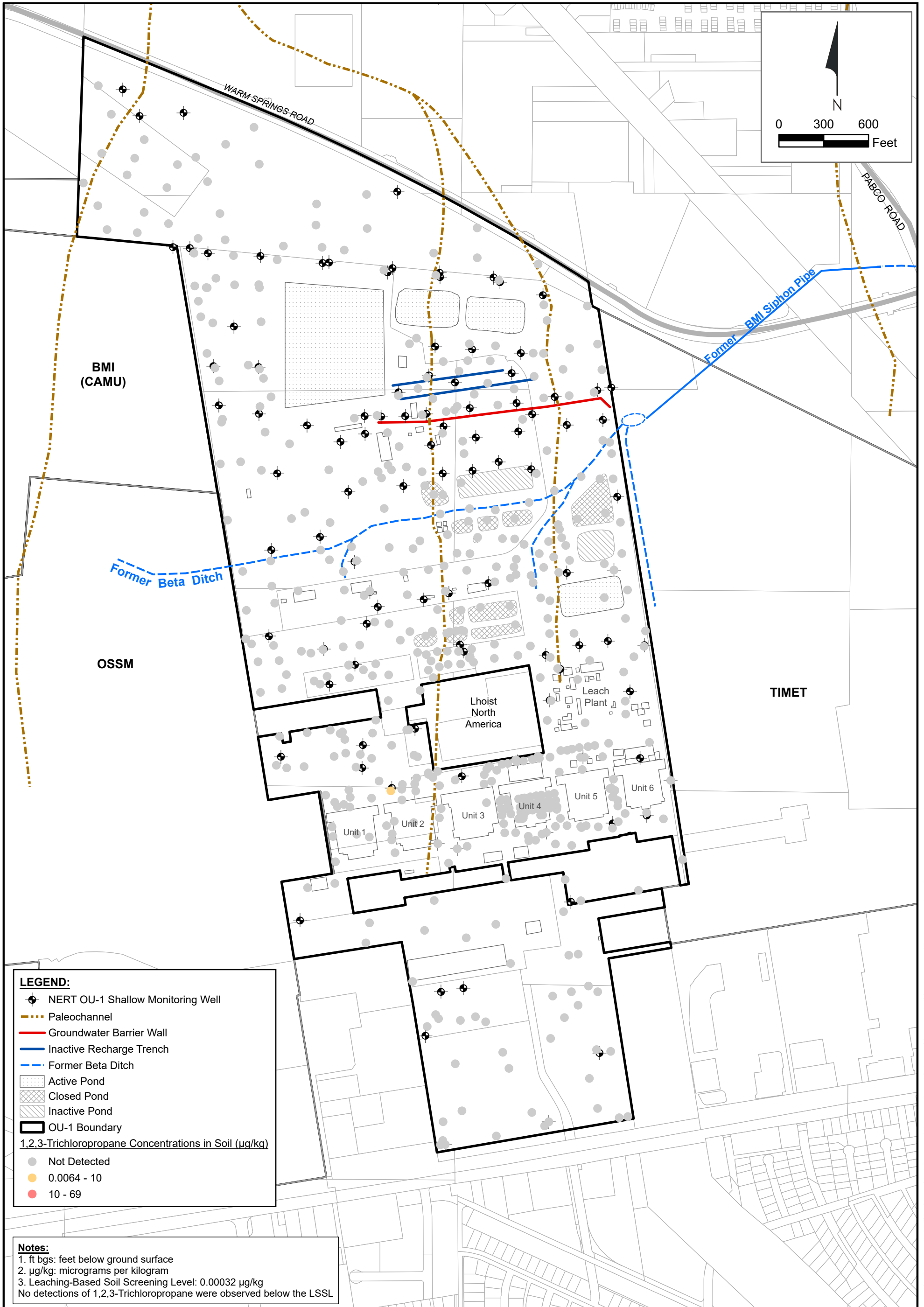
No detections of 1,2,3-Trichloropropane were observed below the LSSL



1,2,3-Trichloropropane in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-33b

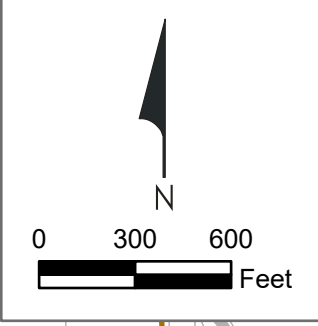
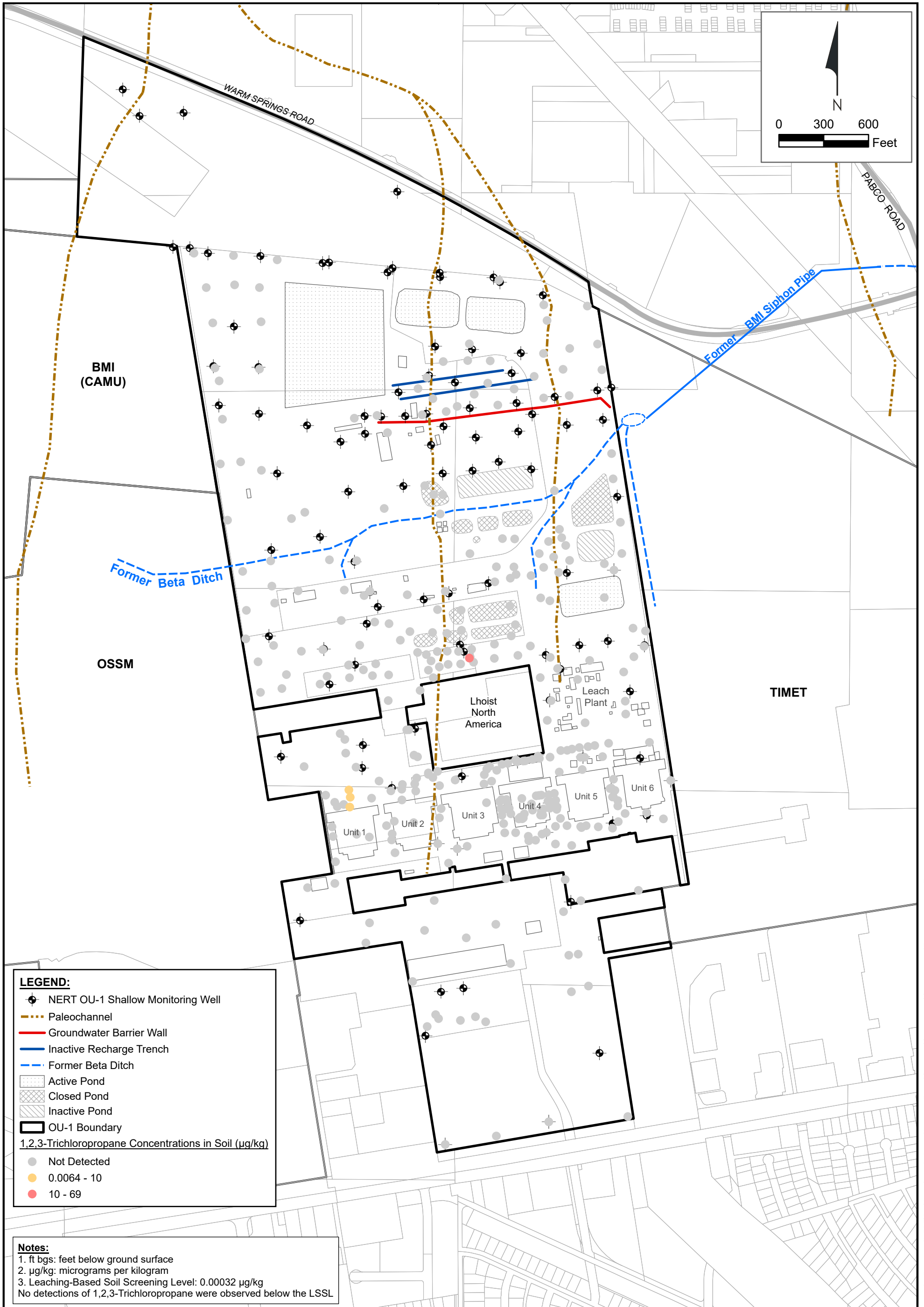
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-33b 1,2,3-Trichloropropane 0 - 10



1,2,3-Trichloropropane in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-33c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4_aprx\Figure 7-33c 1,2,3-Trichloropropane 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

1,2,3-Trichloropropane Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0.0064 - 10
- 10 - 69

Notes:

1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: $0.00032 \mu\text{g}/\text{kg}$

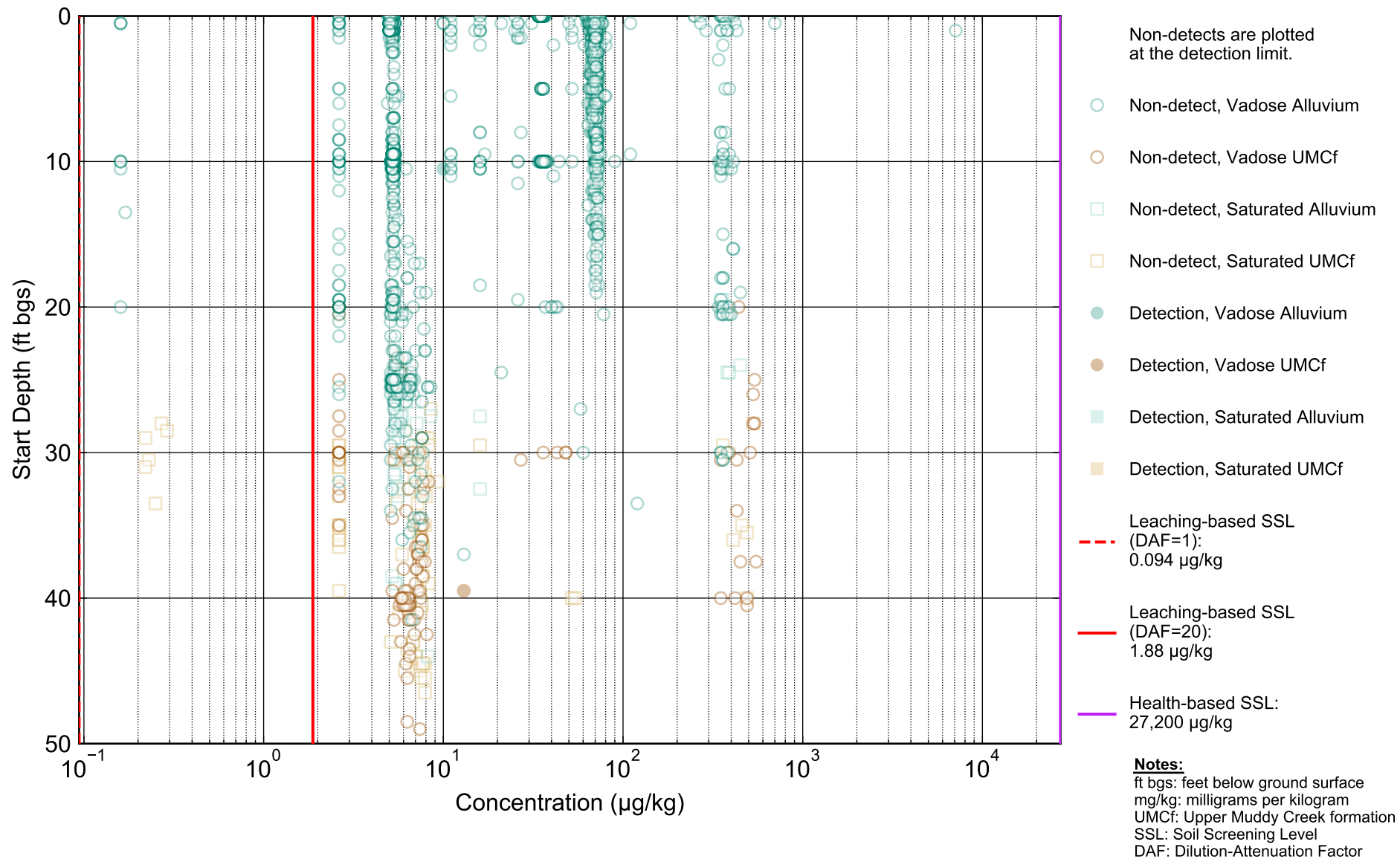
No detections of 1,2,3-Trichloropropane were observed below the LSSL



1,2,3-Trichloropropane in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-33d

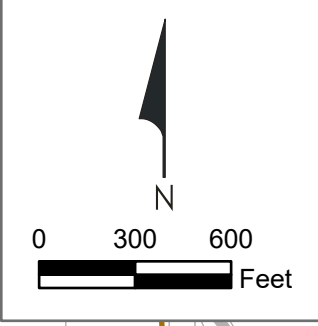
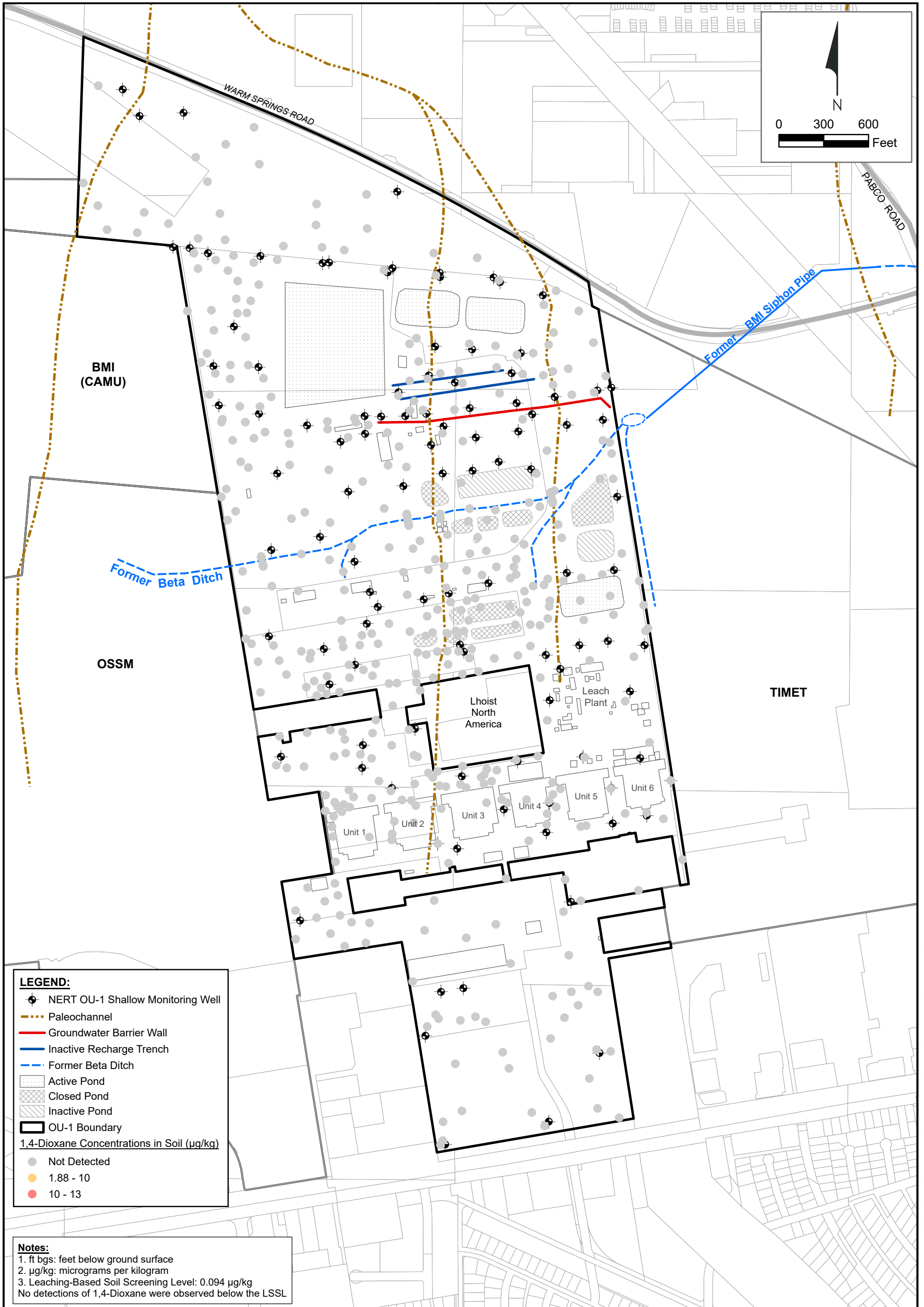
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4_aprx\Figure 7-33d 1,2,3-Trichloropropane 30 - 50



OU-1 1,4-Dioxane Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-34a



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- Active Pond
- Closed Pond
- Inactive Pond
- OU-1 Boundary

1,4-Dioxane Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 1.88 - 10
- 10 - 13

Notes:

1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: $0.094 \mu\text{g}/\text{kg}$

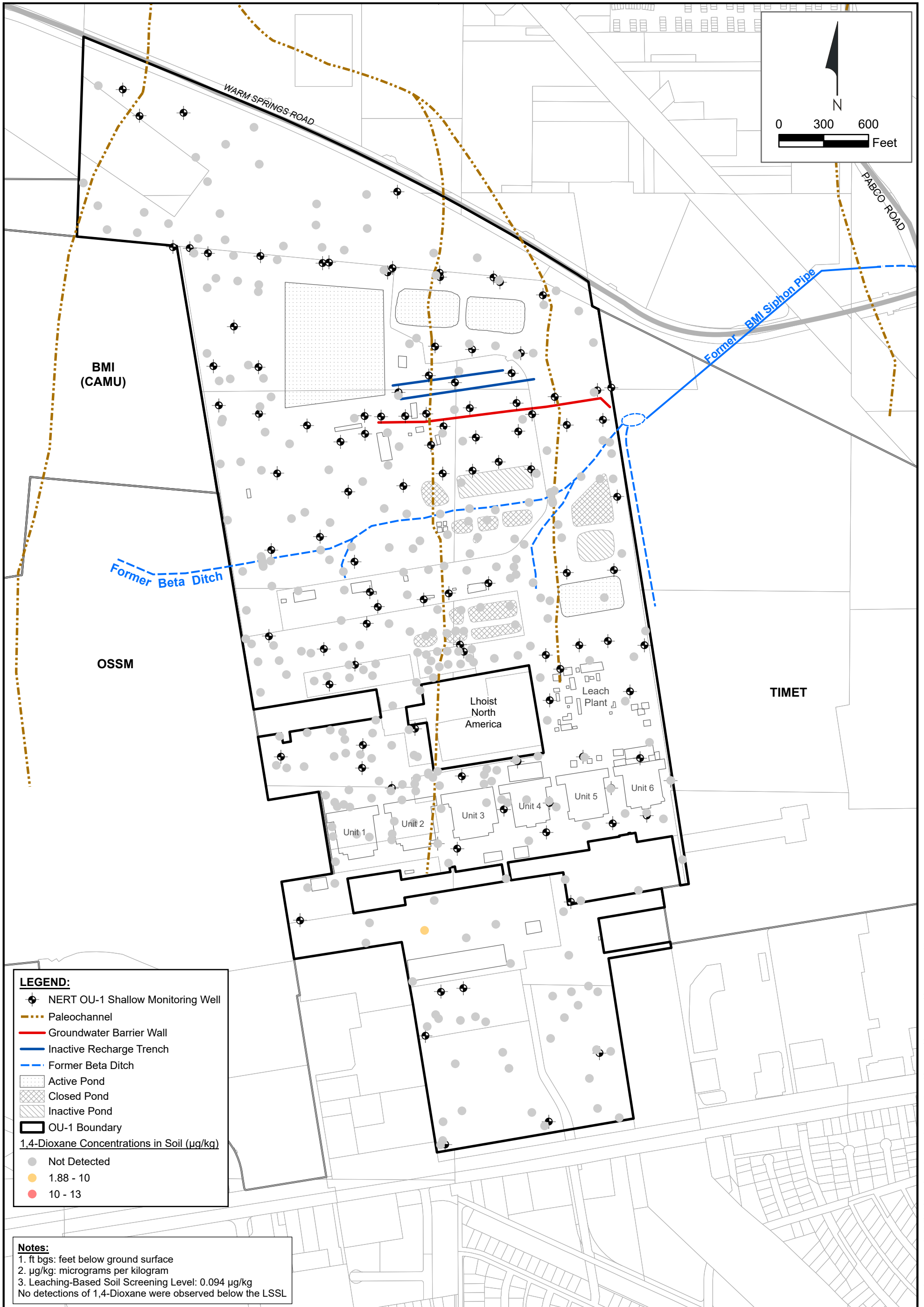
No detections of 1,4-Dioxane were observed below the LSSL



1,4-Dioxane in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-34b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-34b 1,4-Dioxane 0 - 10



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

1,4-Dioxane Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 1.88 - 10
- 10 - 13

Notes:

1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: $0.094 \mu\text{g}/\text{kg}$

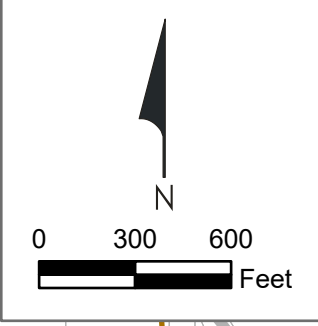
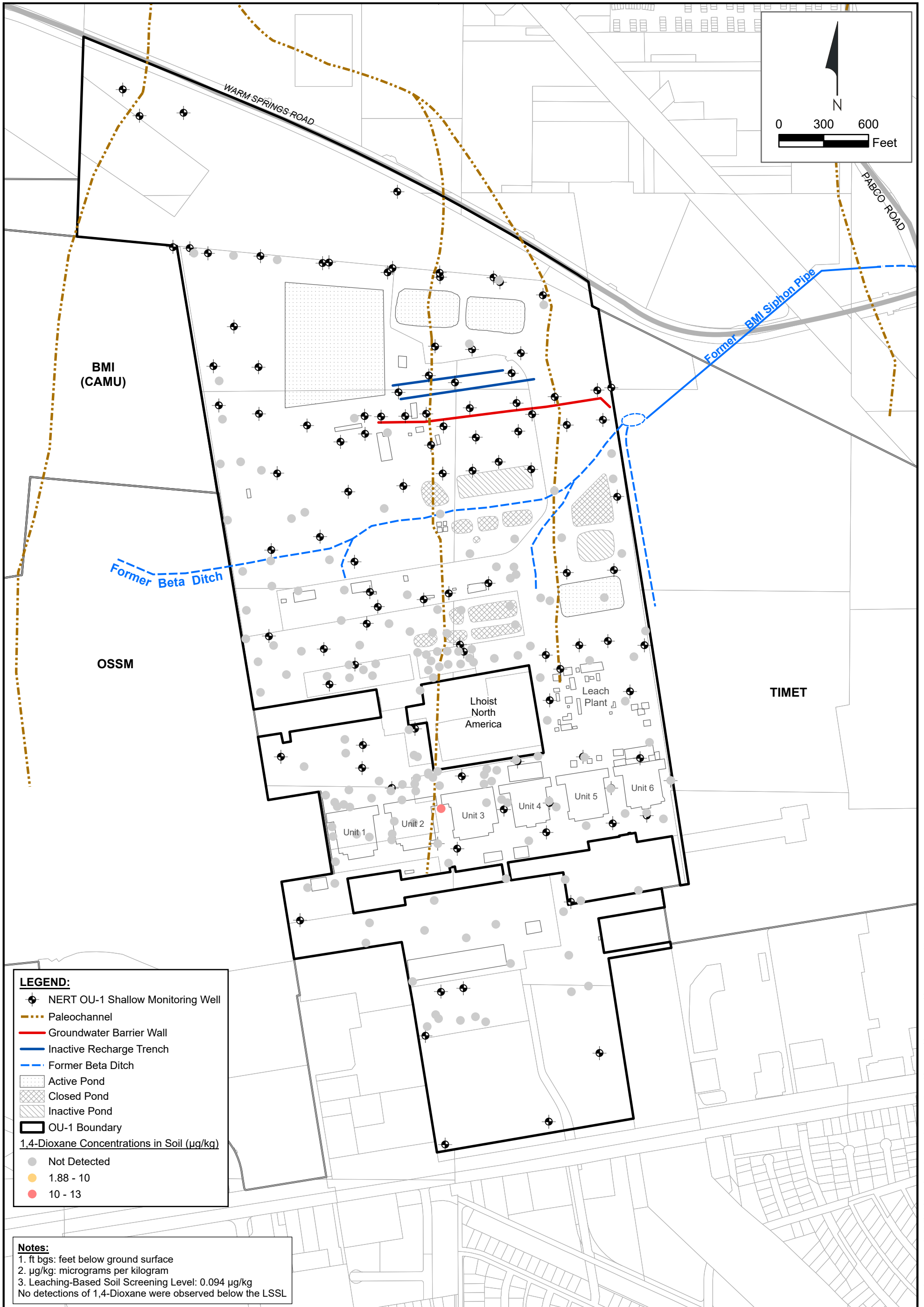
No detections of 1,4-Dioxane were observed below the LSSL



1,4-Dioxane in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-34c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-34c 1,4-Dioxane 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

1,4-Dioxane Concentrations in Soil (µg/kg)

- Not Detected
- 1.88 - 10
- 10 - 13

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.094 µg/kg

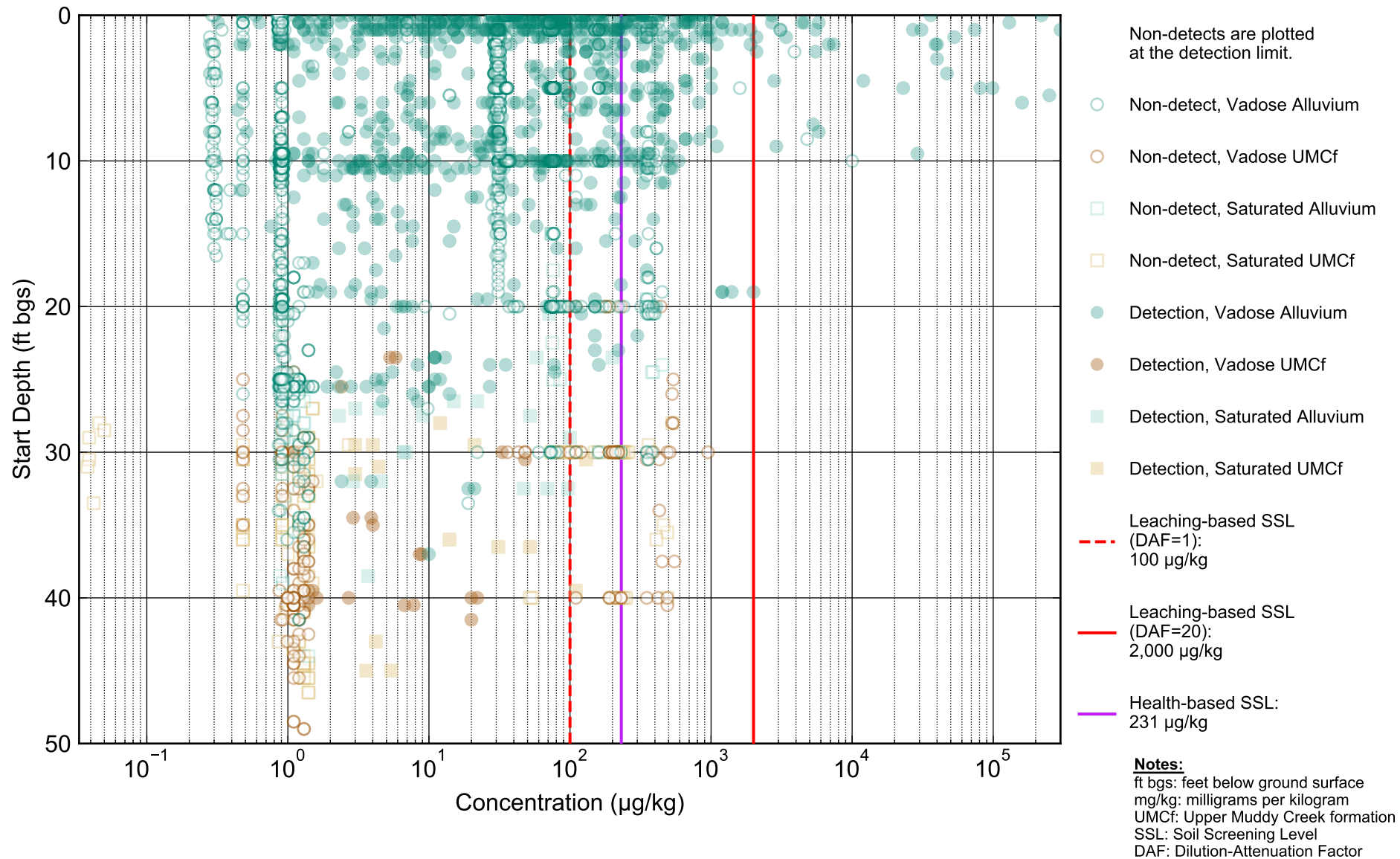
No detections of 1,4-Dioxane were observed below the LSSL



1,4-Dioxane in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-34d

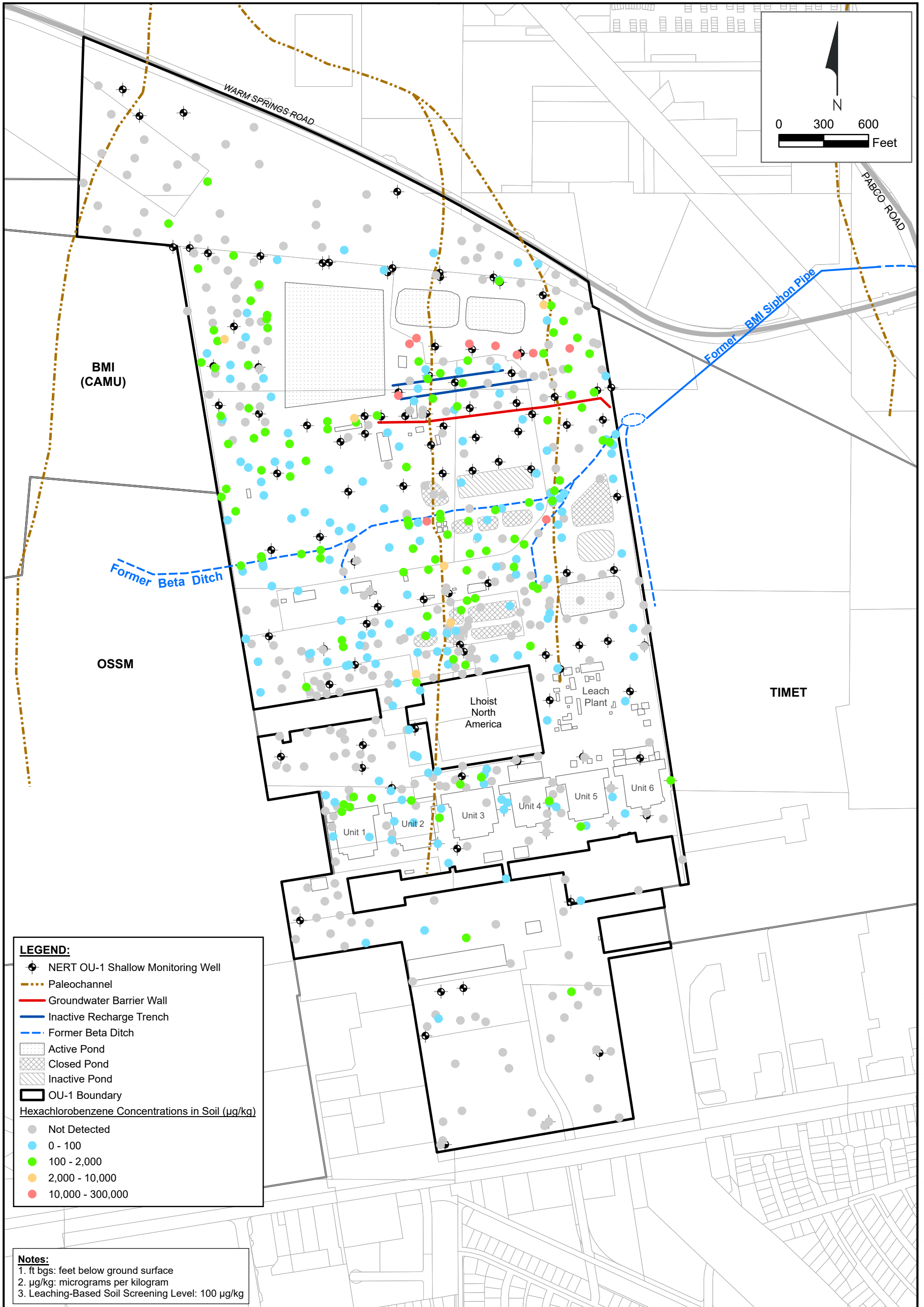
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-34d 1,4-Dioxane 30 - 50



OU-1 Hexachlorobenzene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-35a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Hexachlorobenzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 100
- 100 - 2,000
- 2,000 - 10,000
- 10,000 - 300,000

Notes:

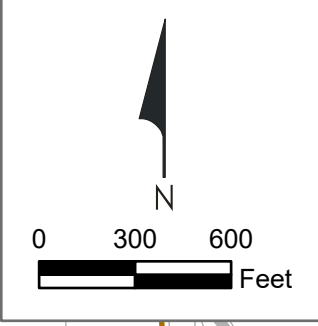
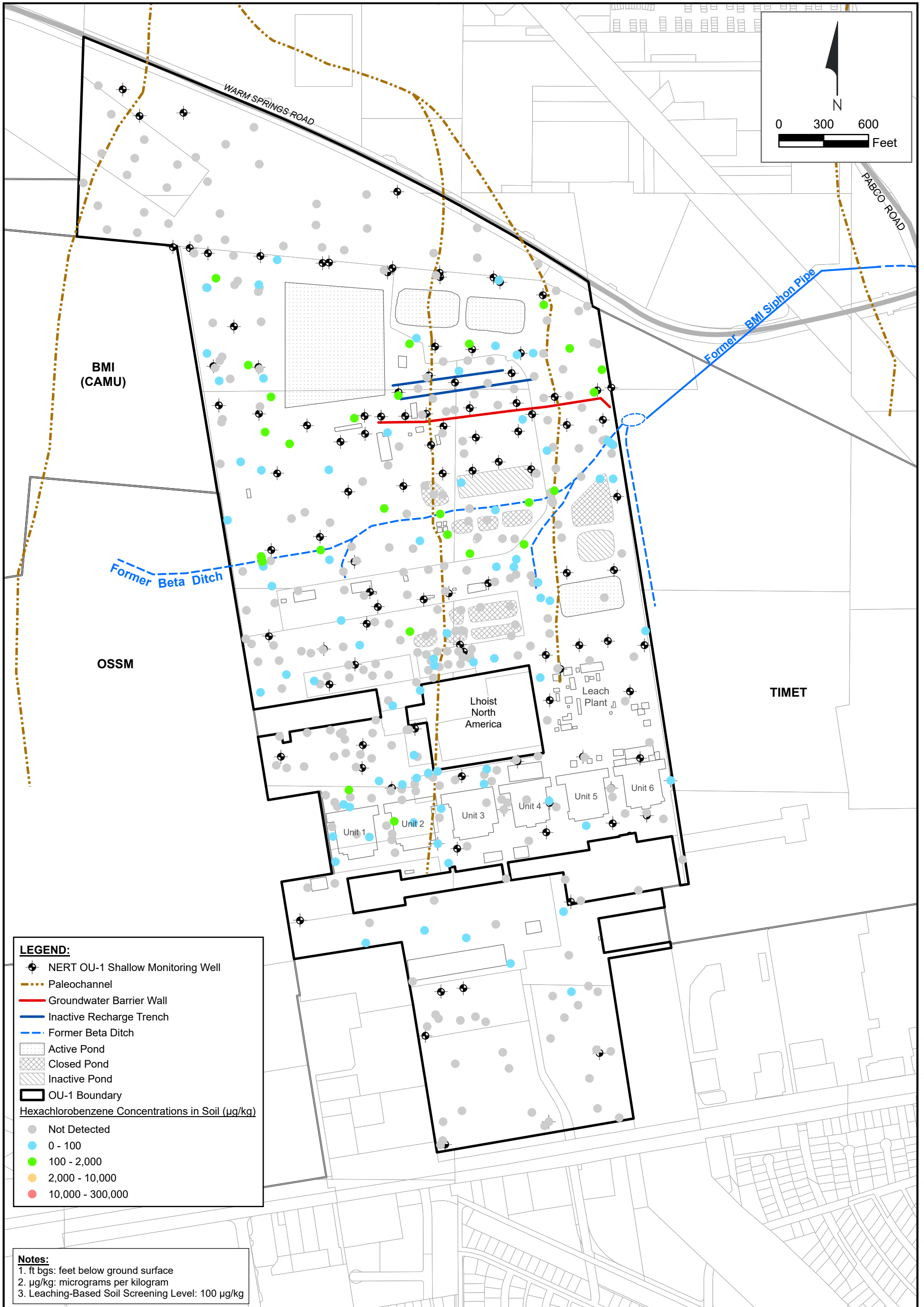
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 100 µg/kg



Hexachlorobenzene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-35b

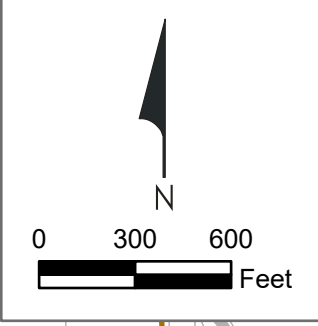
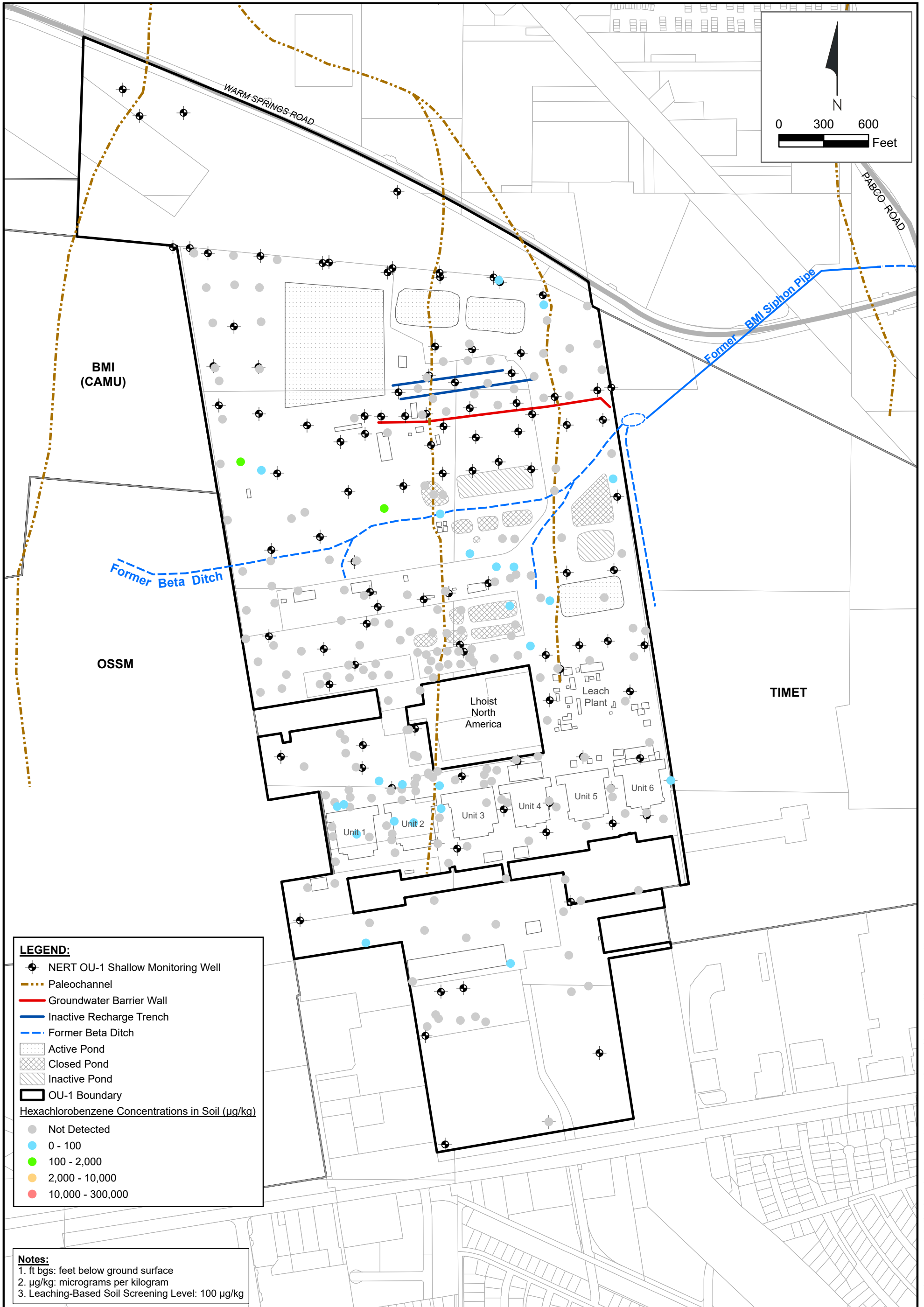
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-35b Hexachlorobenzene 0 - 10



Hexachlorobenzene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-35c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-35c Hexachlorobenzene 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Hexachlorobenzene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 100
- 100 - 2,000
- 2,000 - 10,000
- 10,000 - 300,000

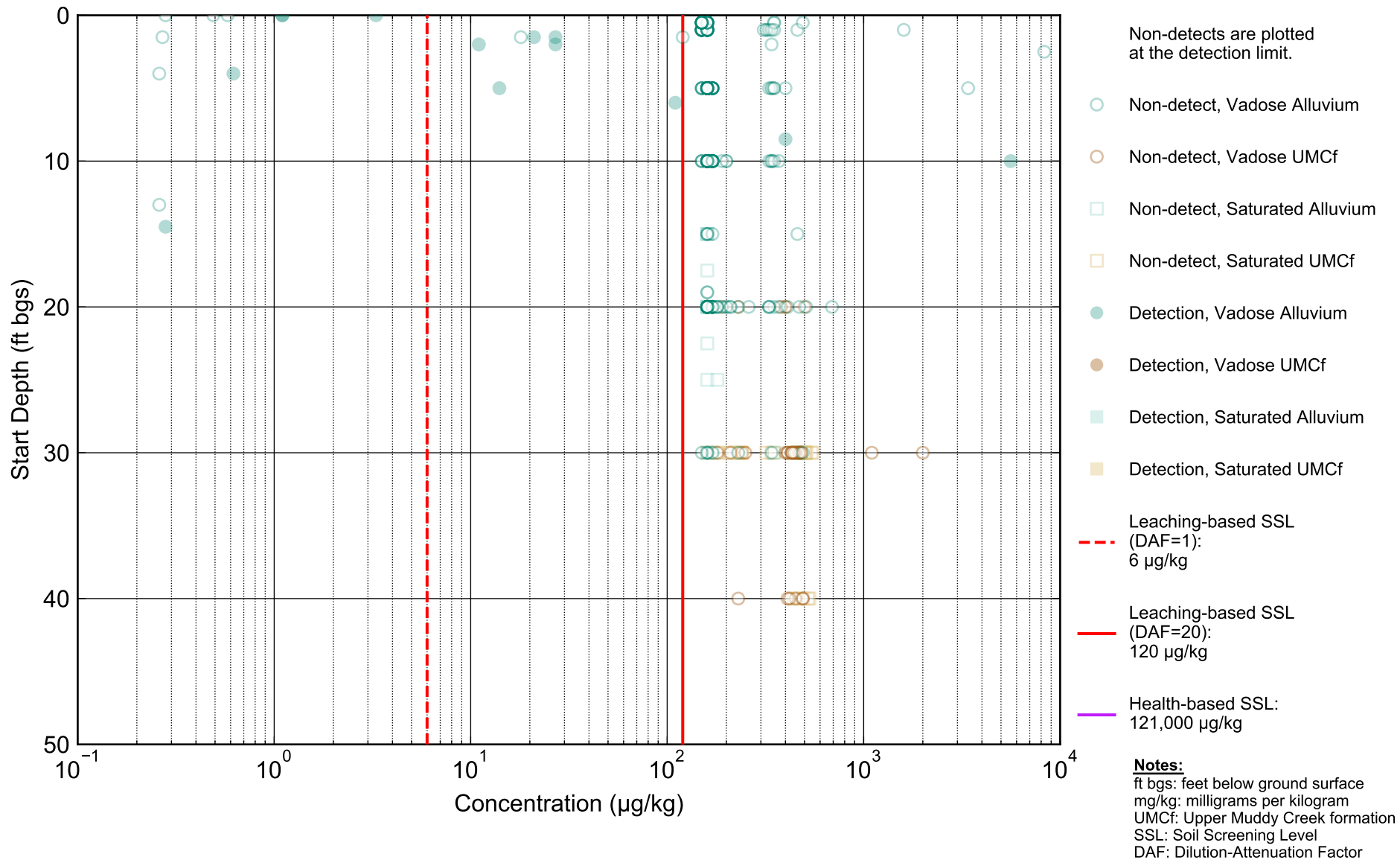
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 100 µg/kg



Hexachlorobenzene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-35d

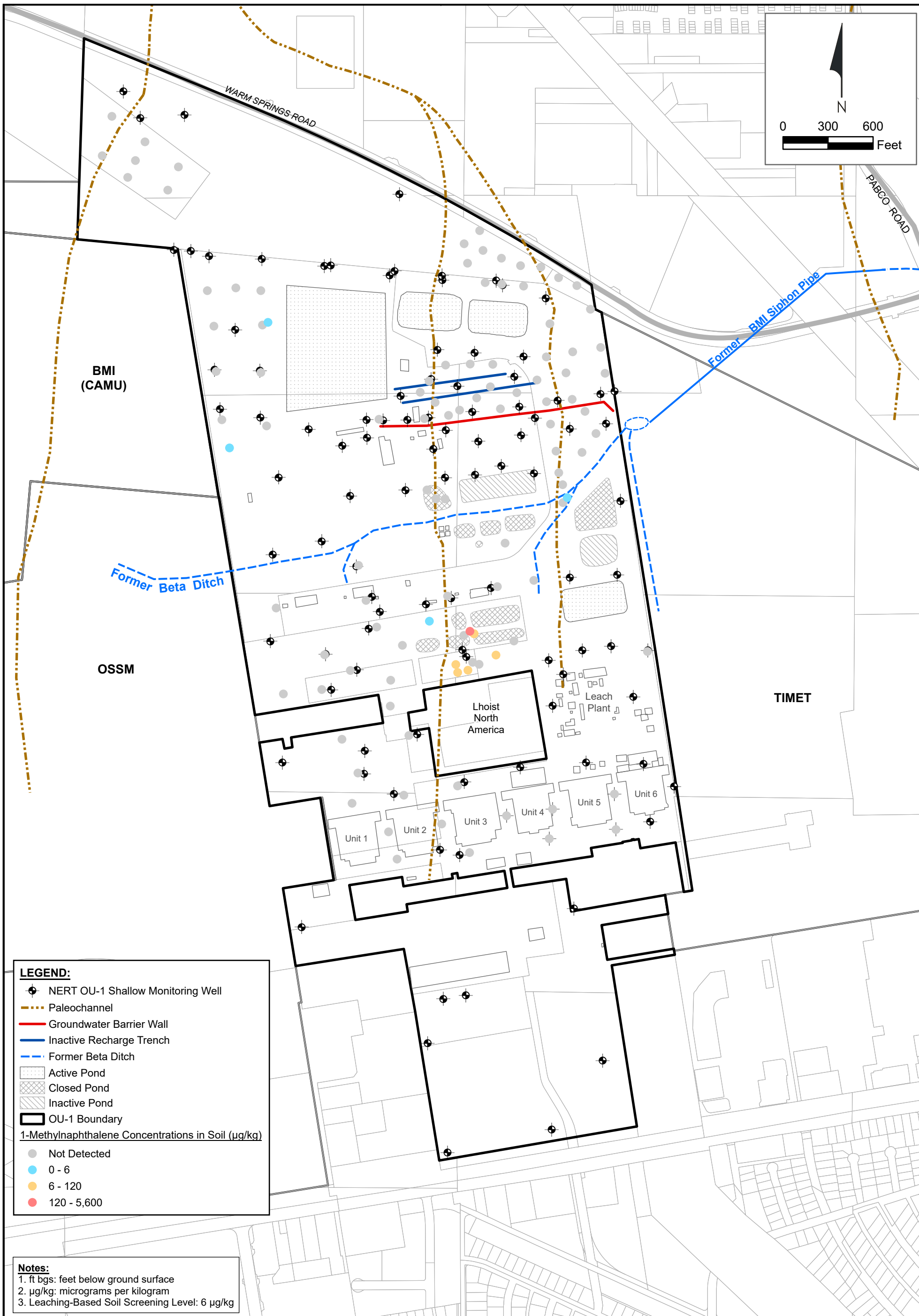
Path: H:\Petomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-35d Hexachlorobenzene 30 - 50



OU-1 1-Methylnaphthalene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-36a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

1-Methylnaphthalene Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0 - 6
- 6 - 120
- 120 - 5,600

Notes:

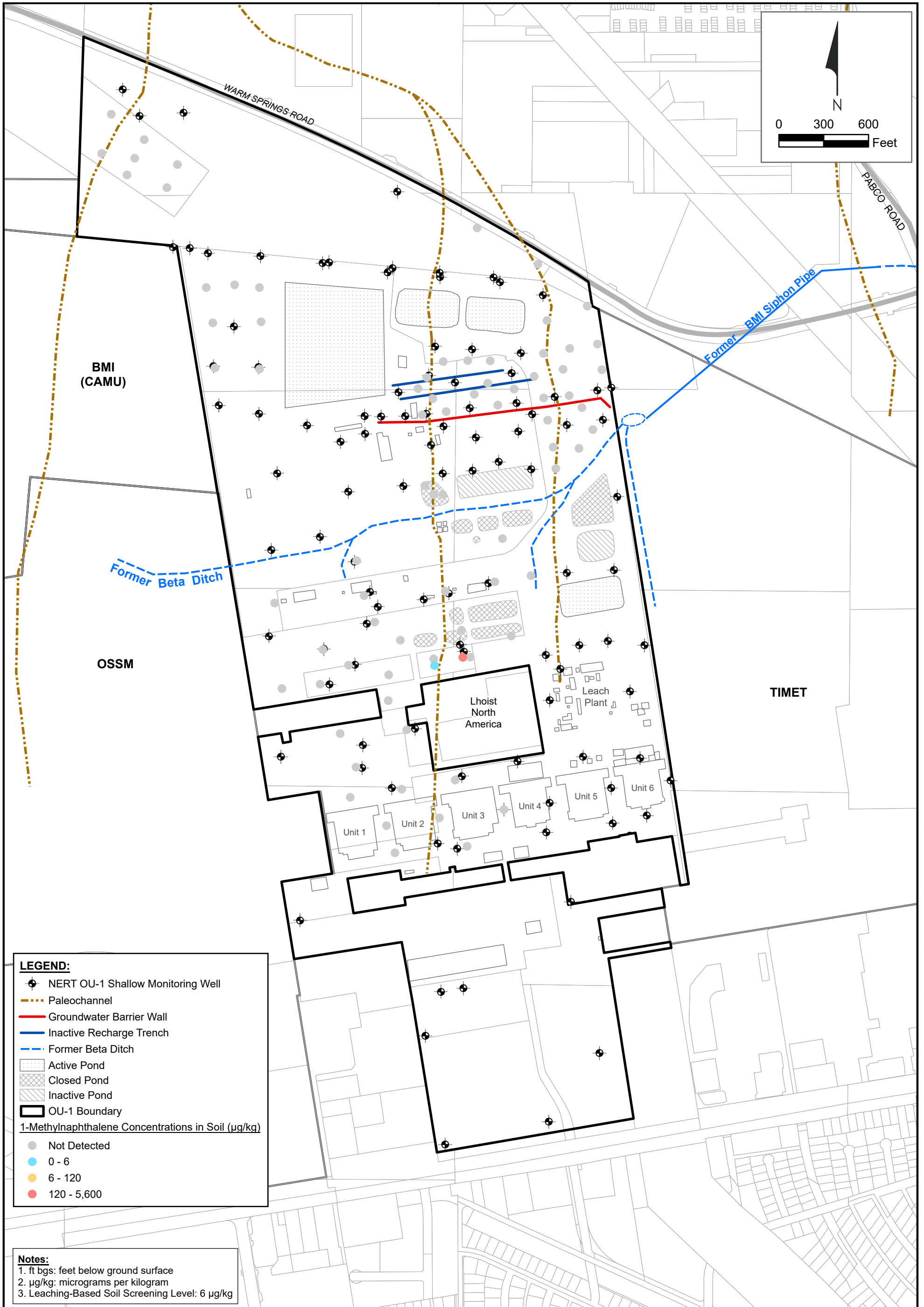
1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 6 $\mu\text{g}/\text{kg}$



1-Methylnaphthalene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-36b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-36b 1-Methylnaphthalene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

1-Methylnaphthalene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 6
- 6 - 120
- 120 - 5,600

Notes:

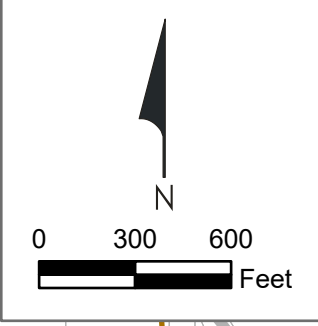
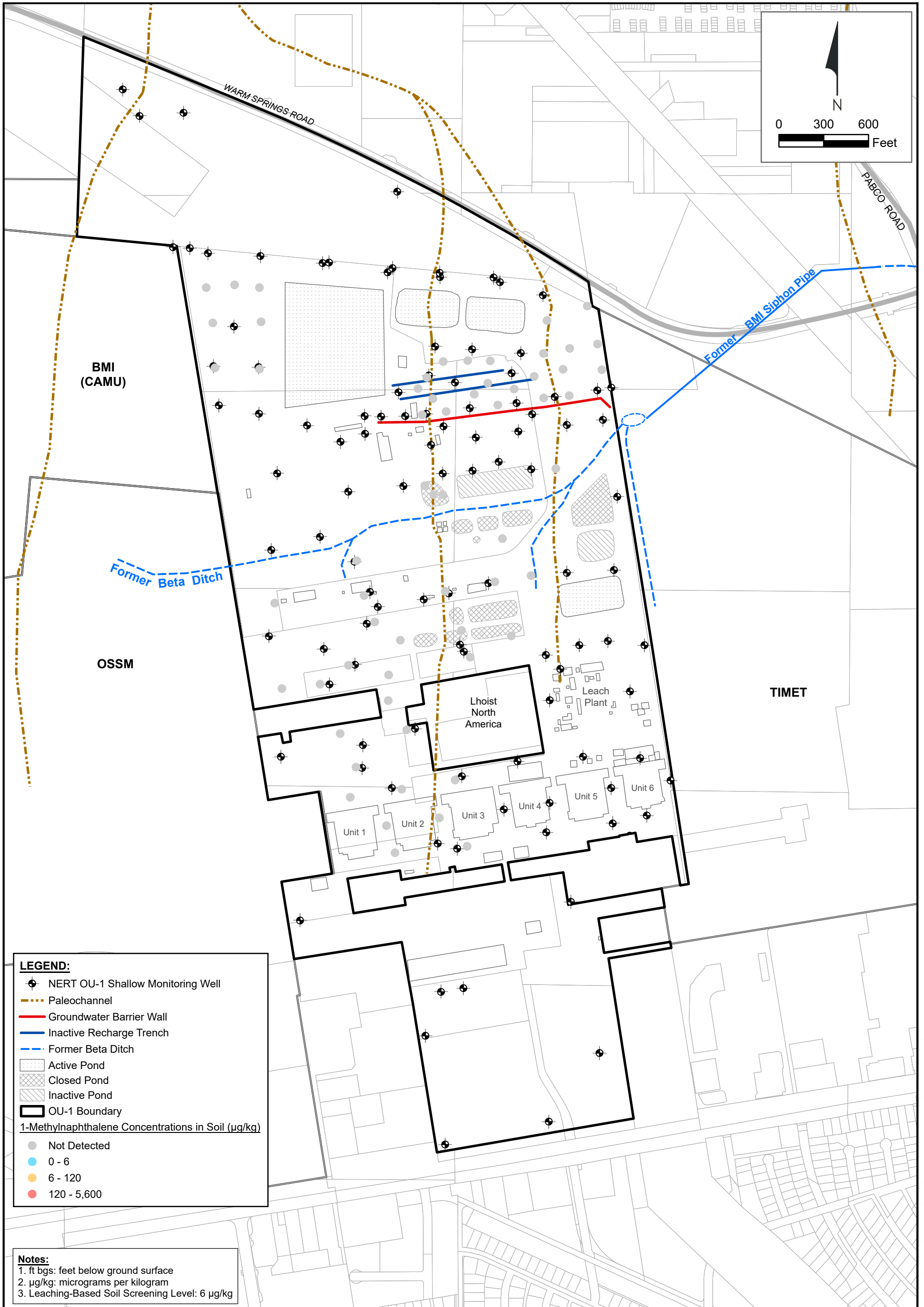
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 6 µg/kg



1-Methylnaphthalene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-36c

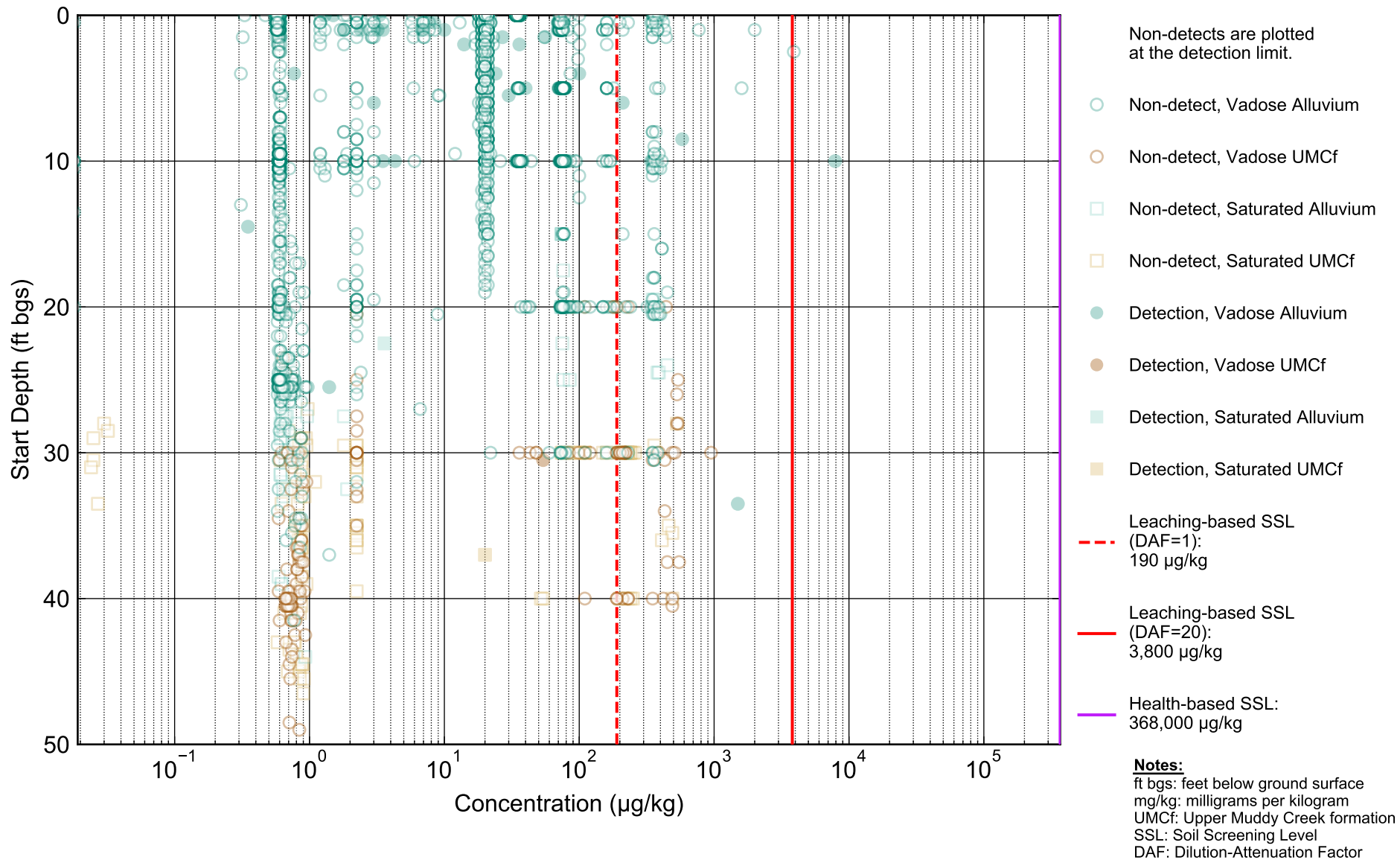
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-36c 1-Methylnaphthalene 10 - 30



1-Methylnaphthalene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-36d

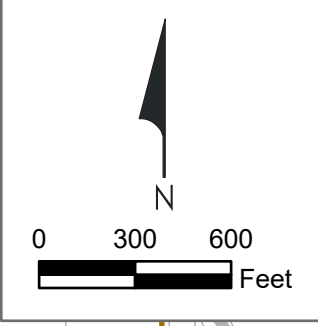
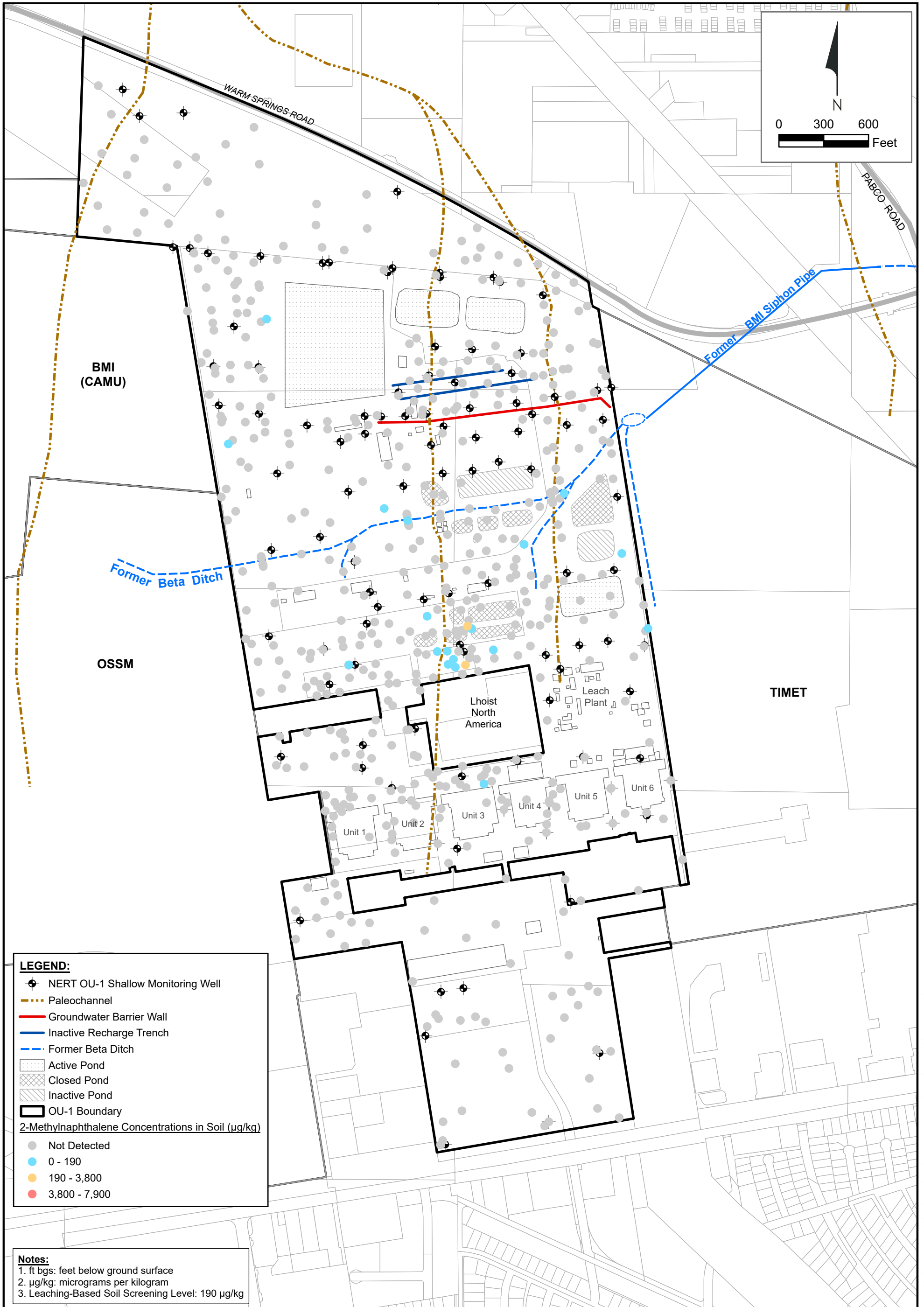
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-36d 1-Methylnaphthalene 30 - 50



OU-1 2-Methylnaphthalene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

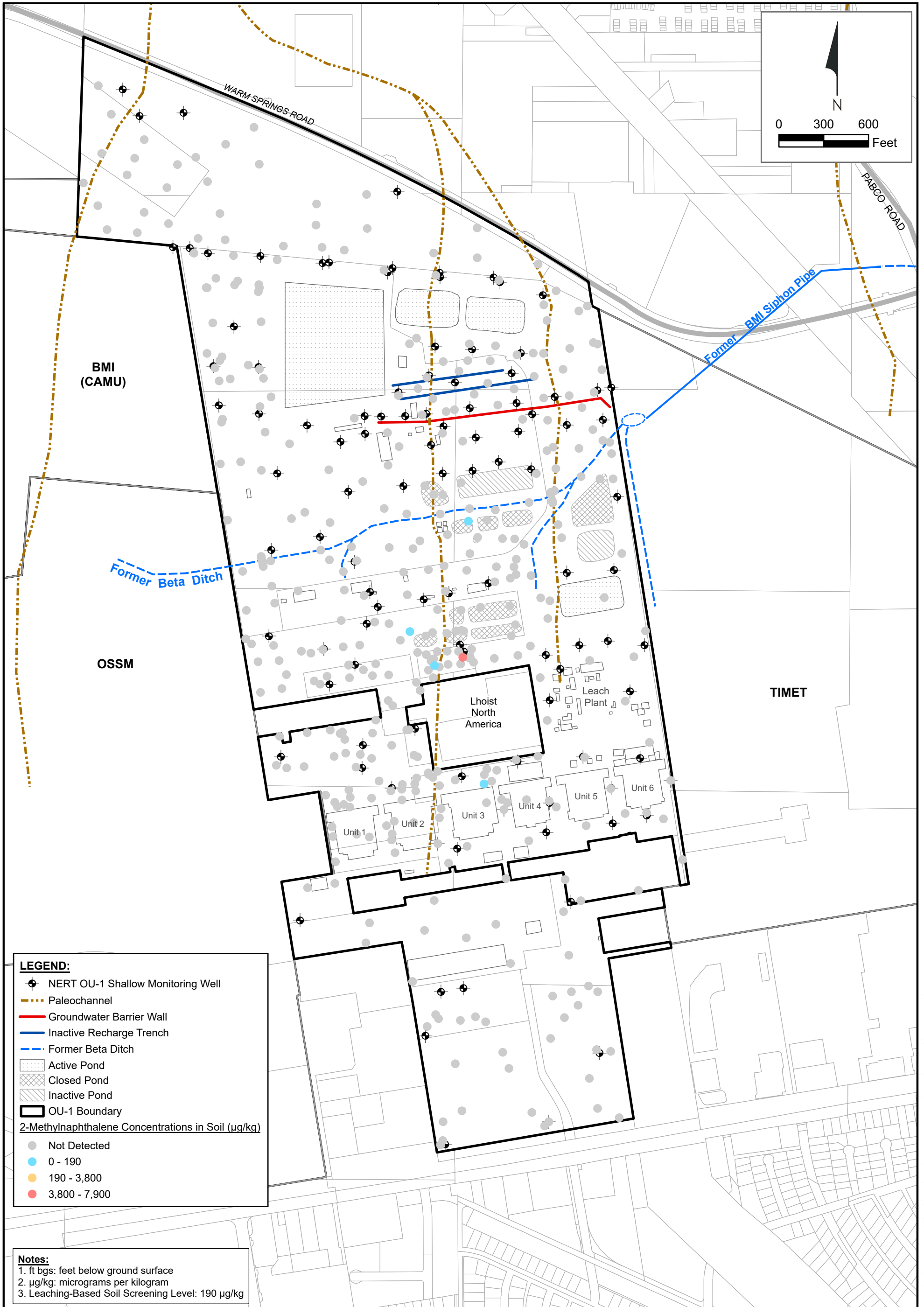
7-37a



2-Methylnaphthalene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-37b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-37b 2-Methylnaphthalene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

2-Methylnaphthalene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 190
- 190 - 3,800
- 3,800 - 7,900

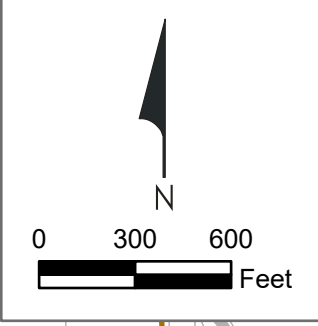
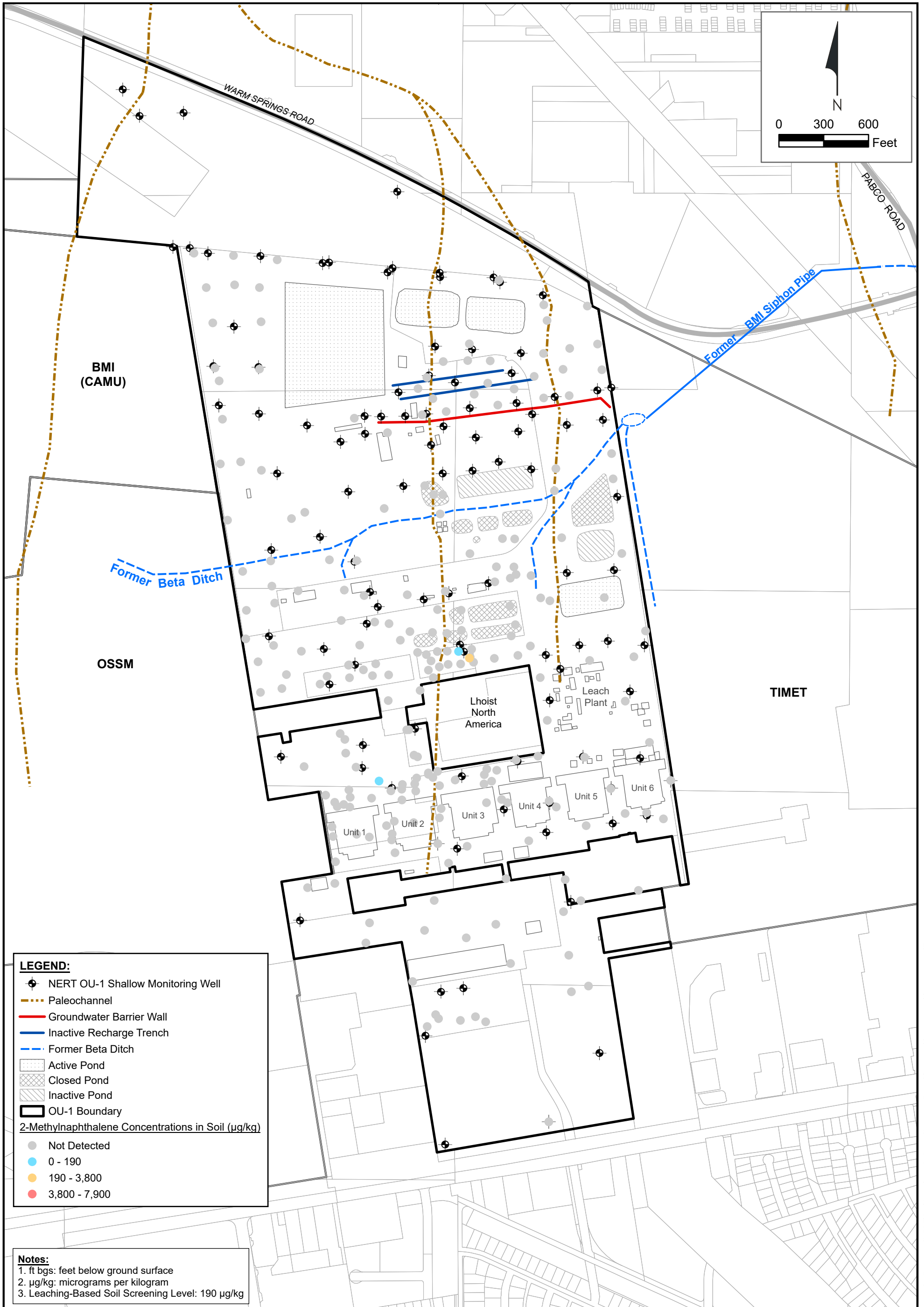
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 190 µg/kg



2-Methylnaphthalene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-37c

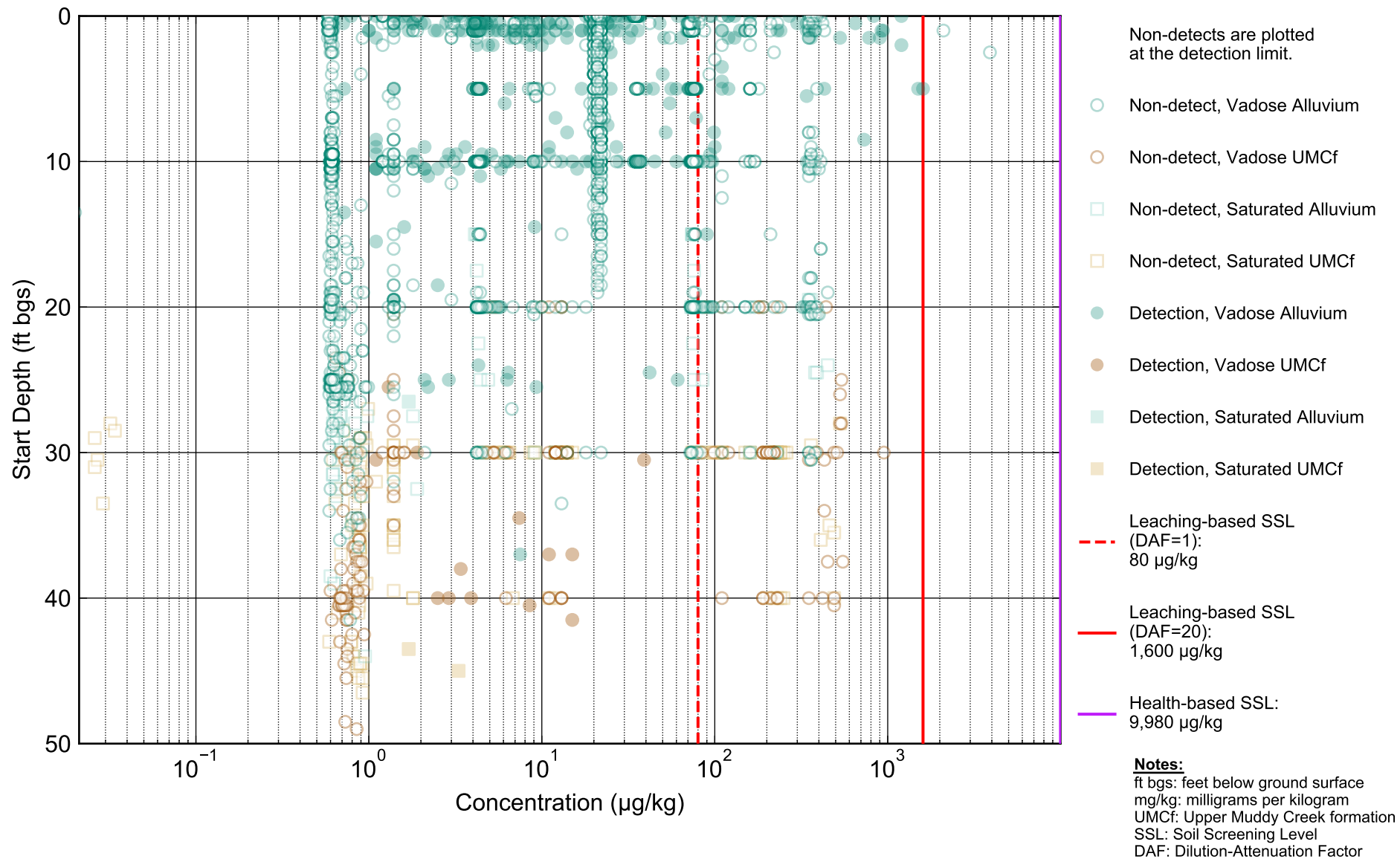
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-37c 2-Methylnaphthalene 10 - 30



2-Methylnaphthalene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-37d

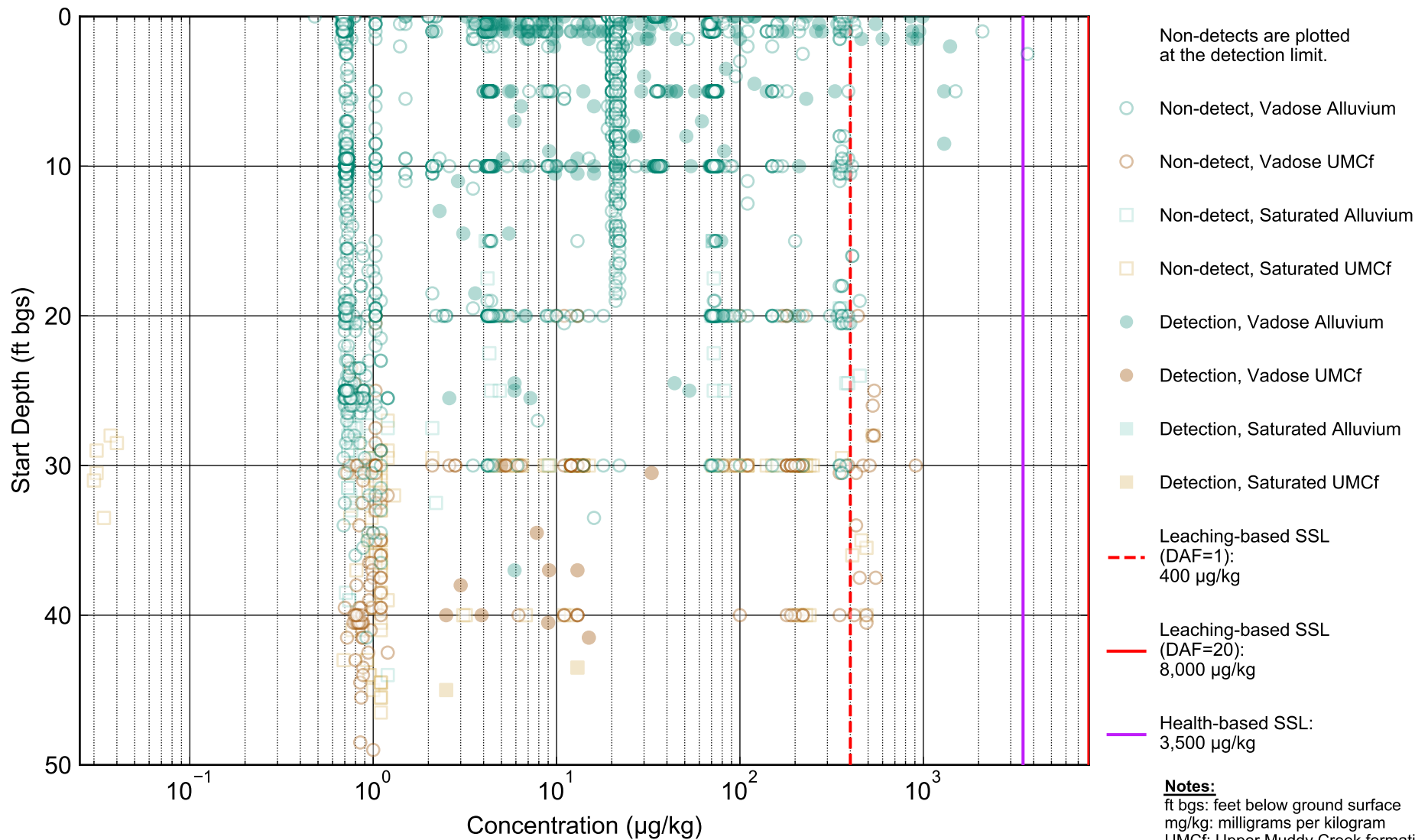
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_4.aprx\Figure 7-37d 2-Methylnaphthalene 30 - 50



OU-1 Benzo(a)anthracene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

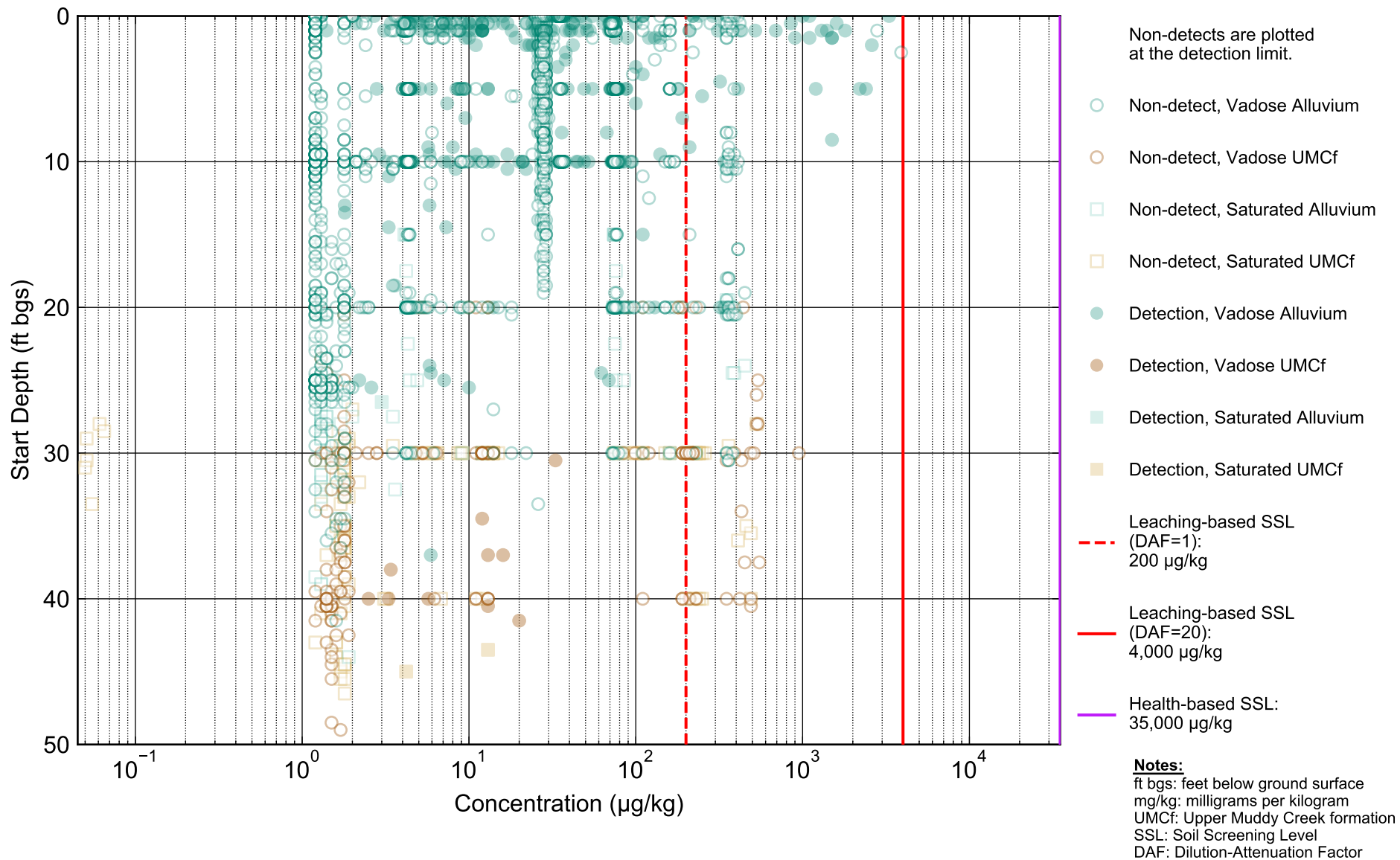
7-38a



OU-1 Benzo(a)pyrene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

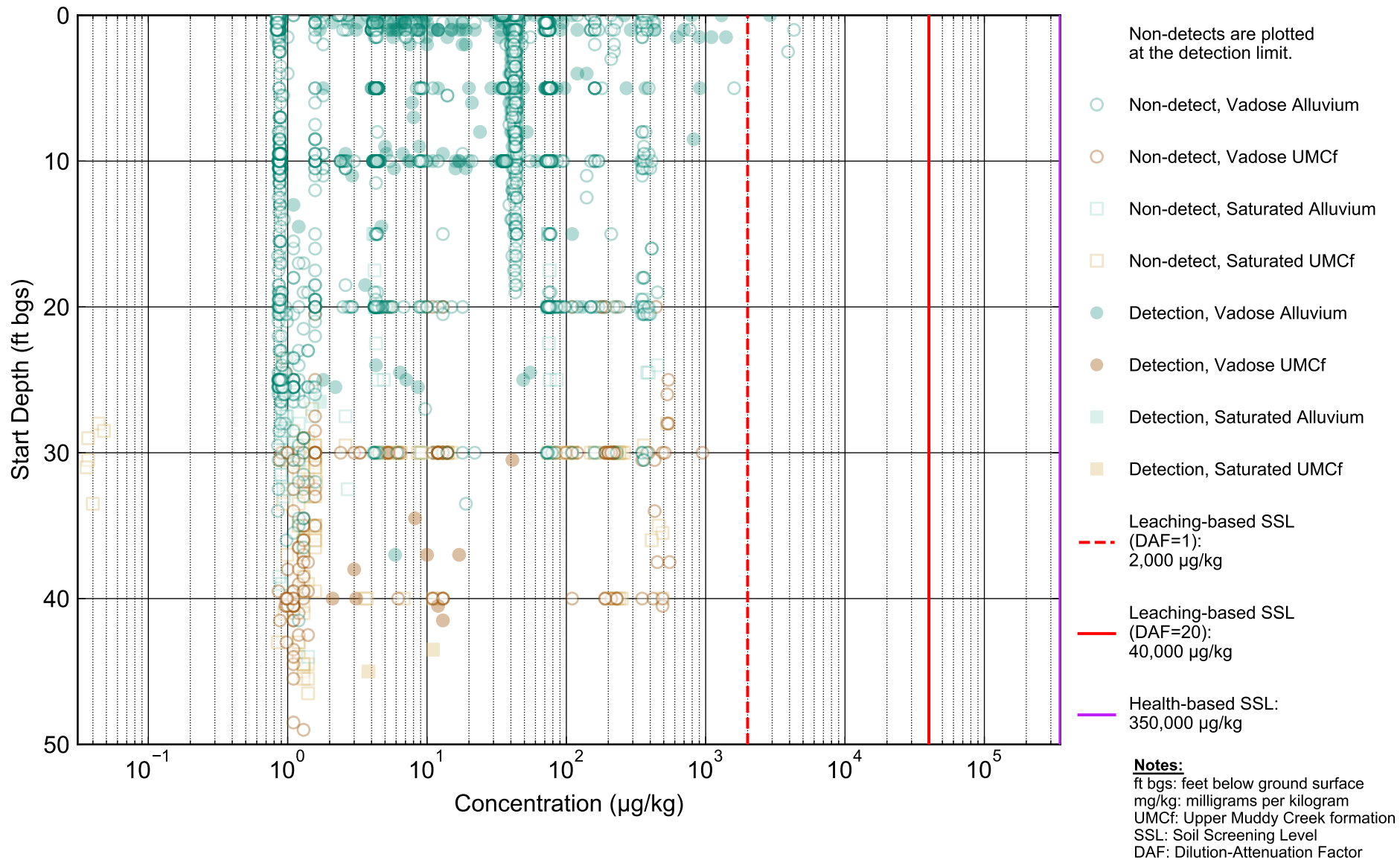
7-38b



OU-1 Benzo(b)fluoranthene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

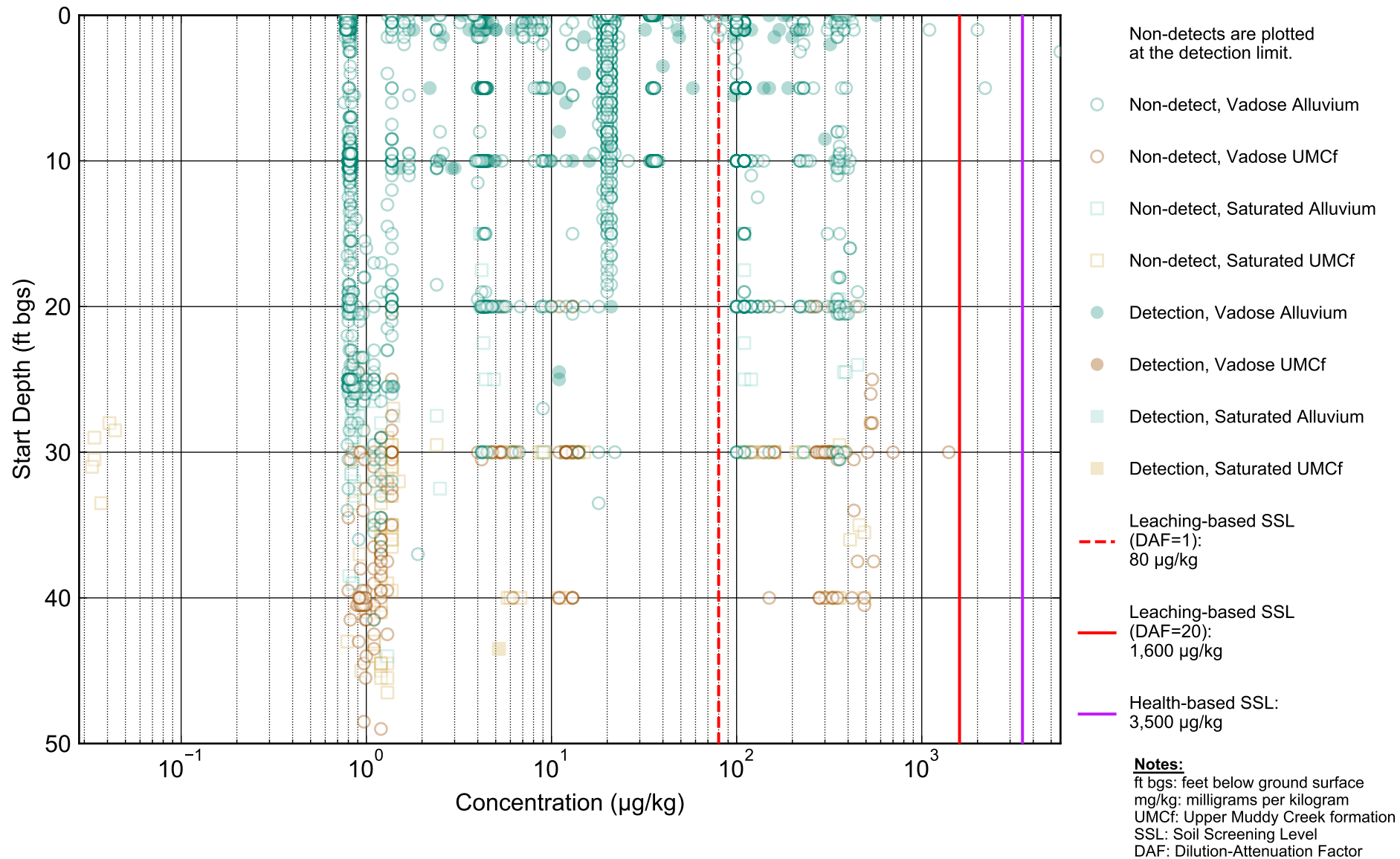
7-38c



OU-1 Benzo(k)fluoranthene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

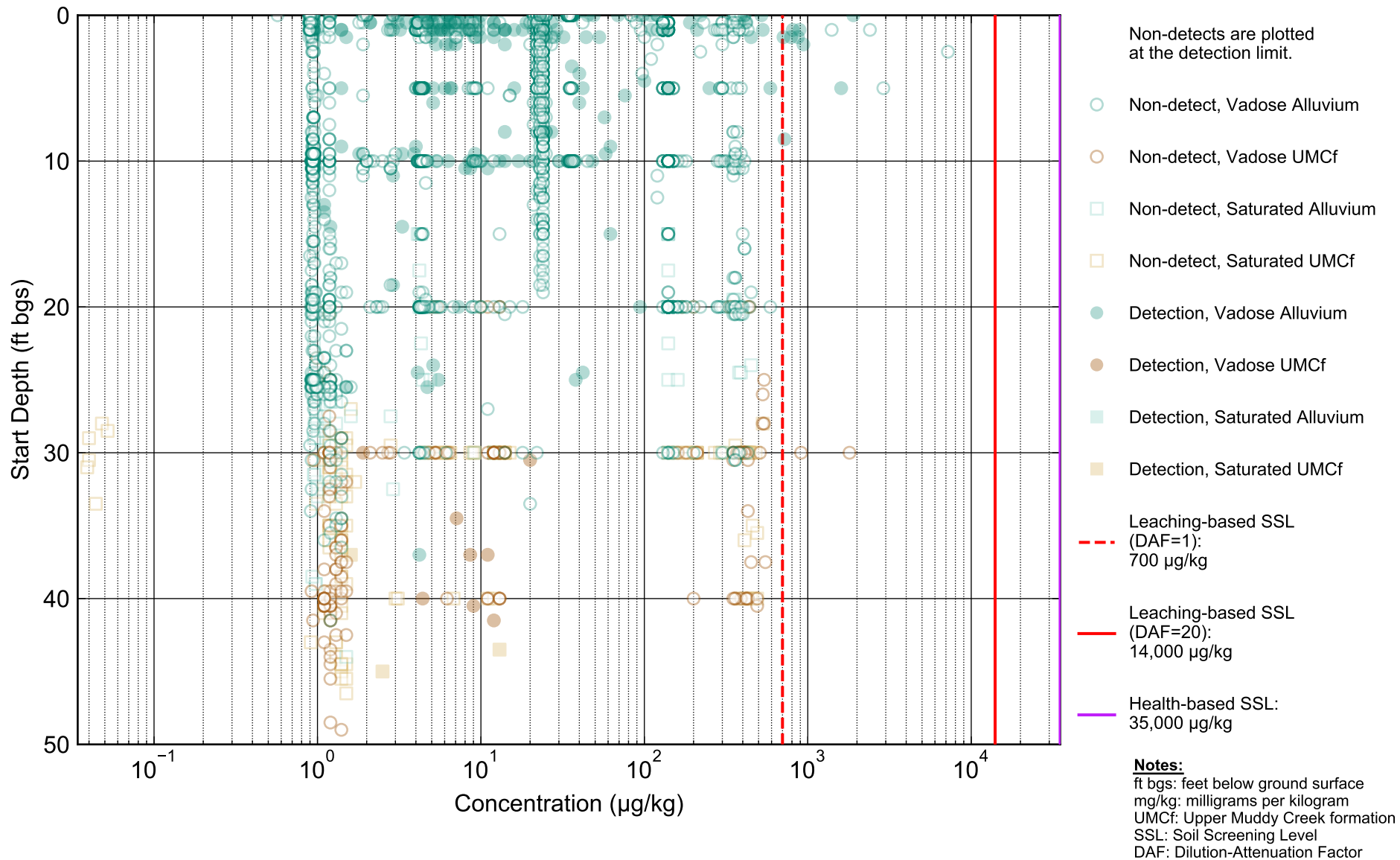
7-38d



OU-1 Dibenz(a,h)anthracene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

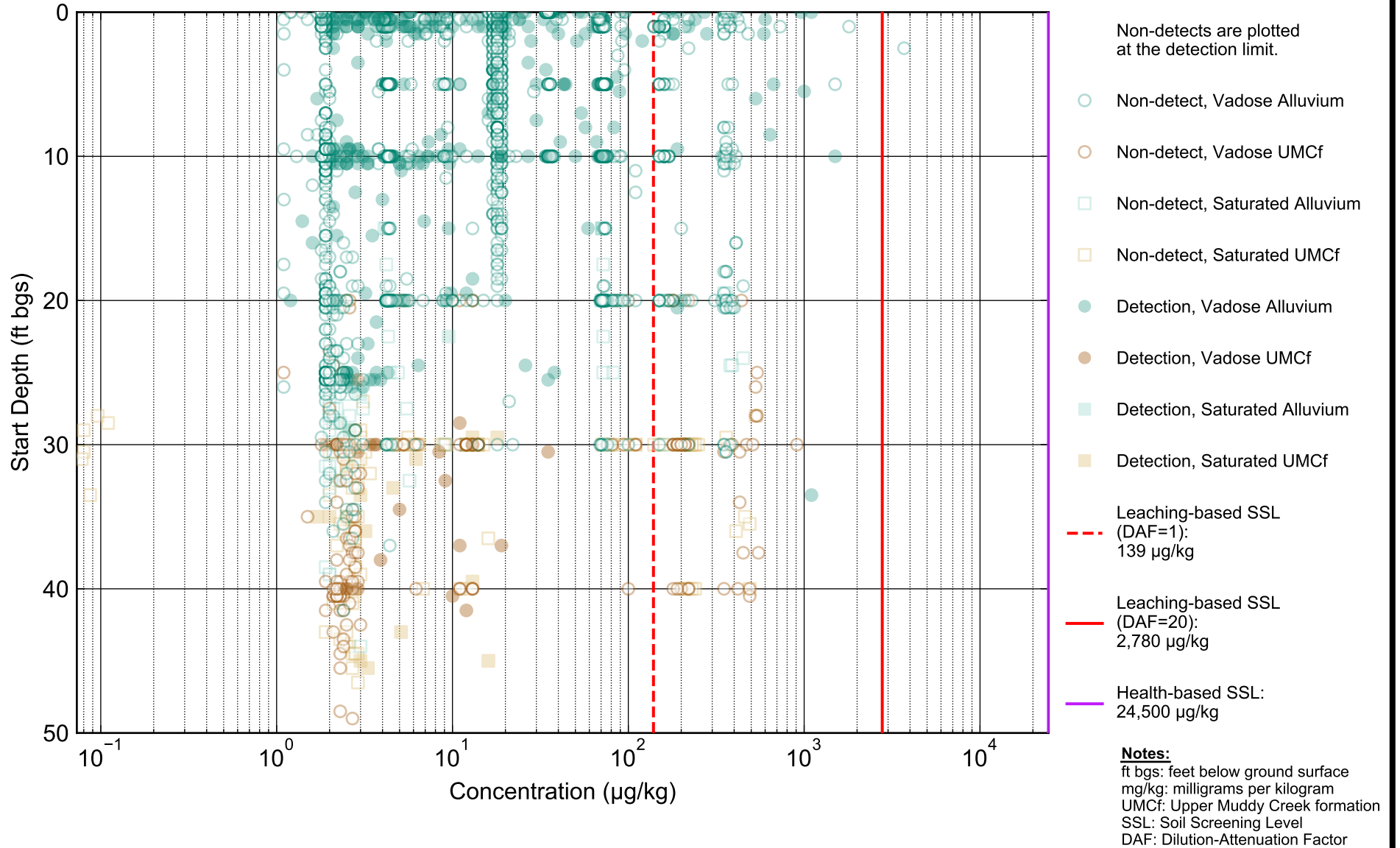
7-38e



OU-1 Indeno(1,2,3-cd)pyrene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

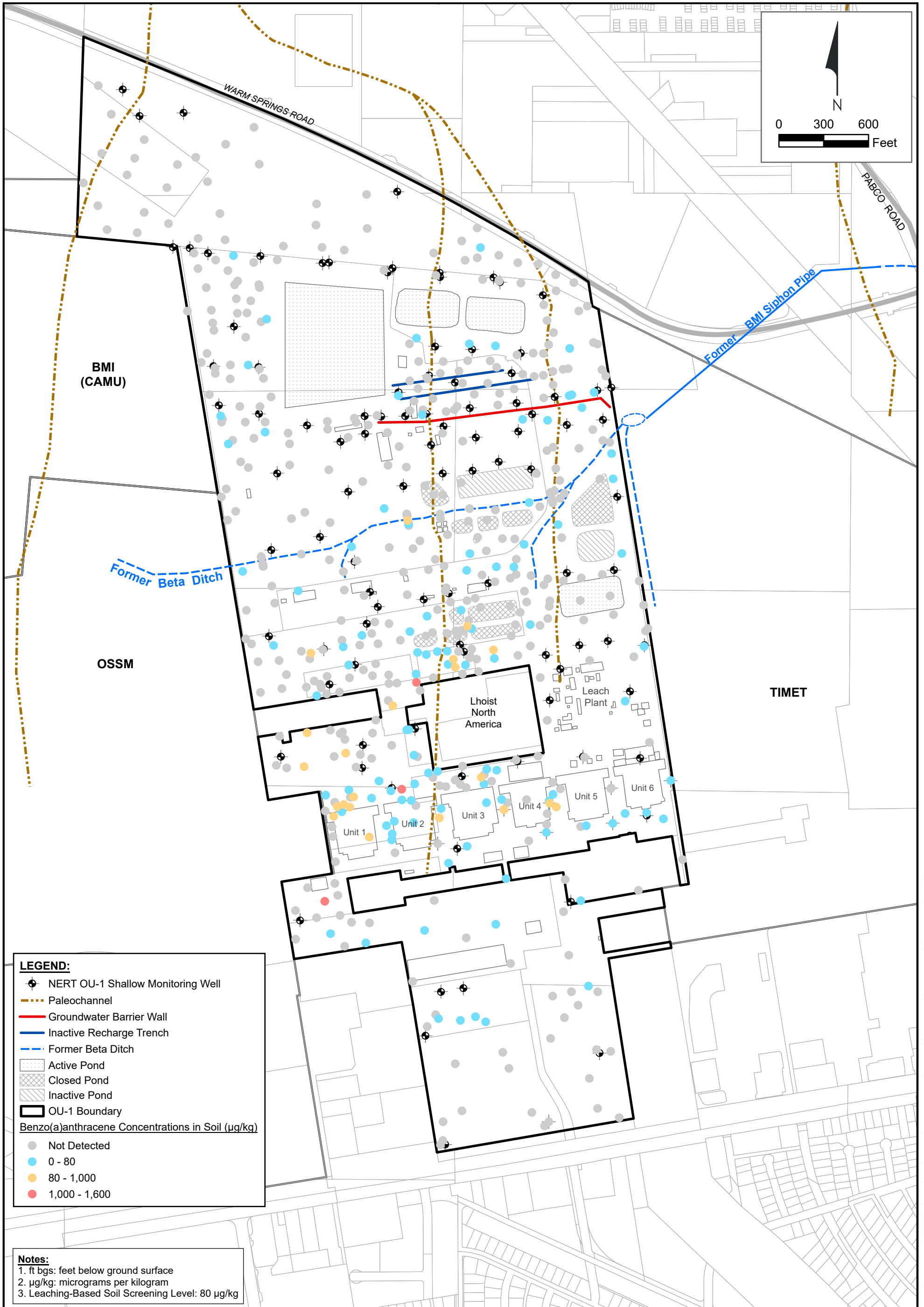
7-38f



OU-1 Phenanthrene Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-38g



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Benzo(a)anthracene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 80
- 80 - 1,000
- 1,000 - 1,600

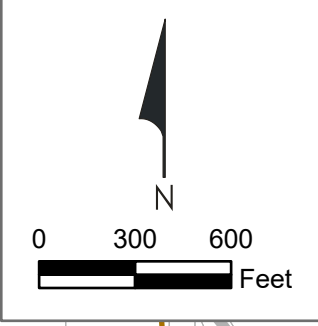
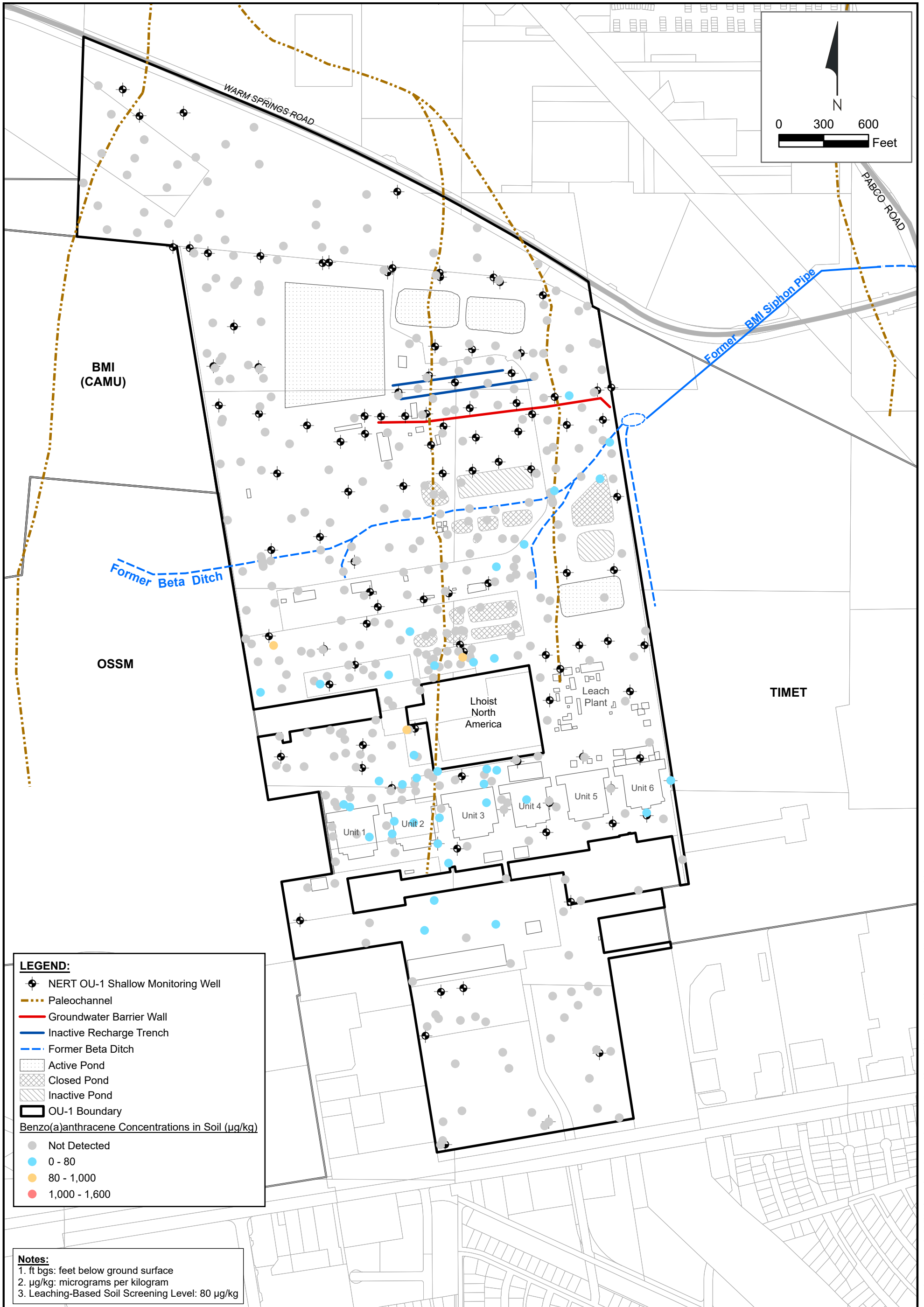
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 80 µg/kg



Benzo(a)anthracene in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-38h

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-38h Benzo(a)anthracene 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Benzo(a)anthracene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 80
- 80 - 1,000
- 1,000 - 1,600

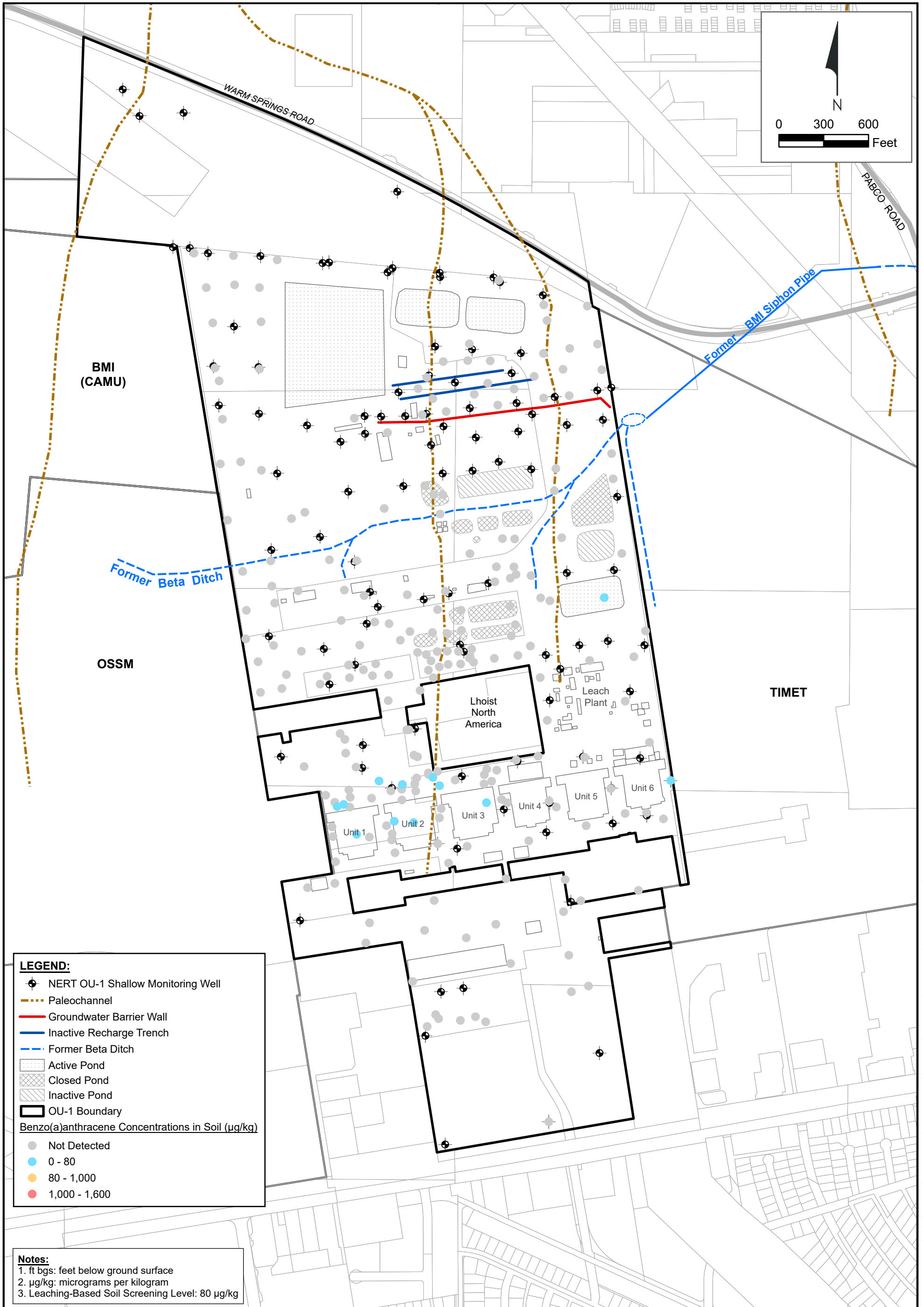
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 80 µg/kg



Benzo(a)anthracene in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-38i

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-38i Benzo(a)anthracene 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Benzo(a)anthracene Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 80
- 80 - 1,000
- 1,000 - 1,600

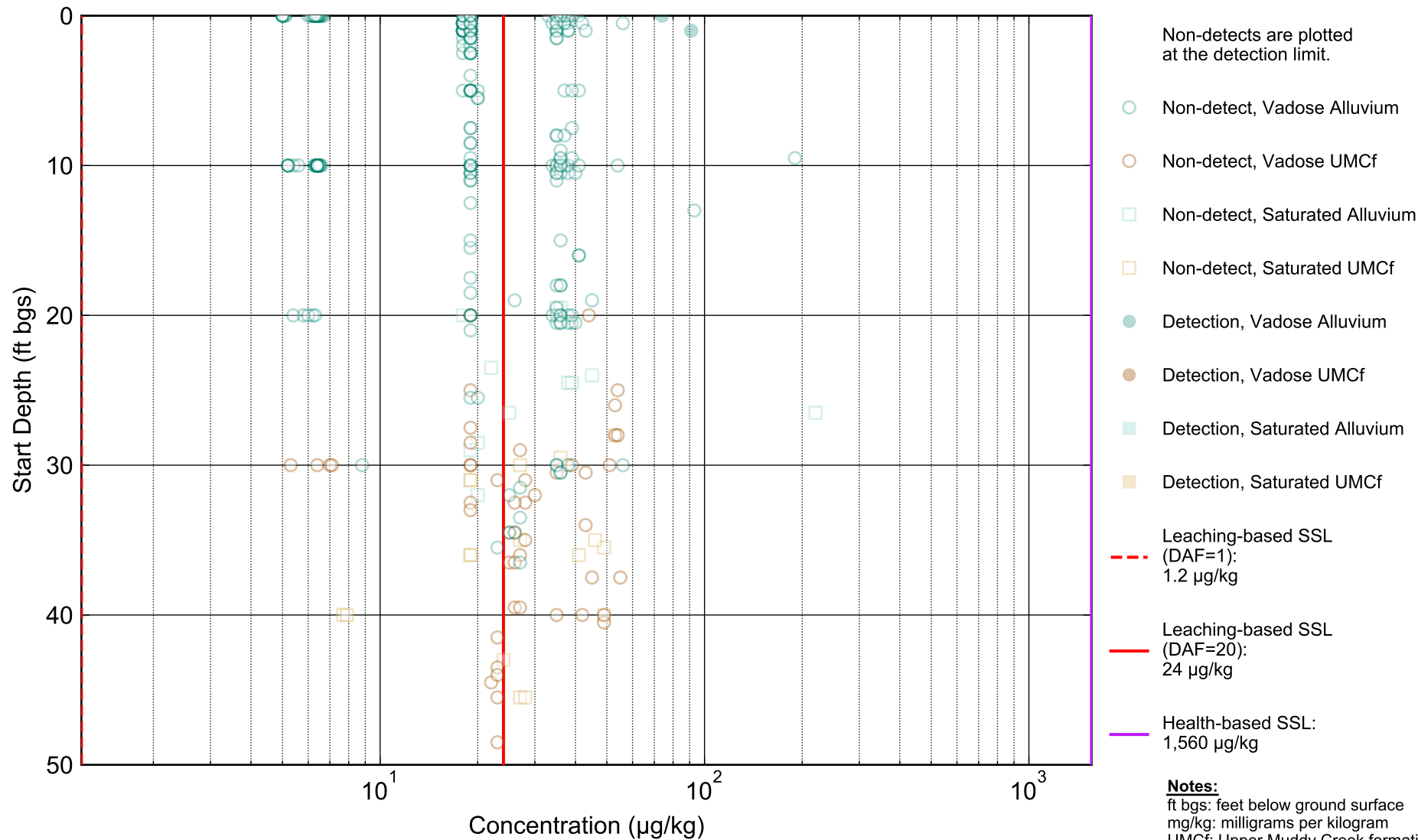
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 80 µg/kg



Benzo(a)anthracene in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-38j

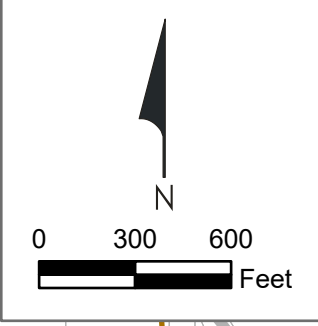
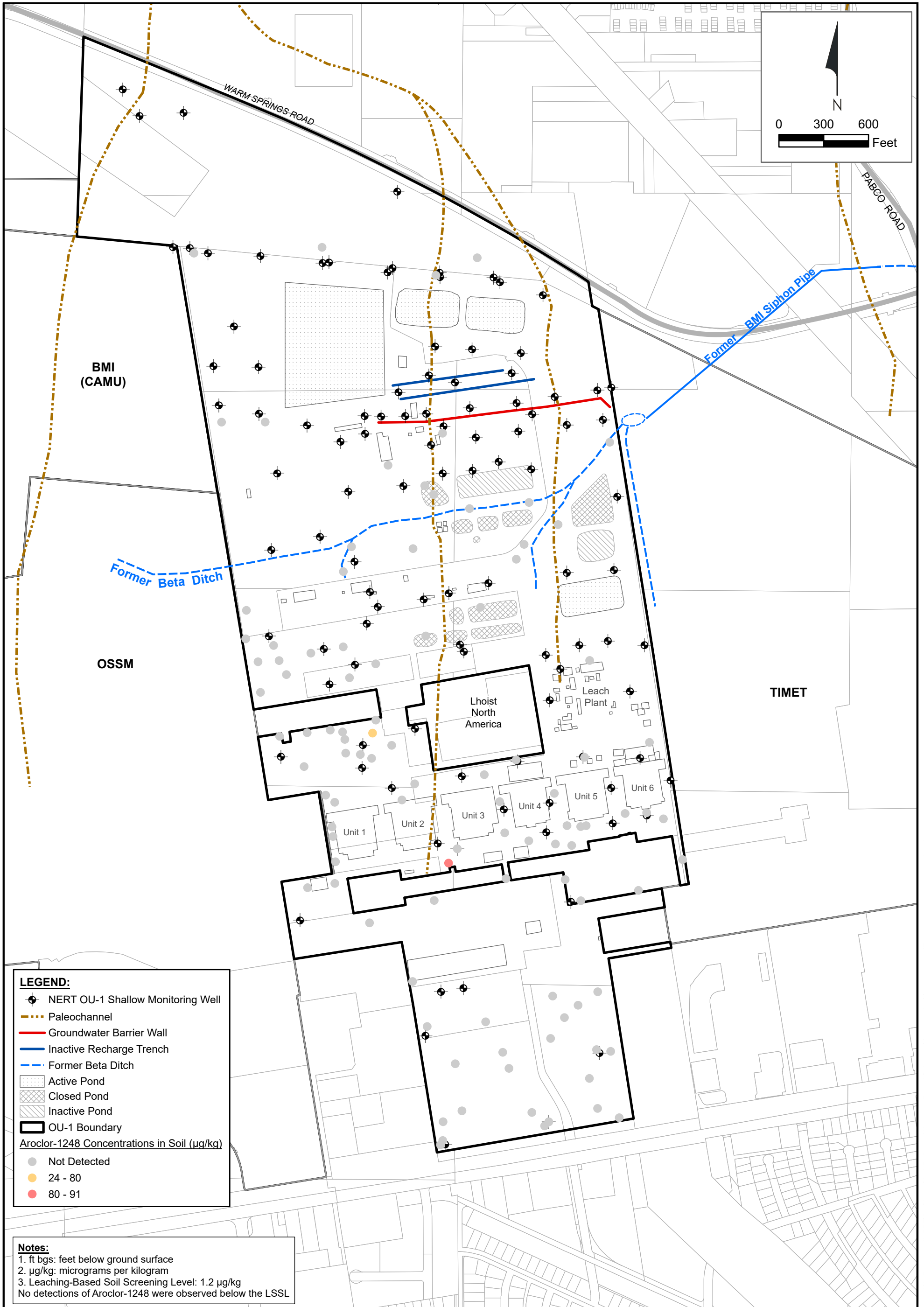
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-38j Benzo(a)anthracene 30 - 50



OU-1 Aroclor-1248 Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

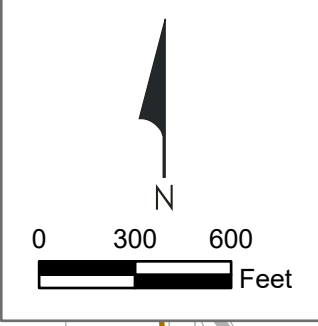
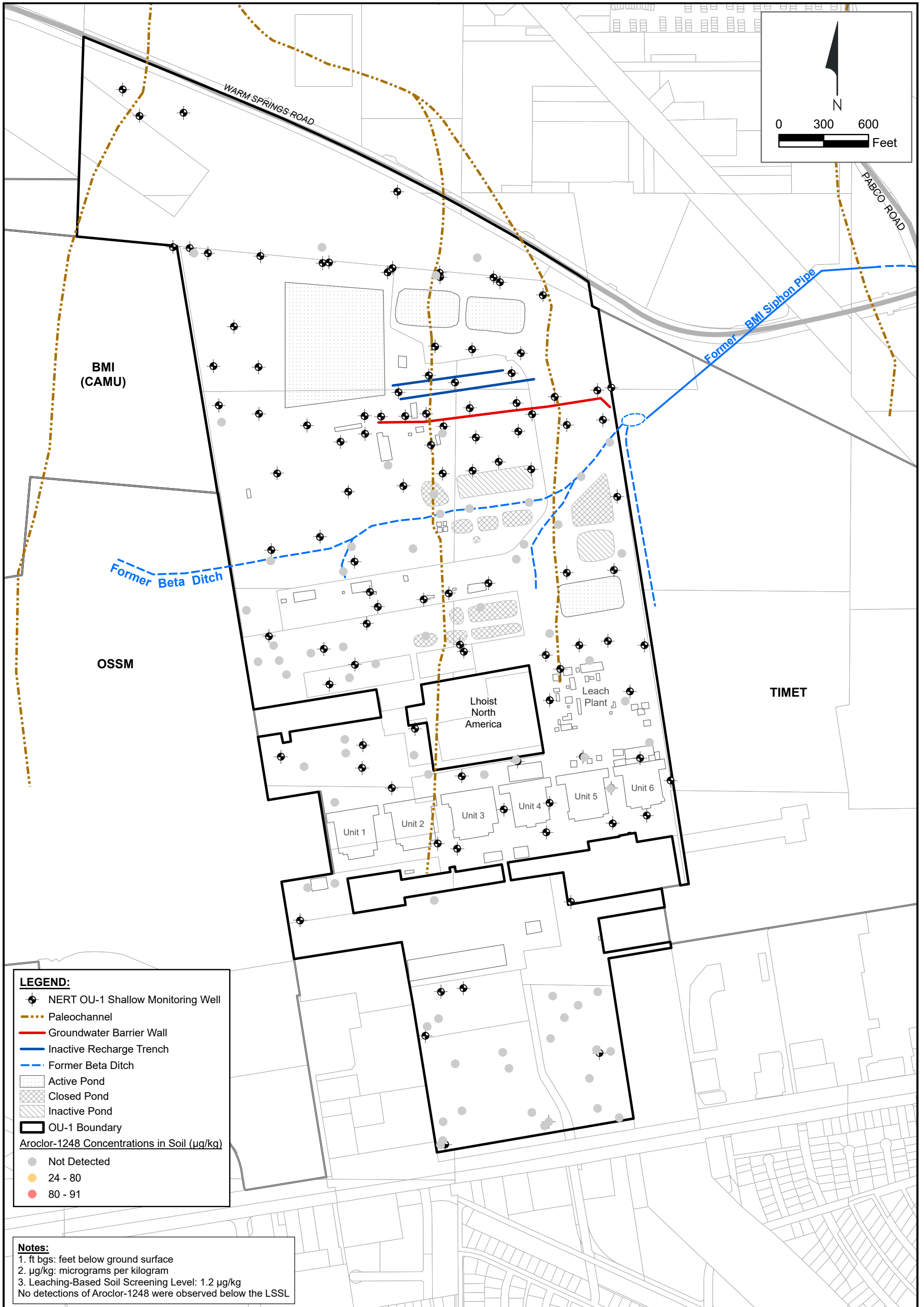
7-39a



Aroclor-1248 in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-39b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-39b Aroclor-1248 0 - 10



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1248 Concentrations in Soil (µg/kg)

- Not Detected
- 24 - 80
- 80 - 91

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 1.2 µg/kg

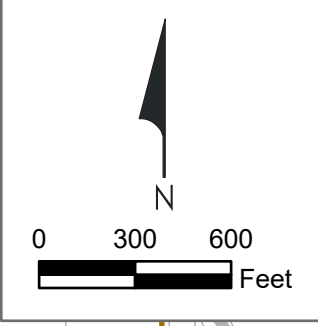
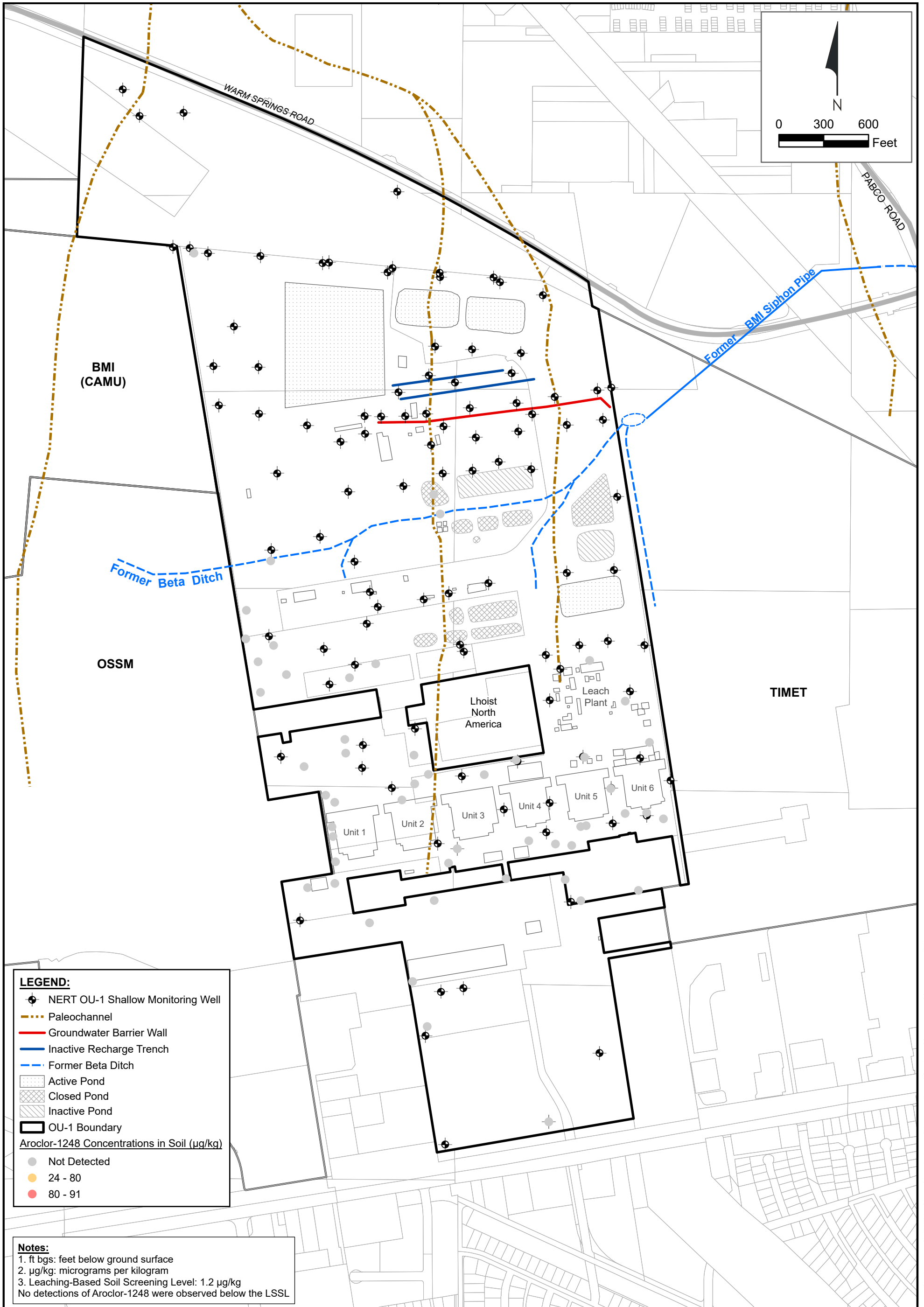
No detections of Aroclor-1248 were observed below the LSSL



Aroclor-1248 in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-39c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-39c Aroclor-1248 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1248 Concentrations in Soil (µg/kg)

- Not Detected
- 24 - 80
- 80 - 91

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 1.2 µg/kg

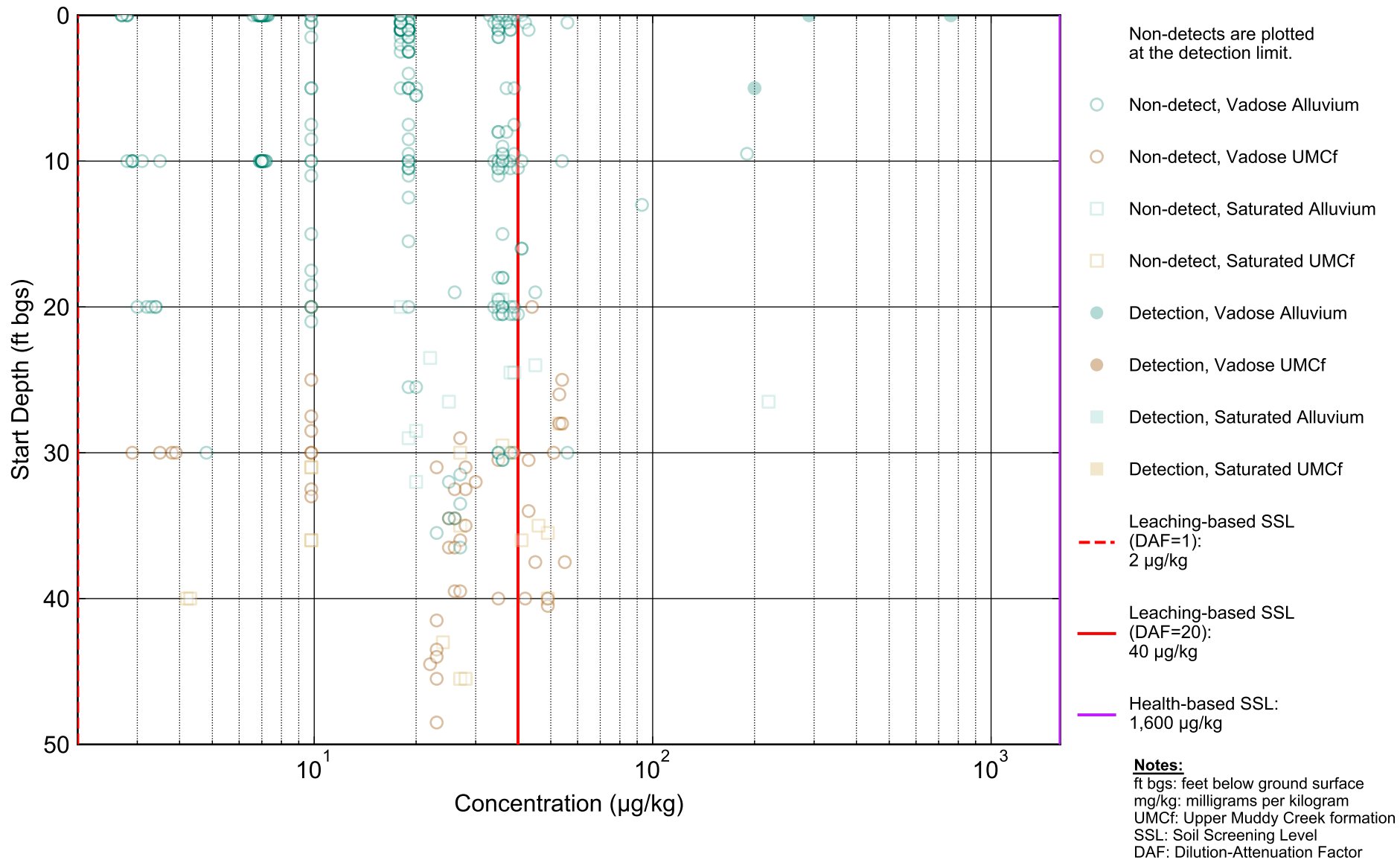
No detections of Aroclor-1248 were observed below the LSSL



Aroclor-1248 in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-39d

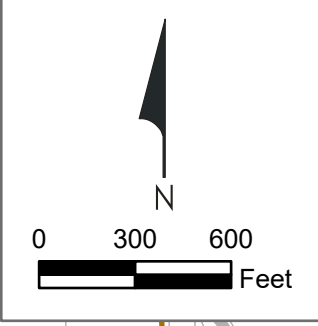
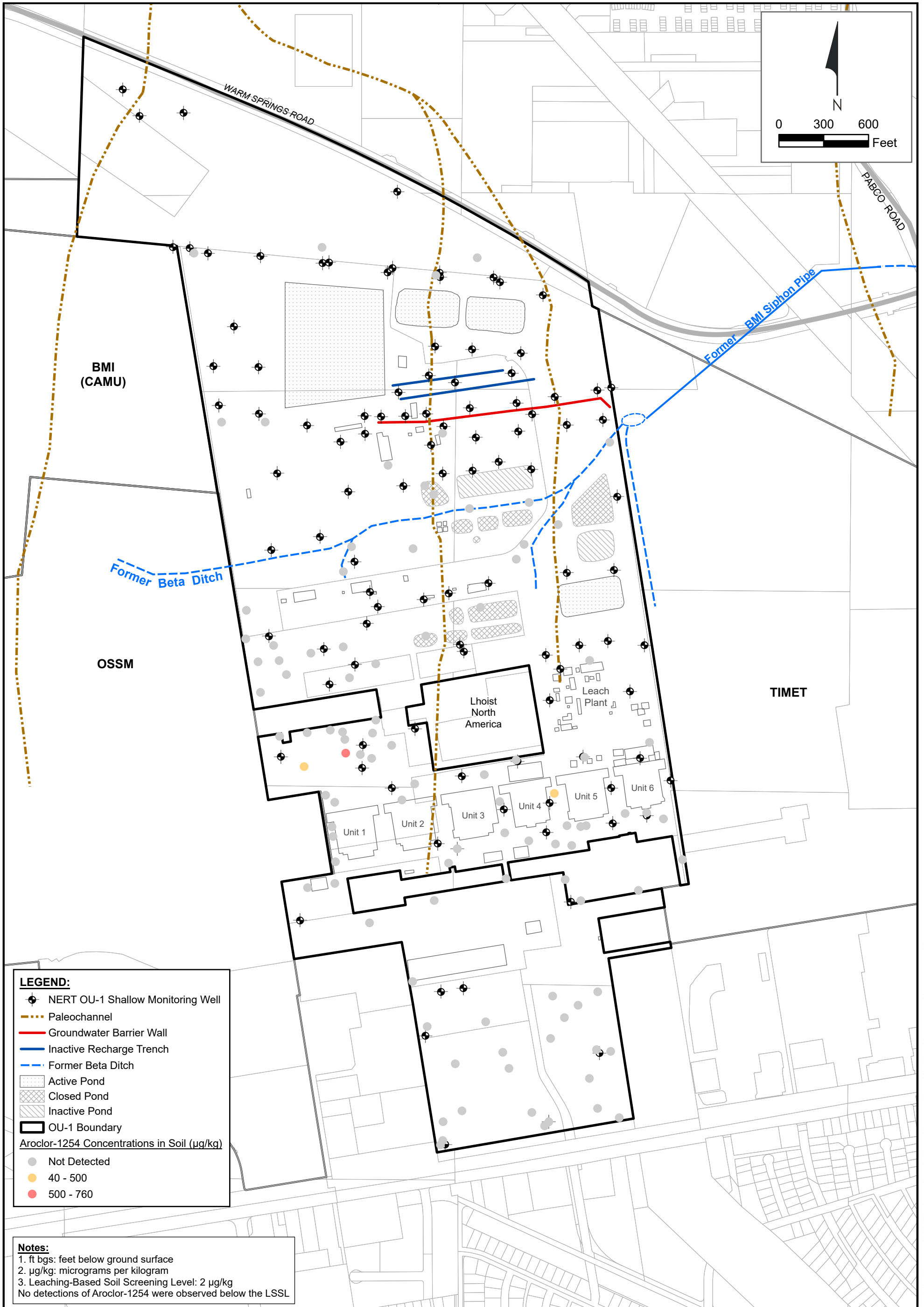
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-39d Aroclor-1248 30 - 50



OU-1 Aroclor-1254 Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

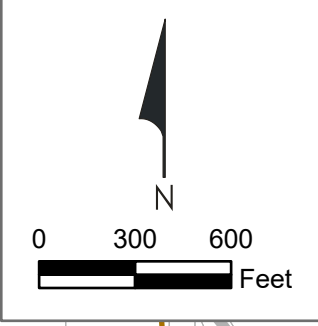
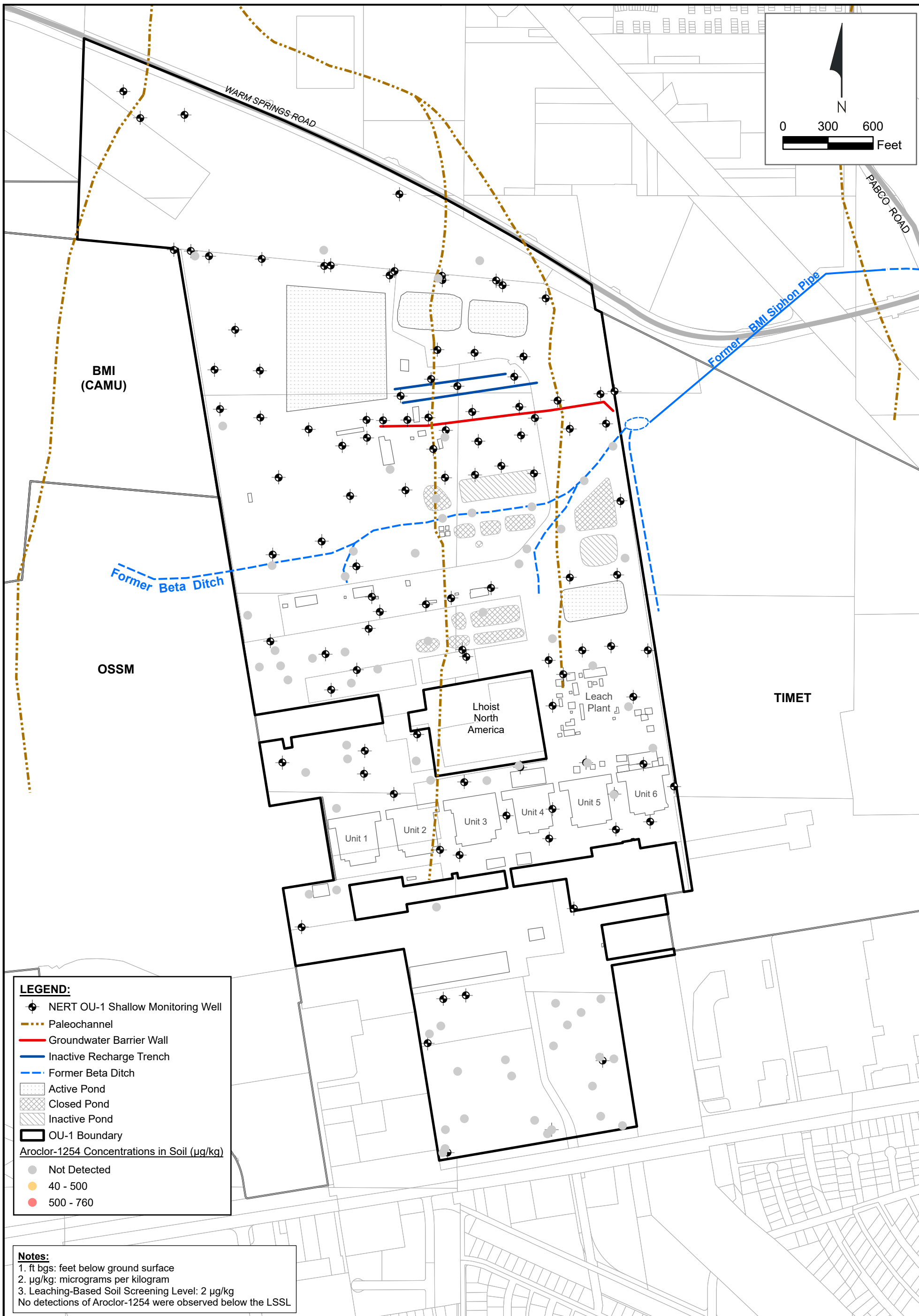
7-40a



Aroclor-1254 in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-40b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-40b Aroclor-1254 0 - 10



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1254 Concentrations in Soil (µg/kg)

- Not Detected
- 40 - 500
- 500 - 760

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 2 µg/kg

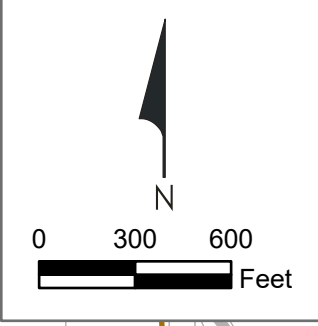
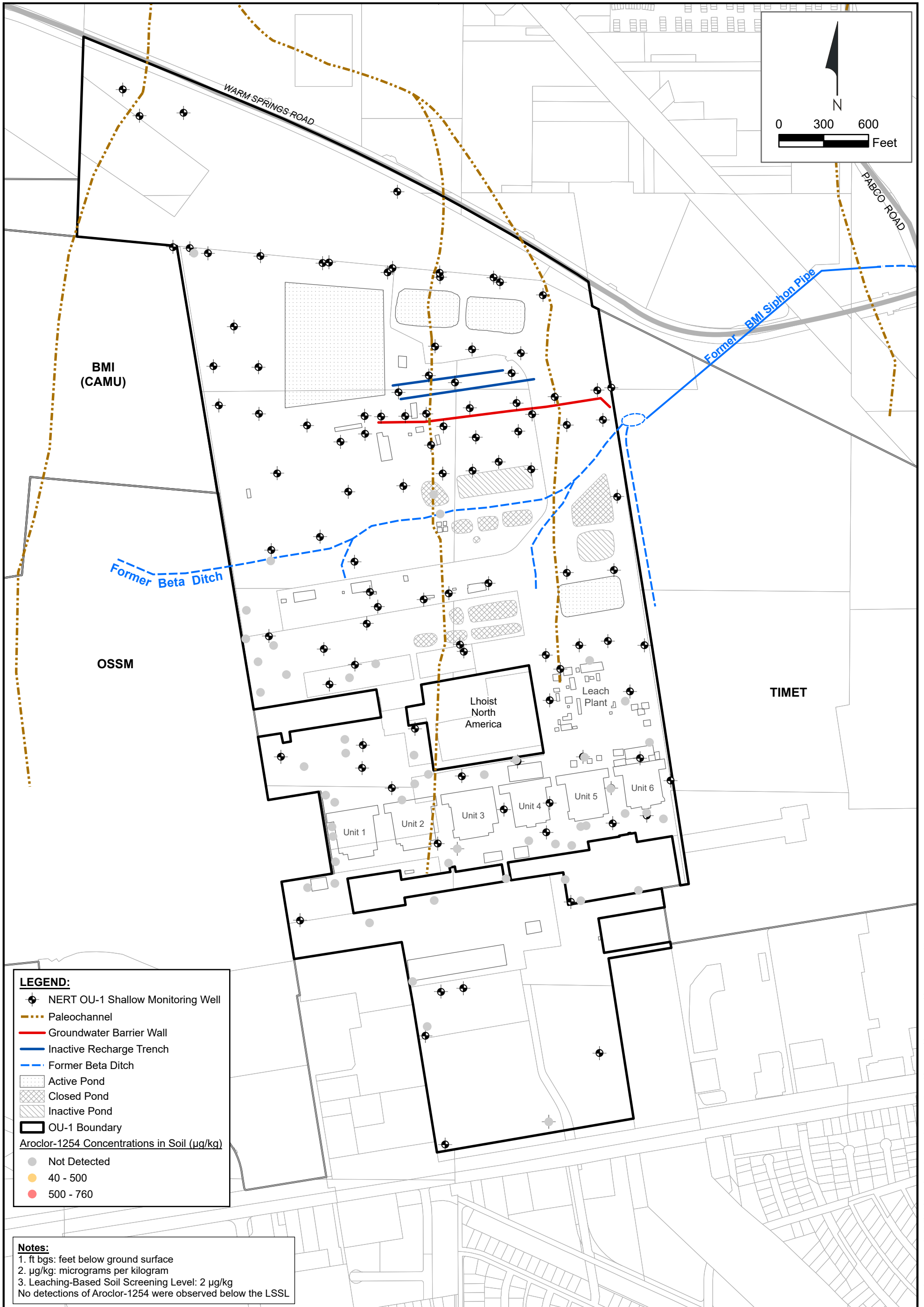
No detections of Aroclor-1254 were observed below the LSSL



Aroclor-1254 in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-40c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-40c Aroclor-1254 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1254 Concentrations in Soil (µg/kg)

- Not Detected
- 40 - 500
- 500 - 760

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 2 µg/kg

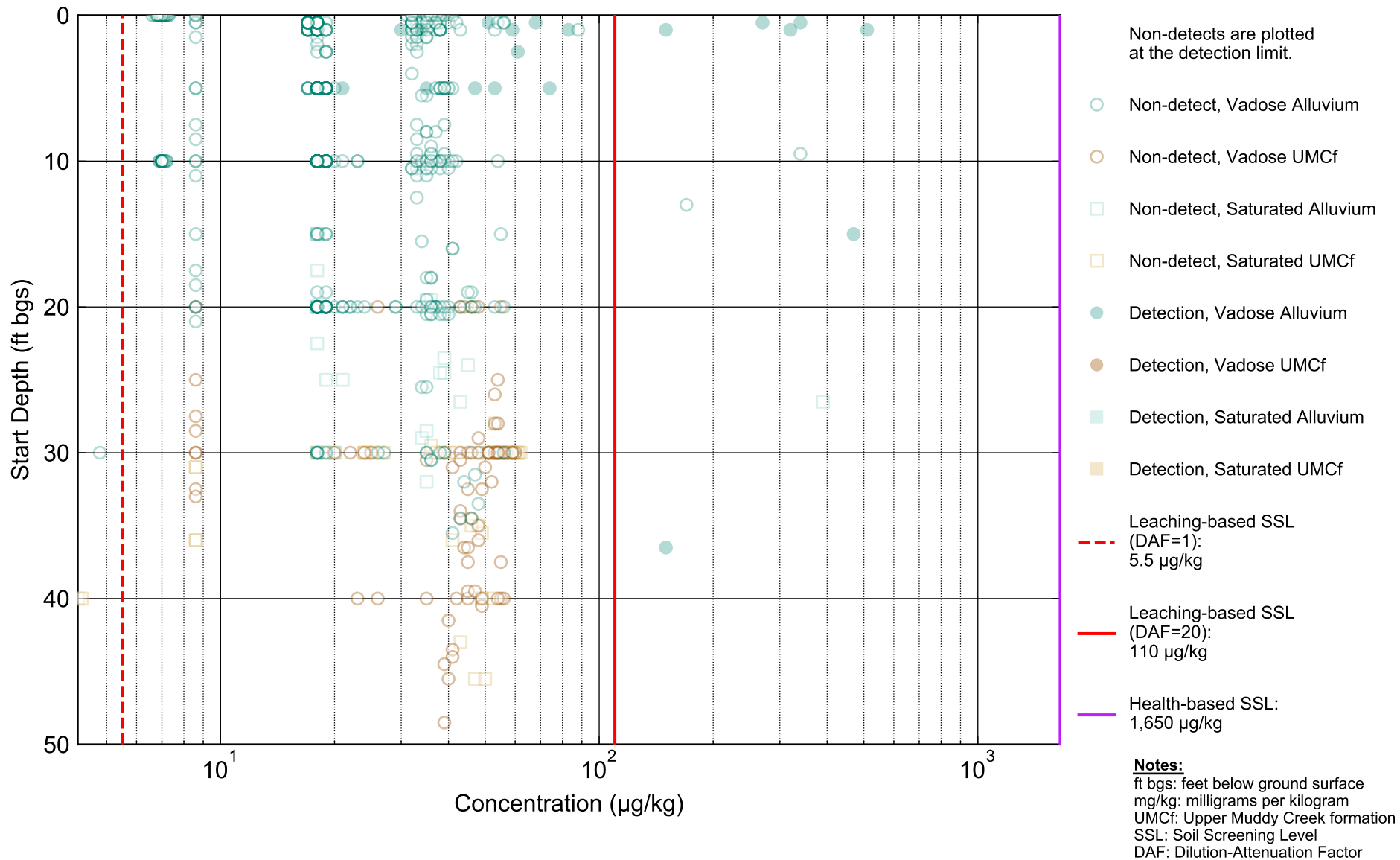
No detections of Aroclor-1254 were observed below the LSSL



Aroclor-1254 in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-40d

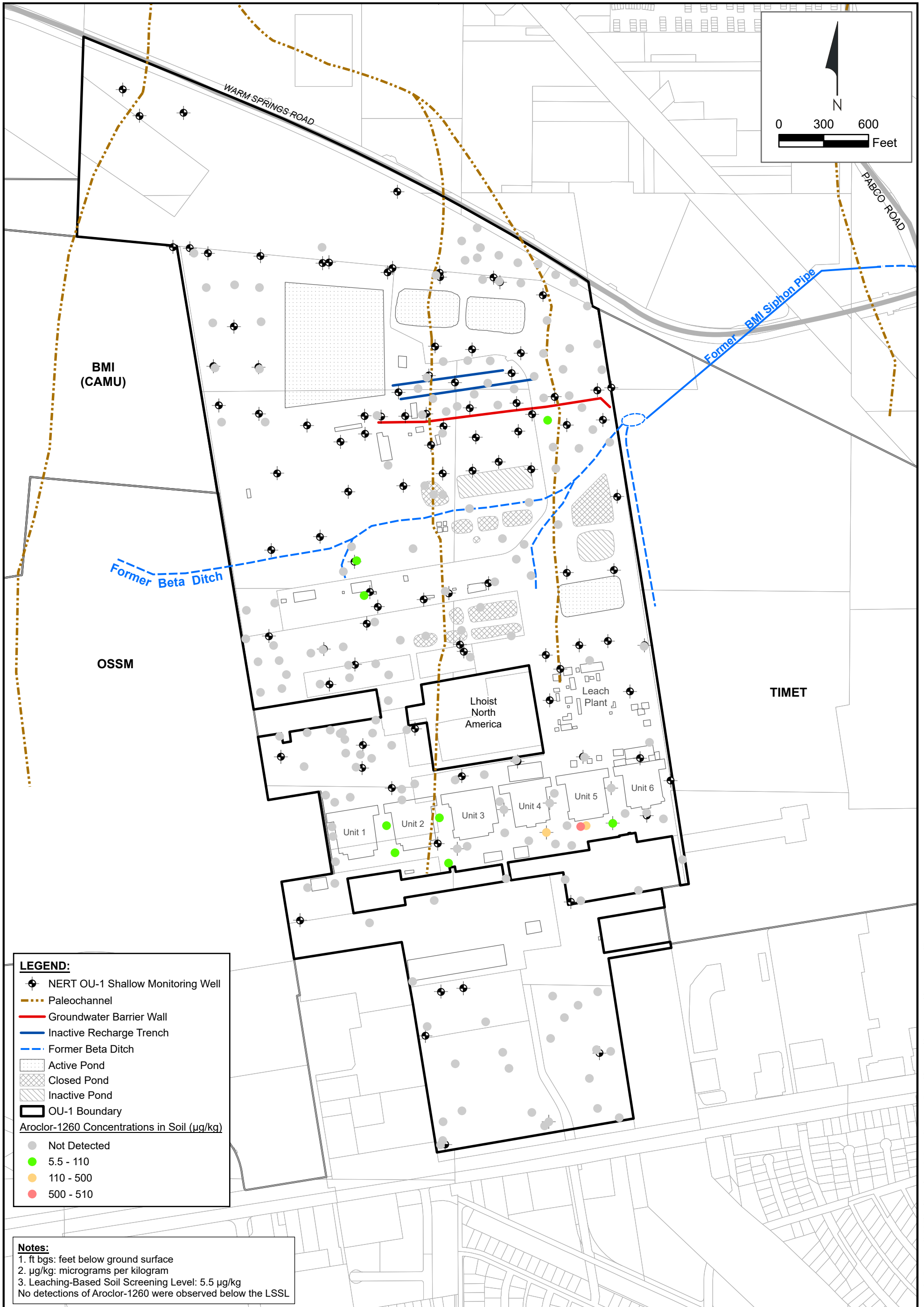
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-40d Aroclor-1254 30 - 50



OU-1 Aroclor-1260 Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-41a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1260 Concentrations in Soil (µg/kg)

- Not Detected
- 5.5 - 110
- 110 - 500
- 500 - 510

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 5.5 µg/kg

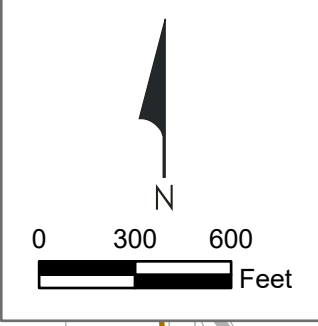
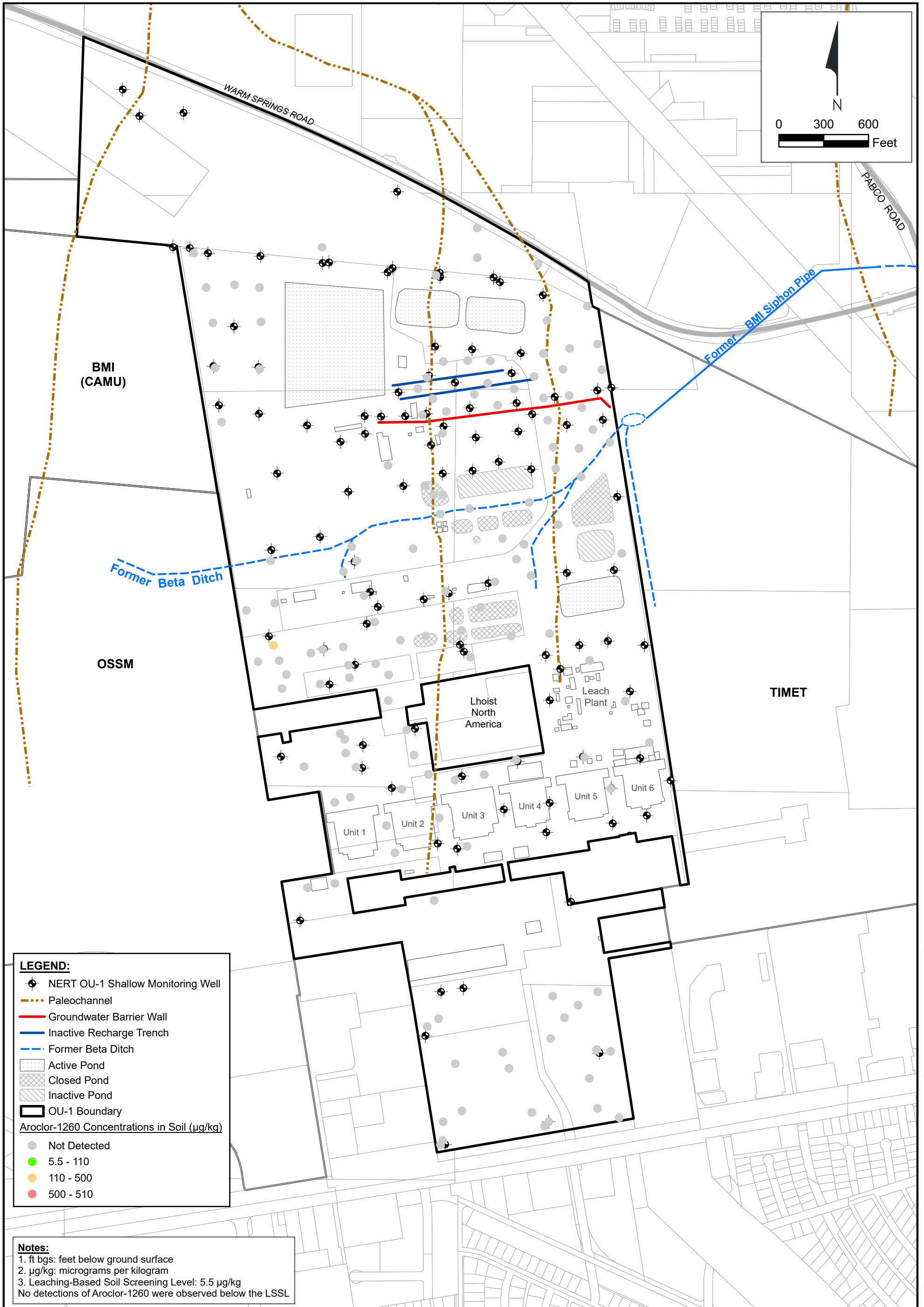
No detections of Aroclor-1260 were observed below the LSSL



Aroclor-1260 in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-41b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-41b Aroclor-1260 0 - 10



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- Active Pond
- Closed Pond
- Inactive Pond
- OU-1 Boundary

Aroclor-1260 Concentrations in Soil (µg/kg)

- Not Detected
- 5.5 - 110
- 110 - 500
- 500 - 510

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 5.5 µg/kg

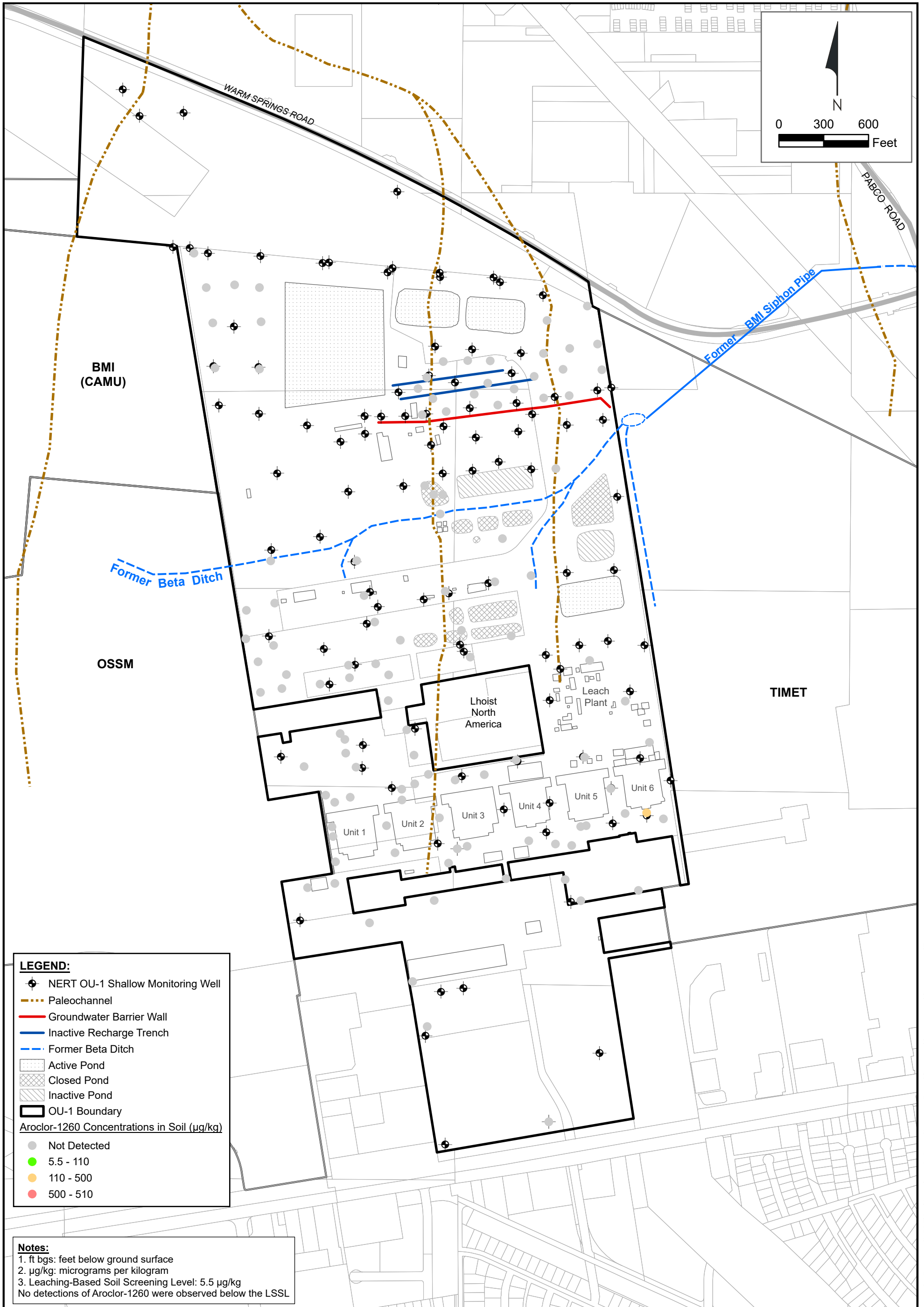
No detections of Aroclor-1260 were observed below the LSSL



Aroclor-1260 in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-41c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-41c Aroclor-1260 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Aroclor-1260 Concentrations in Soil (µg/kg)

- Not Detected
- 5.5 - 110
- 110 - 500
- 500 - 510

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 5.5 µg/kg

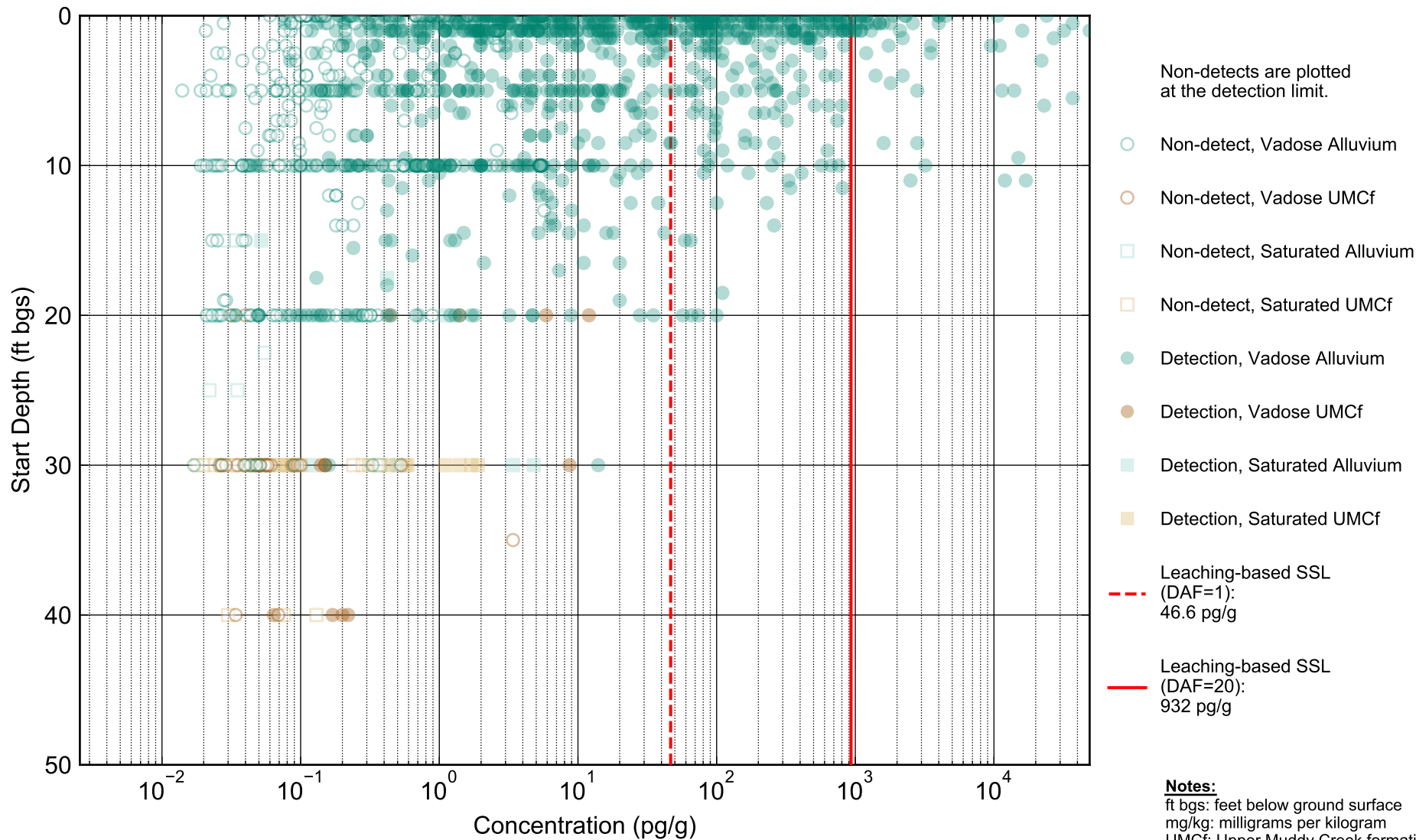
No detections of Aroclor-1260 were observed below the LSSL



Aroclor-1260 in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-41d

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-41d Aroclor-1260 30 - 50



Non-detects are plotted at the detection limit.

- Non-detect, Vadose Alluvium
- Non-detect, Vadose UMCf
- Non-detect, Saturated Alluvium
- Non-detect, Saturated UMCf
- Detection, Vadose Alluvium
- Detection, Vadose UMCf
- Detection, Saturated Alluvium
- Detection, Saturated UMCf
- - - Leaching-based SSL (DAF=1): 46.6 pg/g
- Leaching-based SSL (DAF=20): 932 pg/g

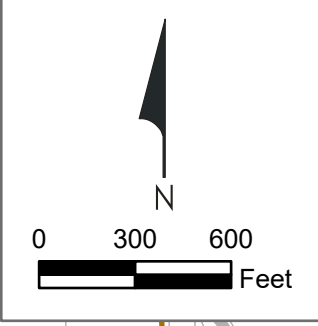
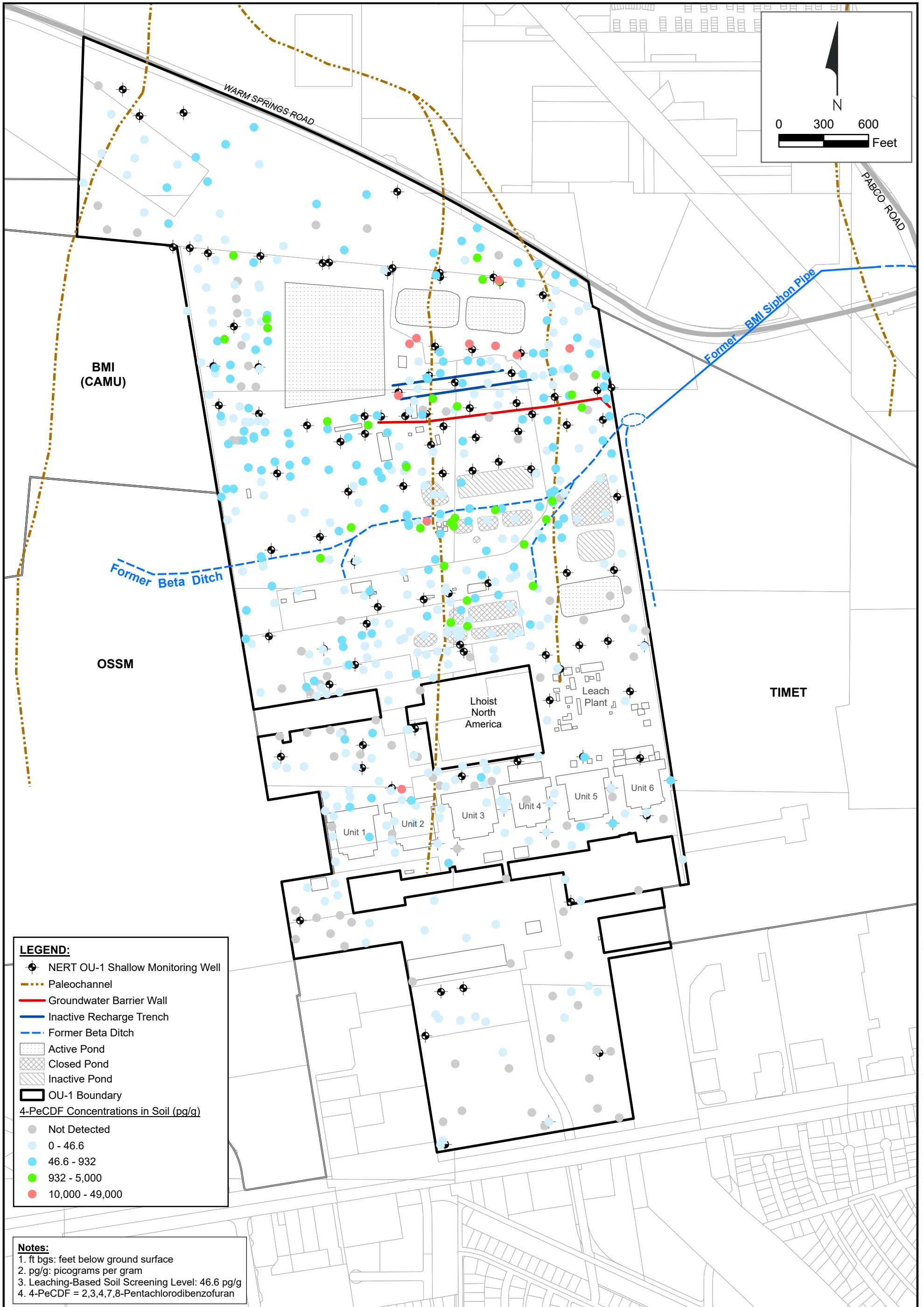
Notes:
 ft bgs: feet below ground surface
 mg/kg: milligrams per kilogram
 UMCf: Upper Muddy Creek formation
 SSL: Soil Screening Level
 DAF: Dilution-Attenuation Factor



OU-1 2,3,4,7,8-Pentachlorodibenzofuran Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-42a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

4-PeCDF Concentrations in Soil (pg/g)

- Not Detected
- 0 - 46.6
- 46.6 - 932
- 932 - 5,000
- 10,000 - 49,000

Notes:

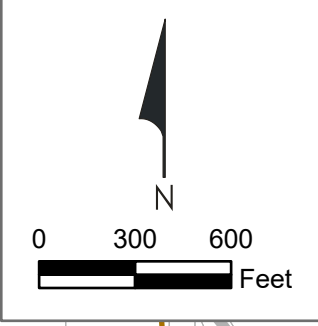
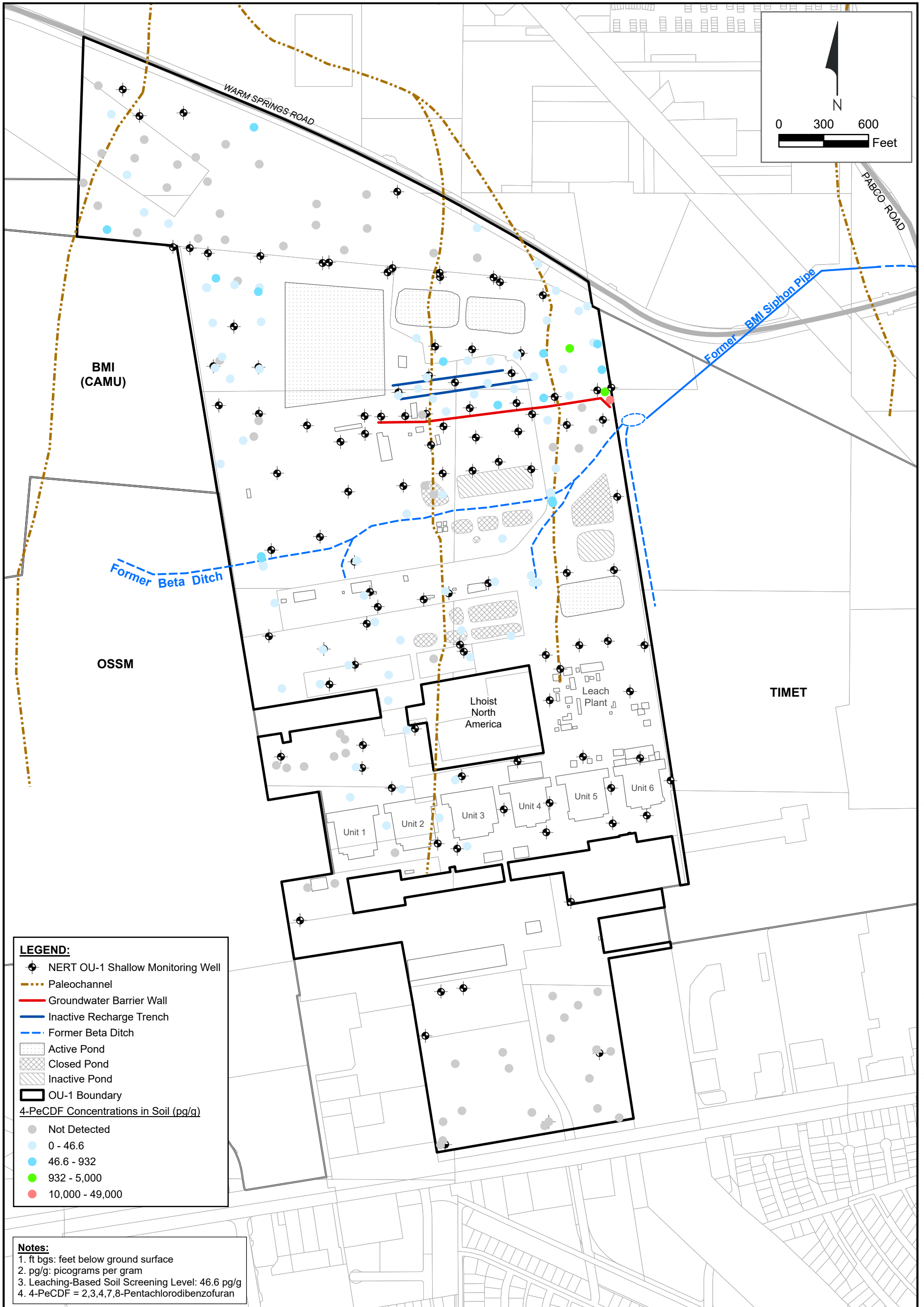
1. ft bgs: feet below ground surface
2. pg/g: picograms per gram
3. Leaching-Based Soil Screening Level: 46.6 pg/g
4. 4-PeCDF = 2,3,4,7,8-Pentachlorodibenzofuran



2,3,4,7,8-Pentachlorodibenzofuran in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-42b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-42b 2,3,4,7,8-Pentachlorodibenzofuran 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

4-PeCDF Concentrations in Soil (pg/g)

- Not Detected
- 0 - 46.6
- 46.6 - 932
- 932 - 5,000
- 10,000 - 49,000

Notes:

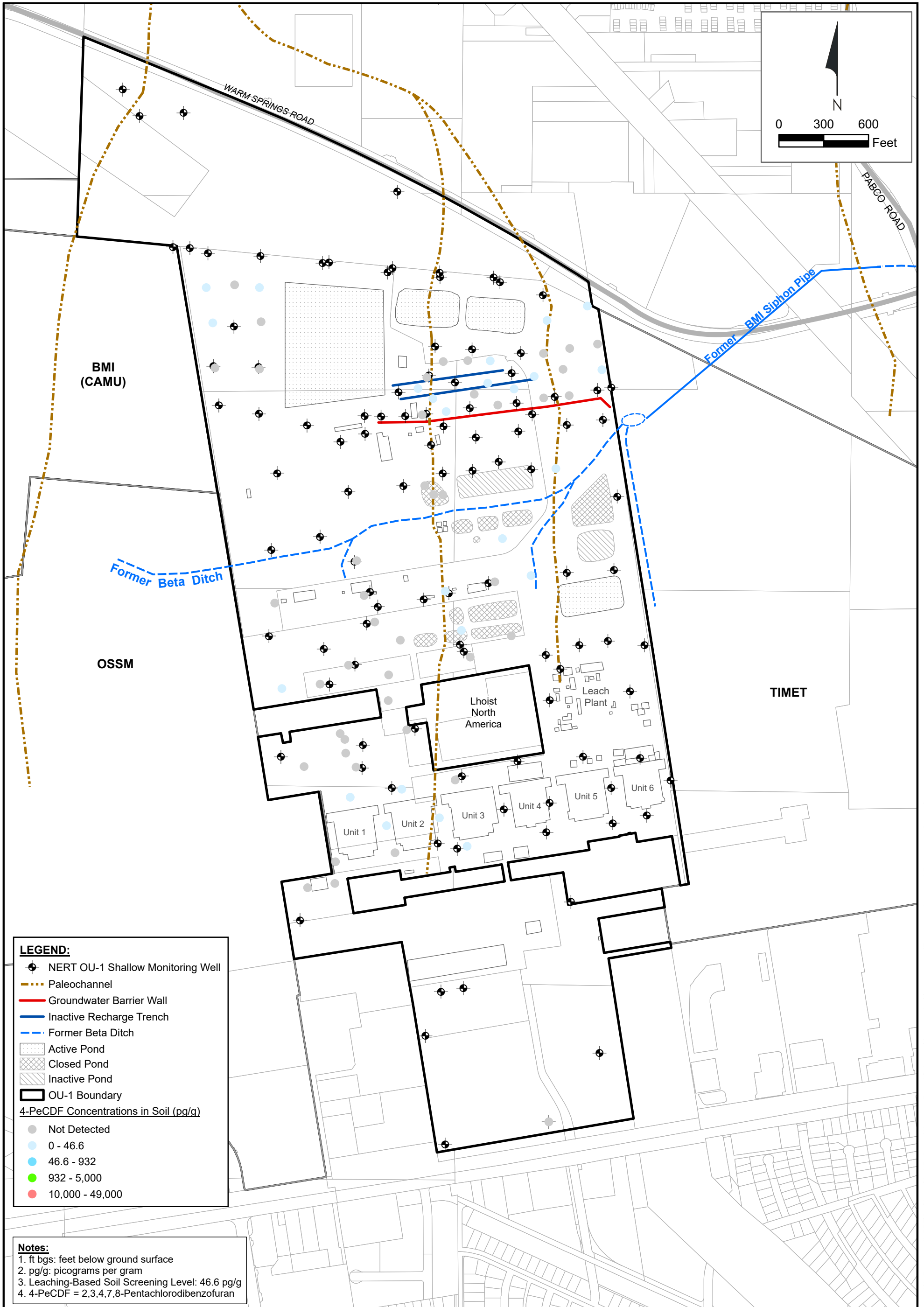
1. ft bgs: feet below ground surface
2. pg/g: picograms per gram
3. Leaching-Based Soil Screening Level: 46.6 pg/g
4. 4-PeCDF = 2,3,4,7,8-Pentachlorodibenzofuran



2,3,4,7,8-Pentachlorodibenzofuran in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-42c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-42c 2,3,4,7,8-Pentachlorodibenzofuran 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▨ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

4-PeCDF Concentrations in Soil (pg/g)

- Not Detected
- 0 - 46.6
- 46.6 - 932
- 932 - 5,000
- 10,000 - 49,000

Notes:

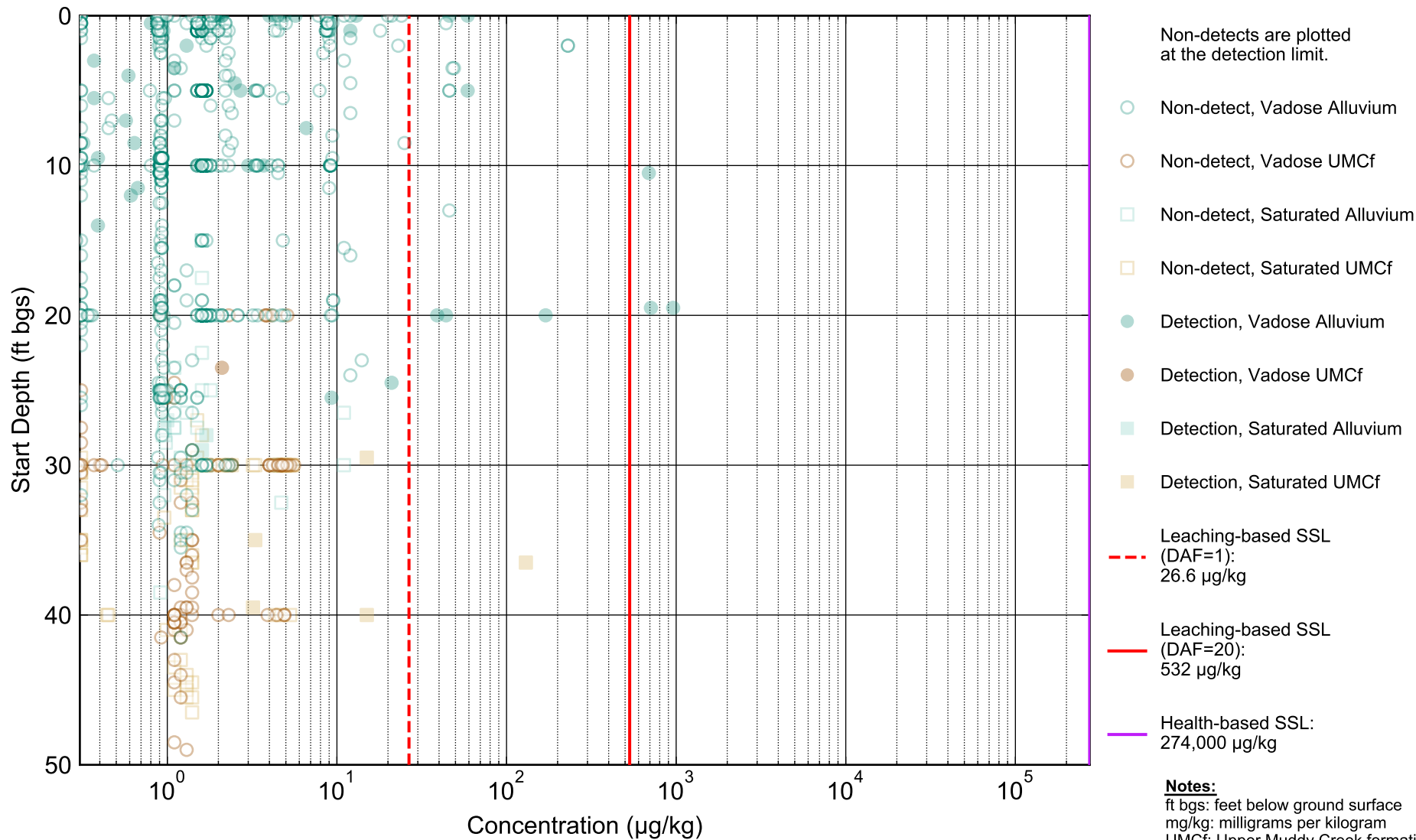
1. ft bgs: feet below ground surface
2. pg/g: picograms per gram
3. Leaching-Based Soil Screening Level: 46.6 pg/g
4. 4-PeCDF = 2,3,4,7,8-Pentachlorodibenzofuran



2,3,4,7,8-Pentachlorodibenzofuran in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-42d

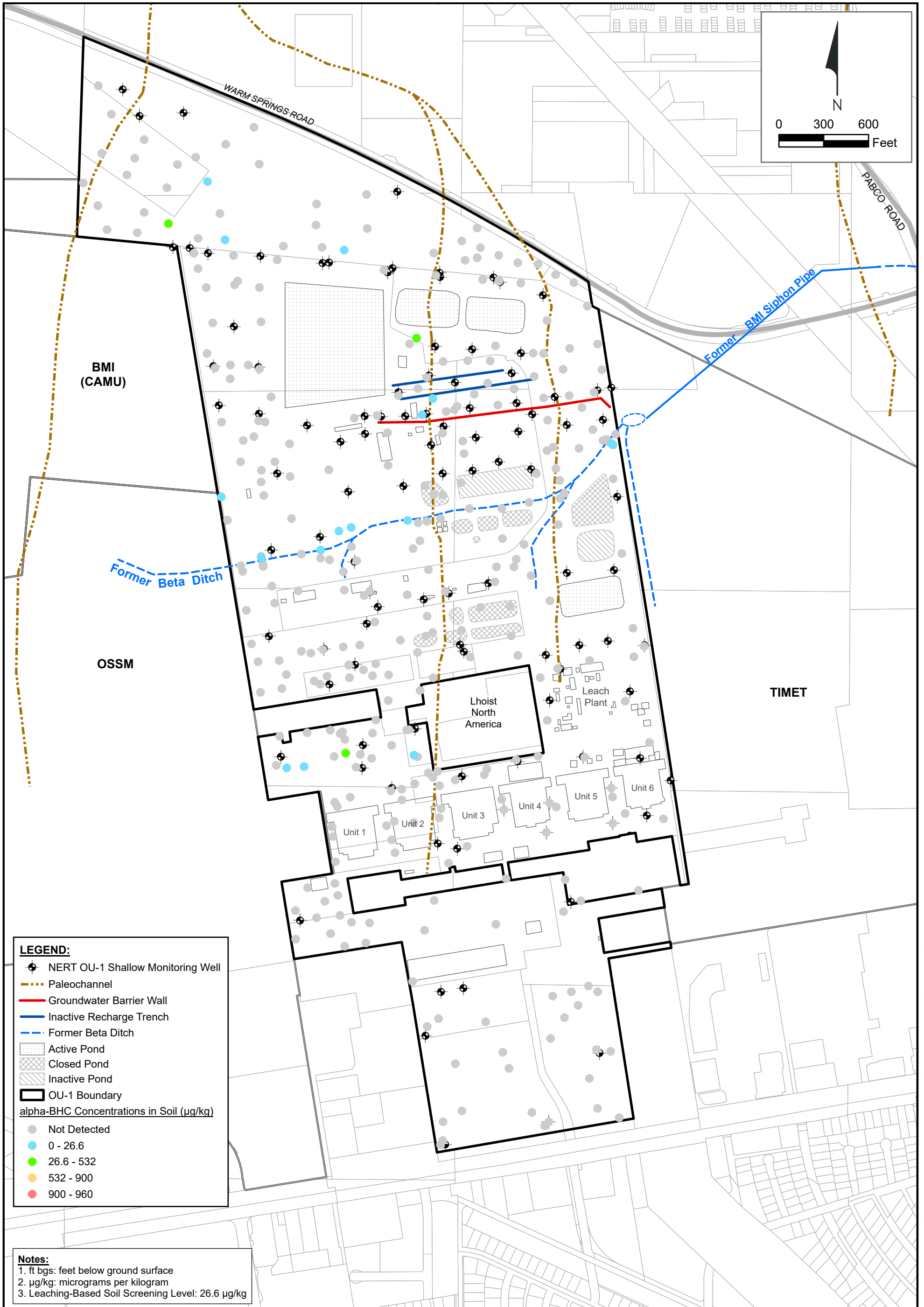
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-42d 2,3,4,7,8-Pentachlorodibenzofuran 30 - 50



OU-1 alpha-BHC Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-43a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

alpha-BHC Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 26.6
- 26.6 - 532
- 532 - 900
- 900 - 960

Notes:

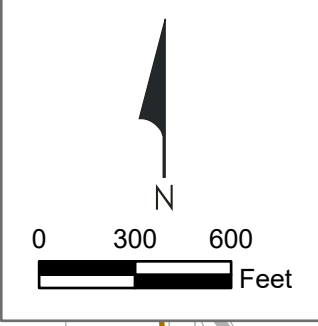
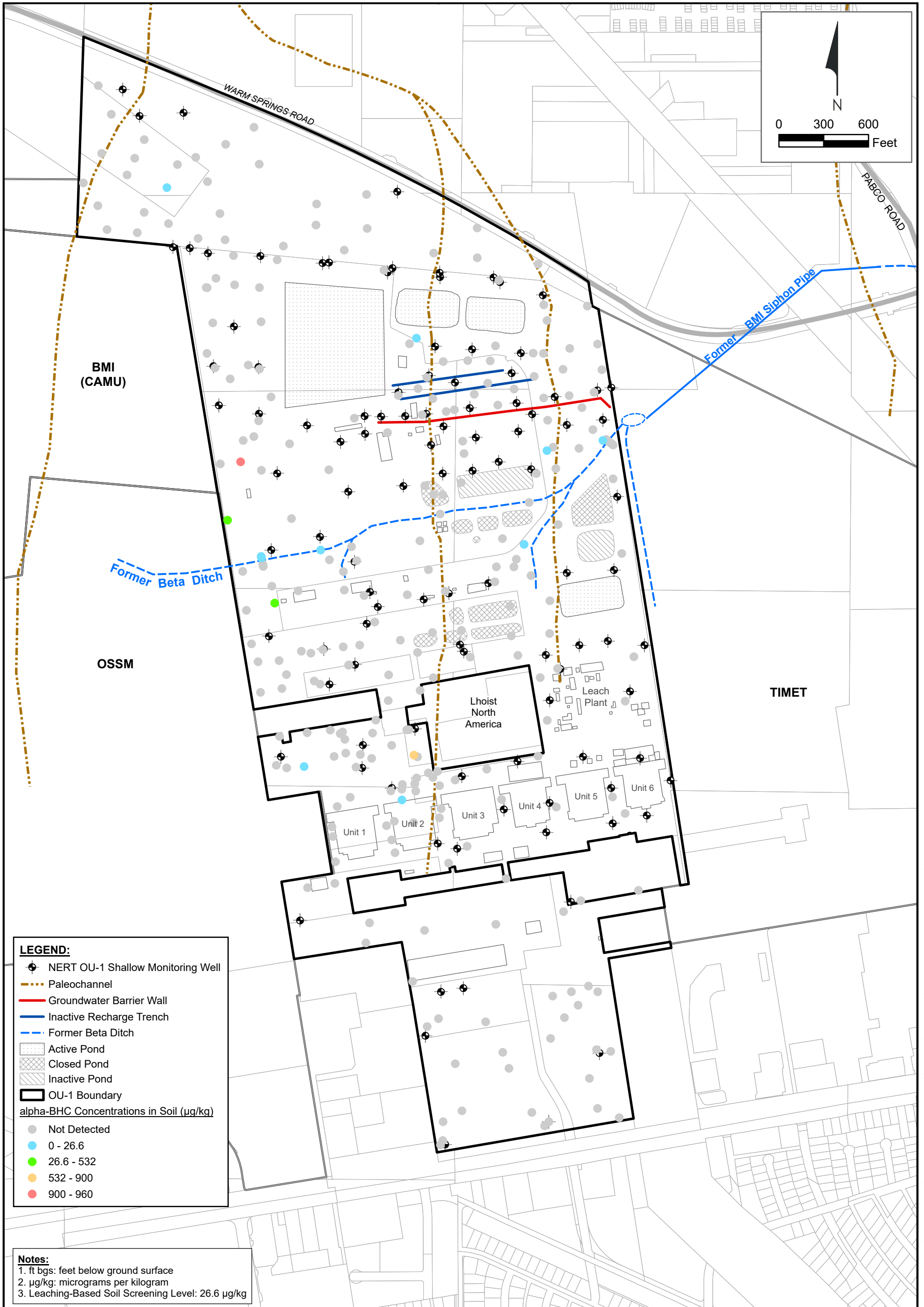
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 26.6 µg/kg



alpha-BHC in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-43b

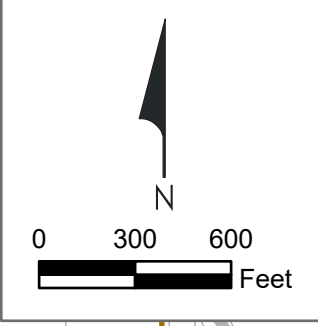
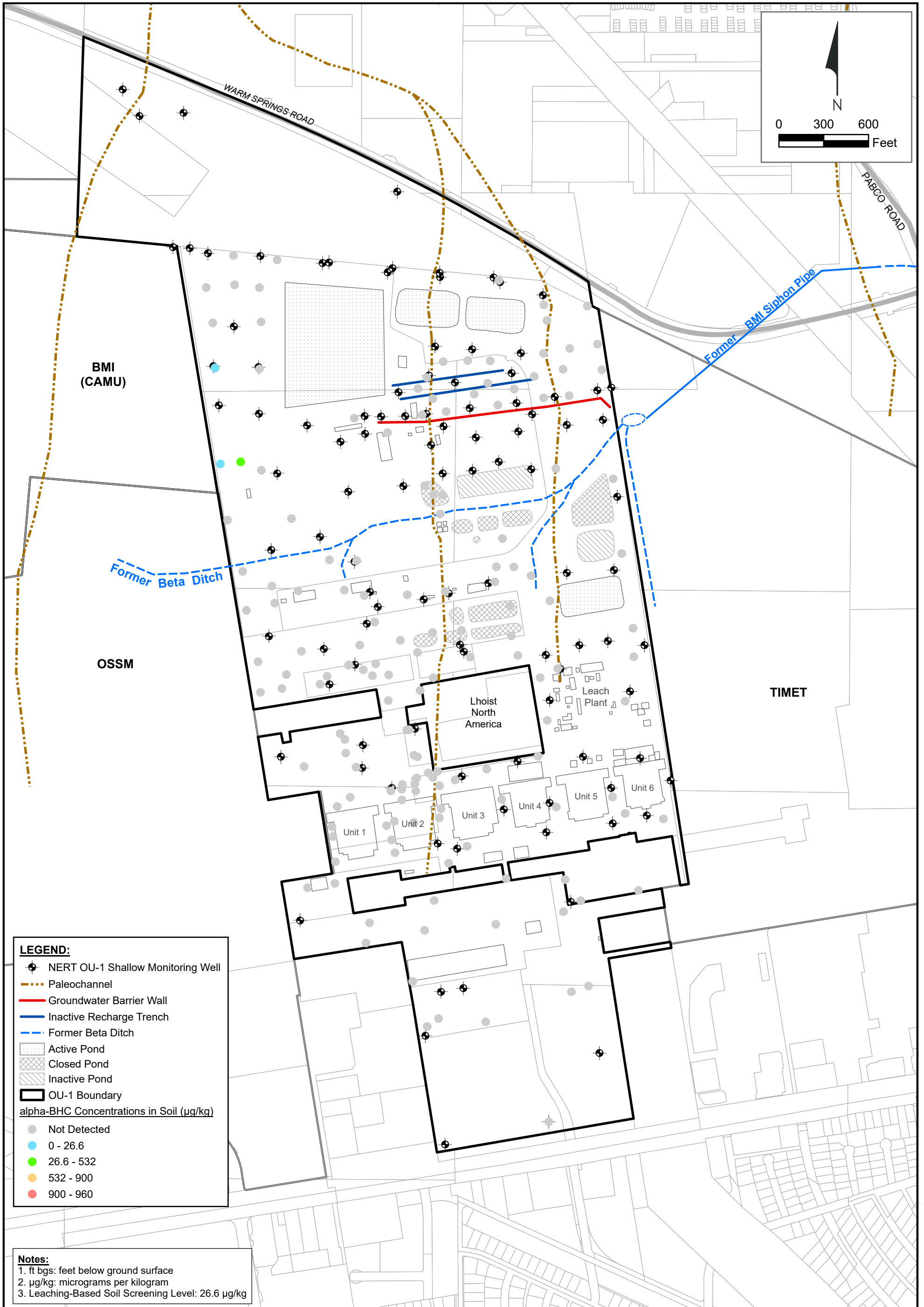
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-43b alpha-BHC 0 - 10



alpha-BHC in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-43c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-43c alpha-BHC 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

alpha-BHC Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 26.6
- 26.6 - 532
- 532 - 900
- 900 - 960

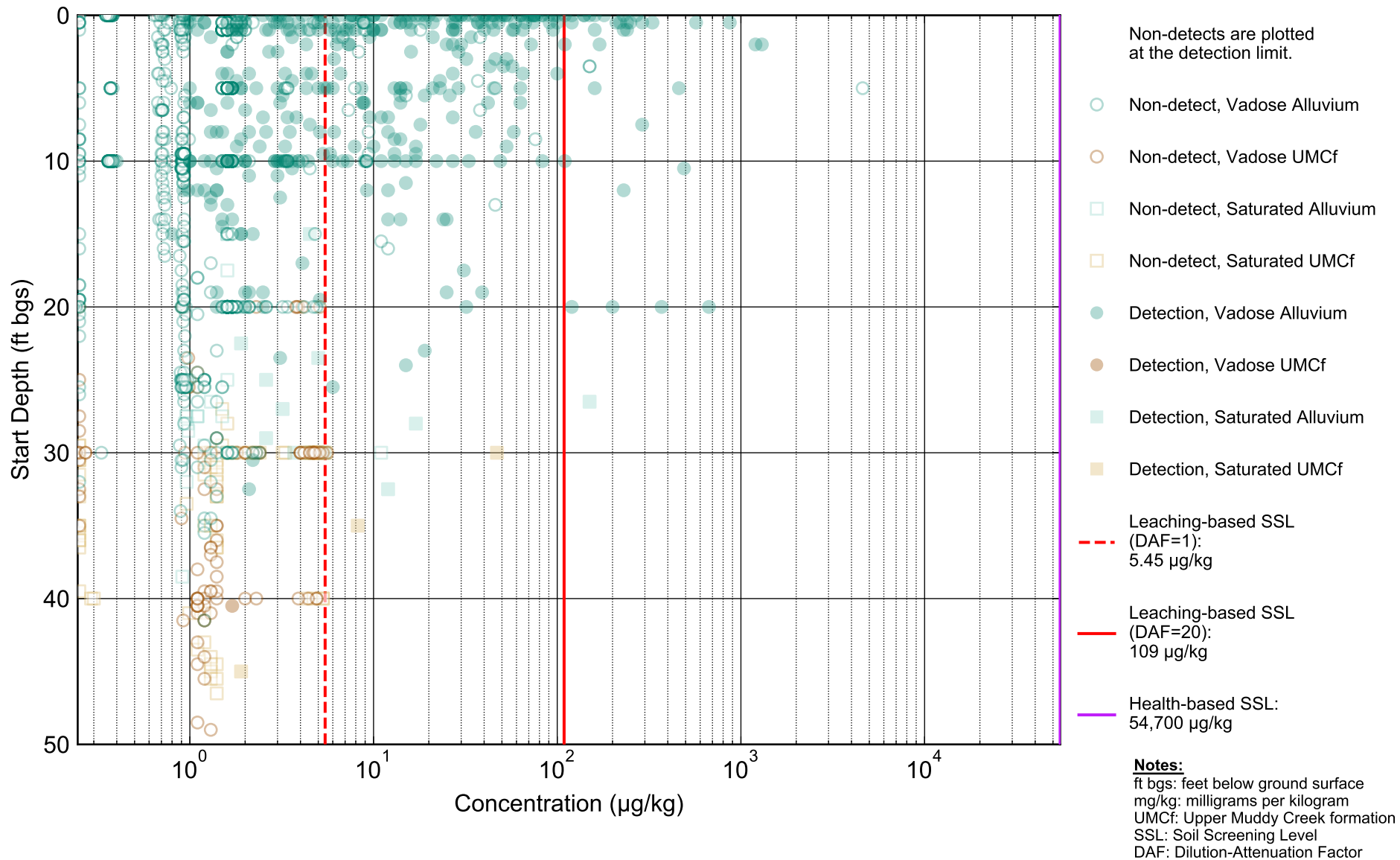
Notes:
 1. ft bgs: feet below ground surface
 2. µg/kg: micrograms per kilogram
 3. Leaching-Based Soil Screening Level: 26.6 µg/kg



alpha-BHC in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-43d

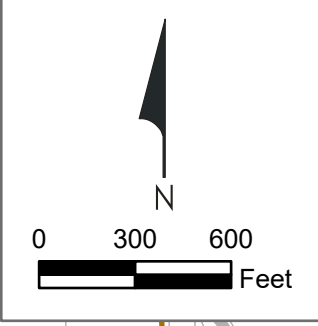
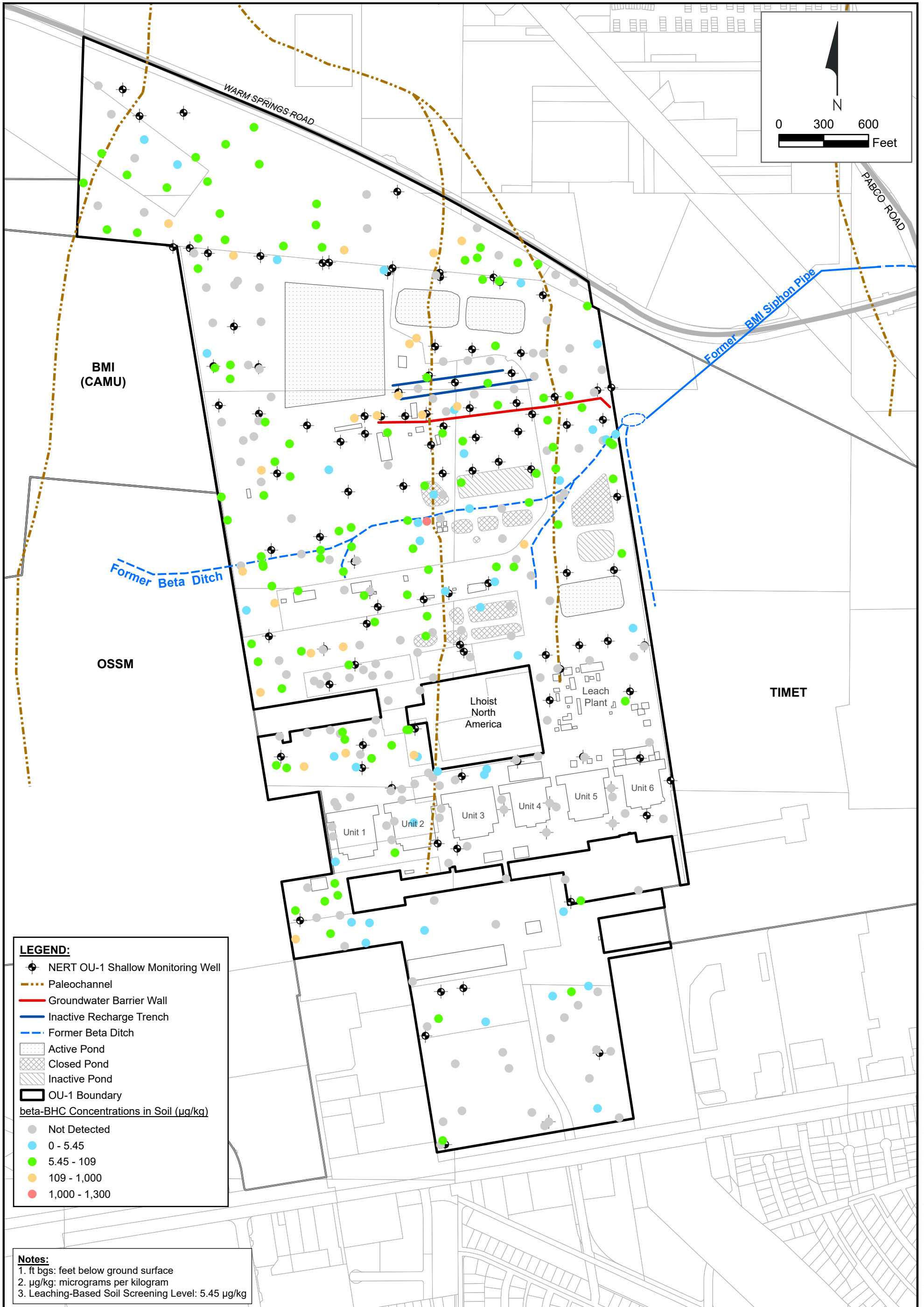
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-43d alpha-BHC 30 - 50



OU-1 beta-BHC Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-44a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

beta-BHC Concentrations in Soil (µg/kg)

- Not Detected
- 0 - 5.45
- 5.45 - 109
- 109 - 1,000
- 1,000 - 1,300

Notes:

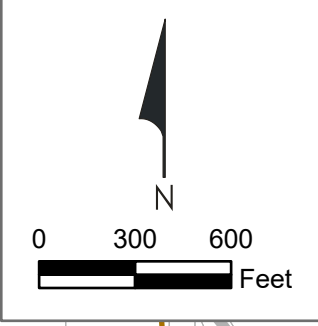
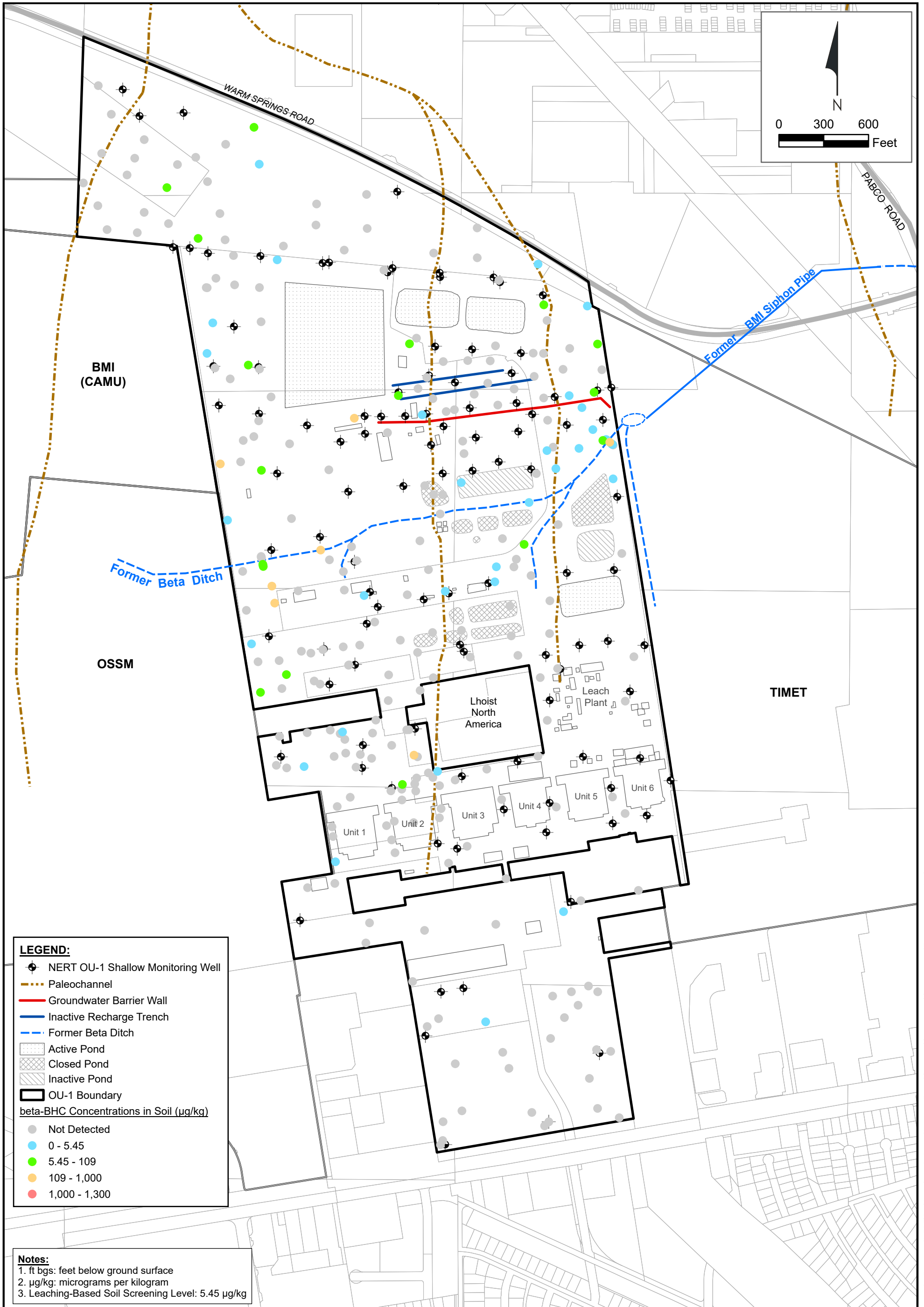
1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 5.45 µg/kg



beta-BHC in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-44b

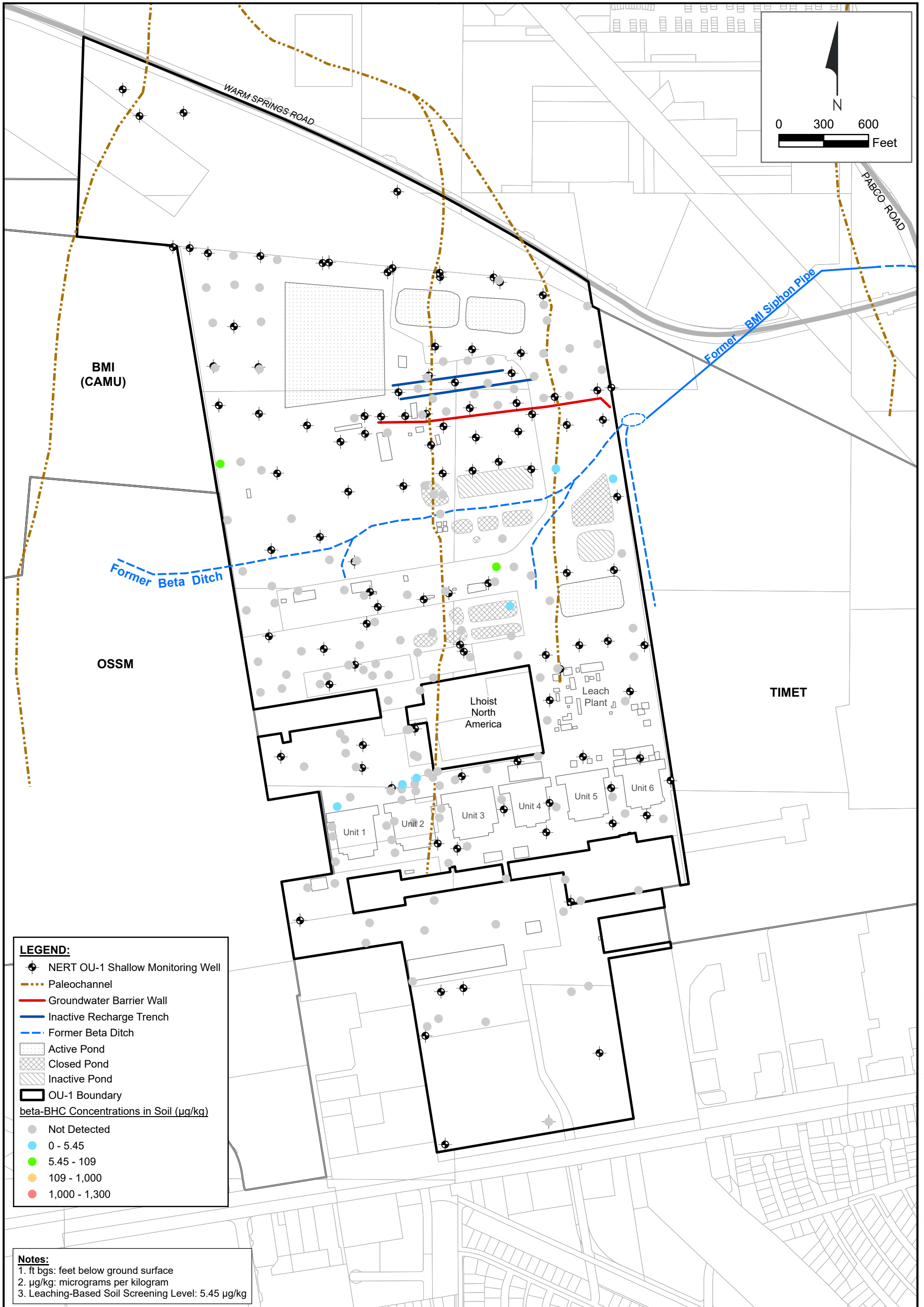
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-44b beta-BHC 0 - 10



beta-BHC in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-44c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-44c beta-BHC 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

beta-BHC Concentrations in Soil ($\mu\text{g}/\text{kg}$)

- Not Detected
- 0 - 5.45
- 5.45 - 109
- 109 - 1,000
- 1,000 - 1,300

Notes:

1. ft bgs: feet below ground surface
2. $\mu\text{g}/\text{kg}$: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 5.45 $\mu\text{g}/\text{kg}$

N

0 300 600

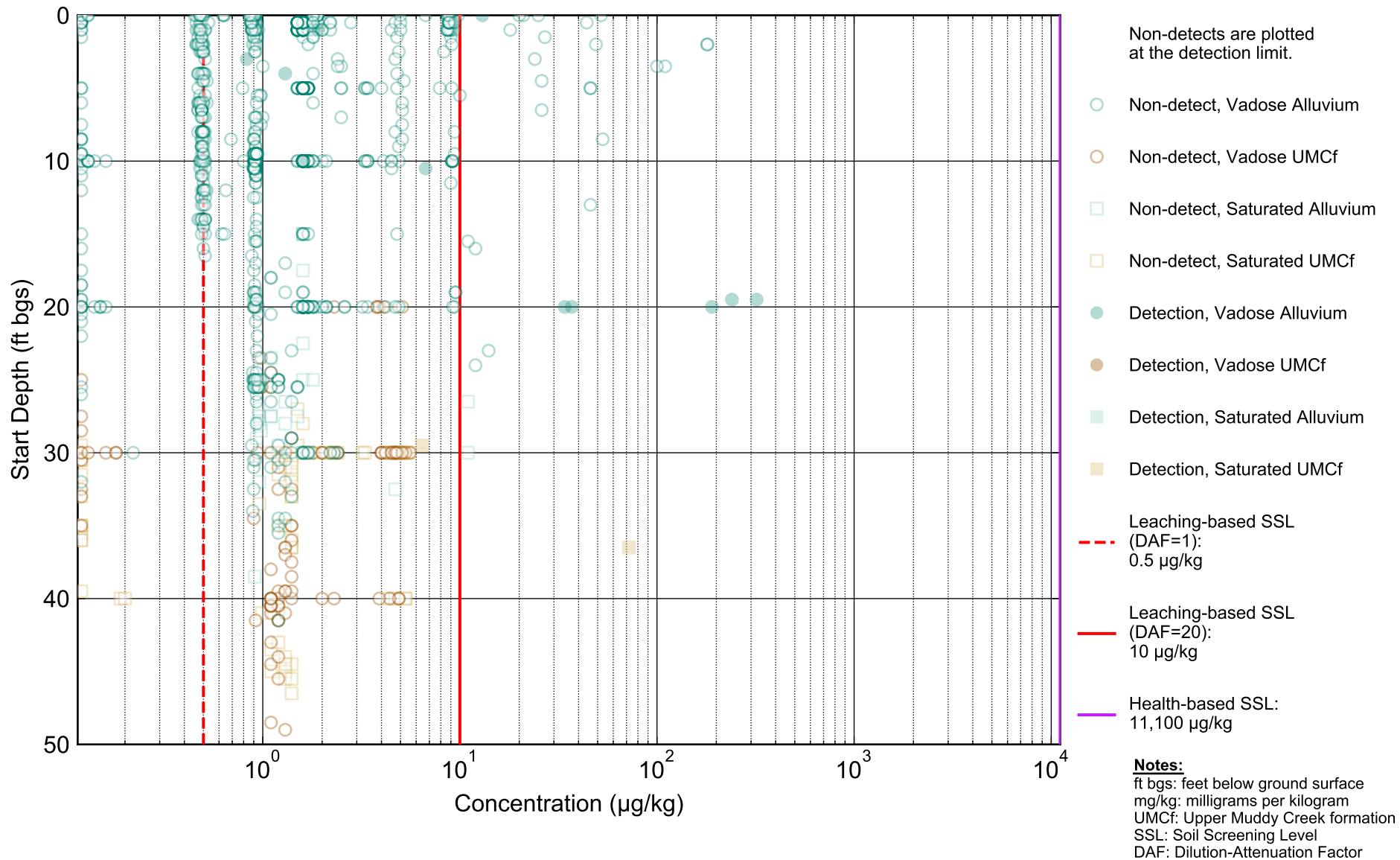
Feet



beta-BHC in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-44d

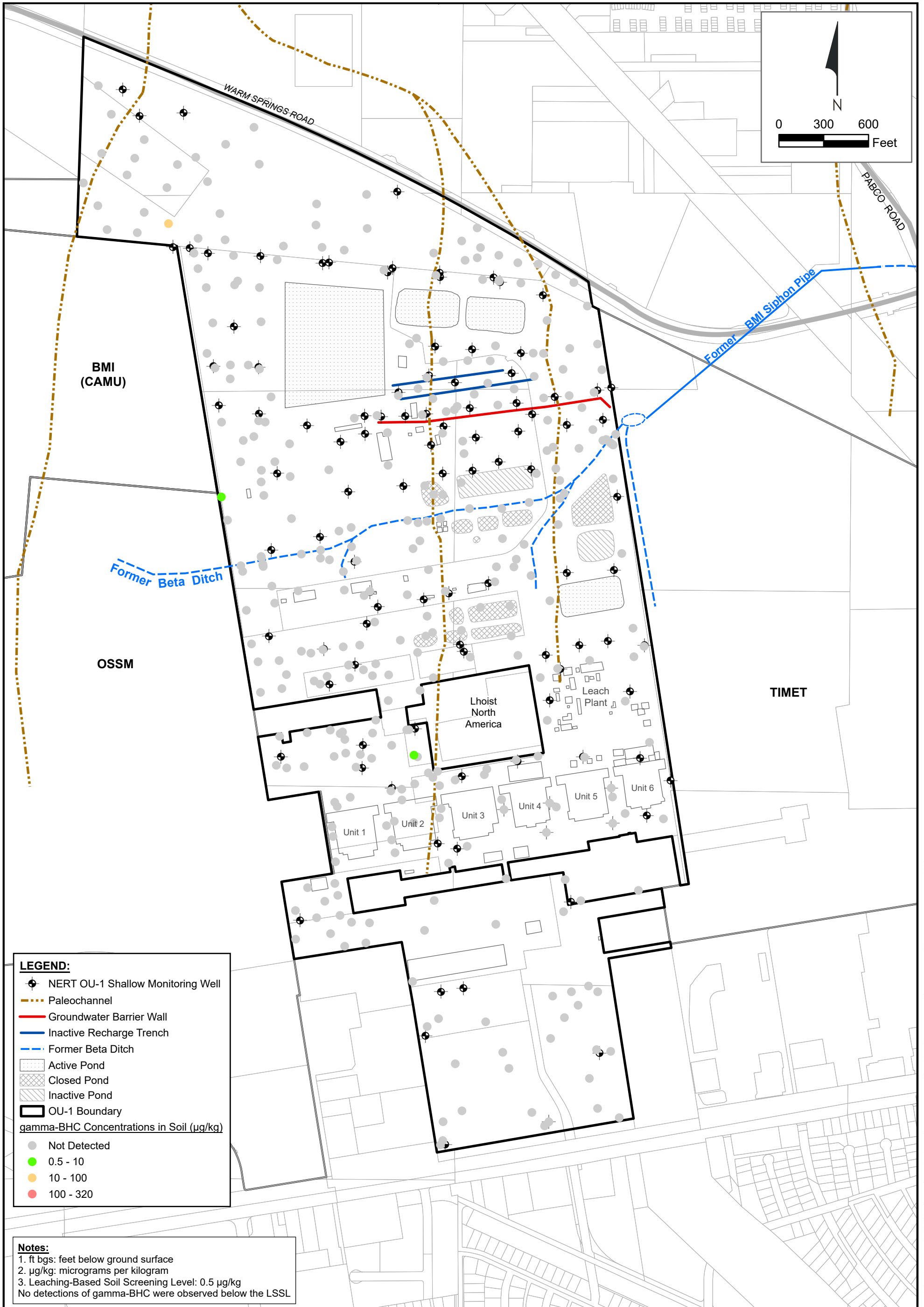
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-44d beta-BHC 30 - 50



OU-1 gamma-BHC Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-45a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

gamma-BHC Concentrations in Soil (µg/kg)

- Not Detected
- 0.5 - 10
- 10 - 100
- 100 - 320

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.5 µg/kg

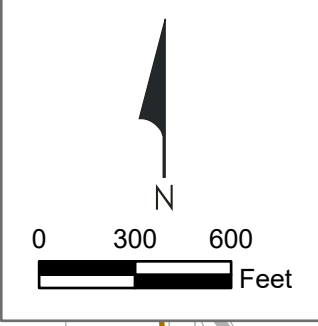
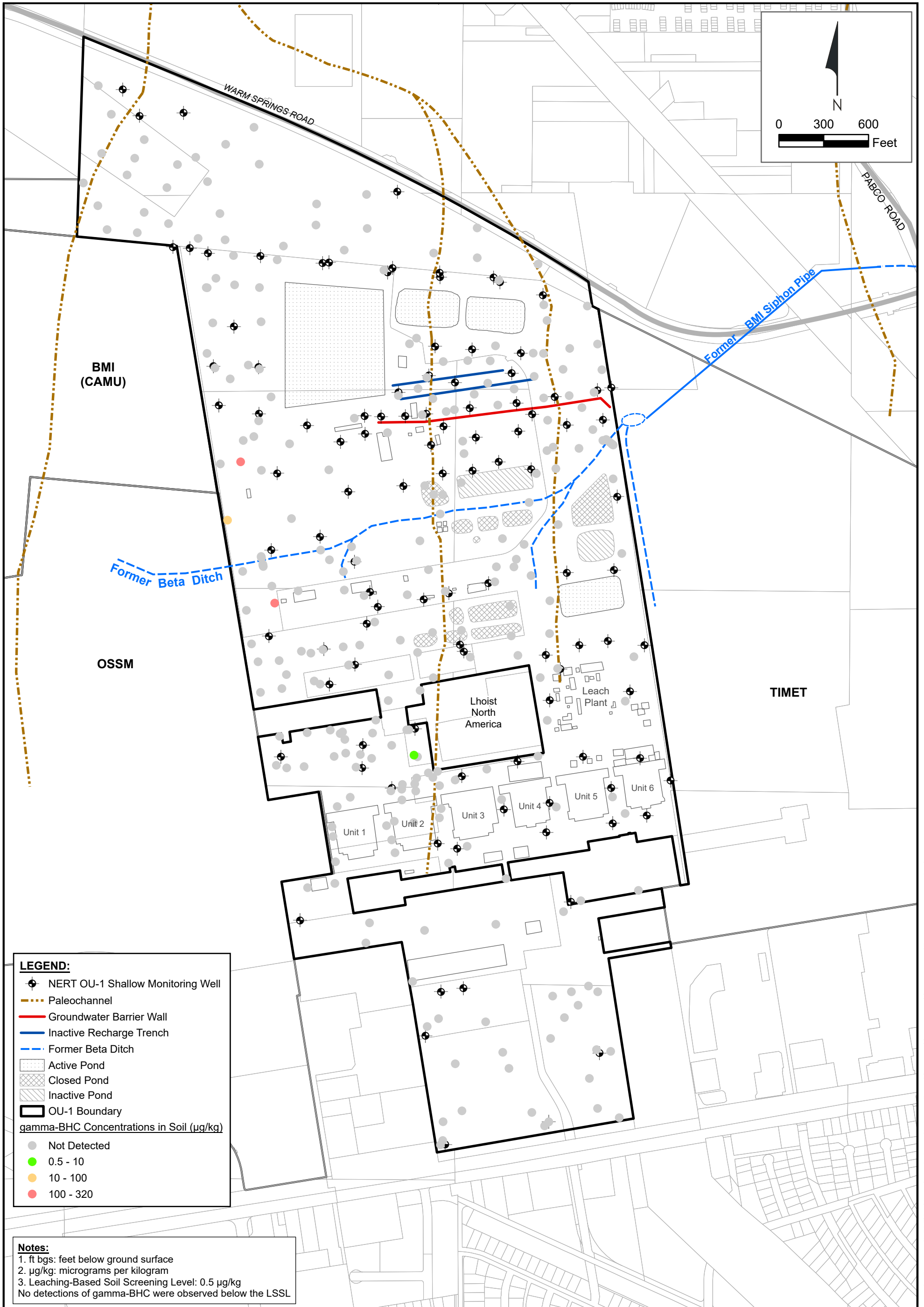
No detections of gamma-BHC were observed below the LSSL



gamma-BHC in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-45b

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-45b gamma-BHC 0 - 10



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▨ Inactive Pond
- ▭ OU-1 Boundary

gamma-BHC Concentrations in Soil (ug/kg)

- Not Detected
- 0.5 - 10
- 10 - 100
- 100 - 320

Notes:

1. ft bgs: feet below ground surface
2. ug/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.5 ug/kg

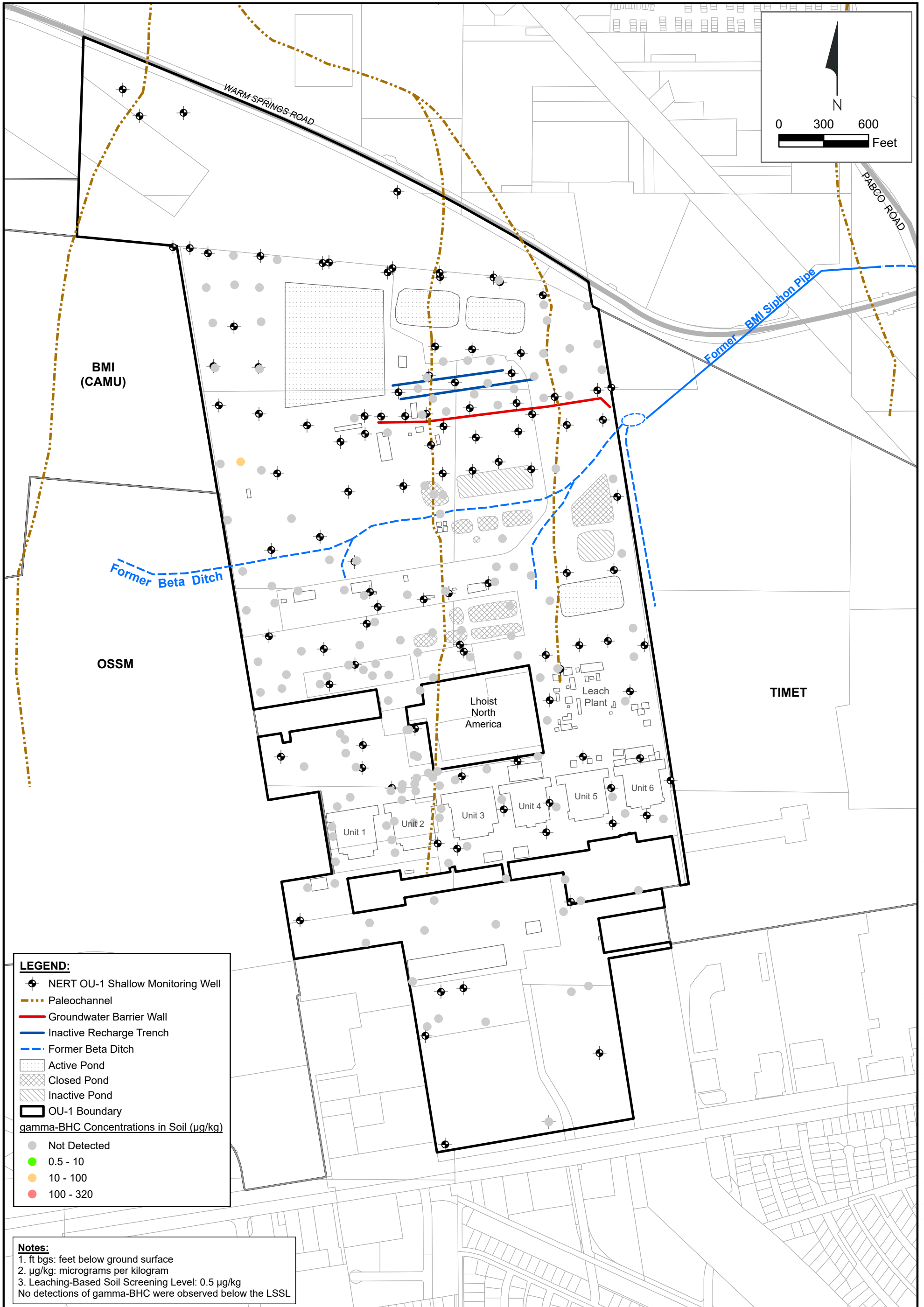
No detections of gamma-BHC were observed below the LSSL



gamma-BHC in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-45c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-45c gamma-BHC 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

gamma-BHC Concentrations in Soil (µg/kg)

- Not Detected
- 0.5 - 10
- 10 - 100
- 100 - 320

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.5 µg/kg

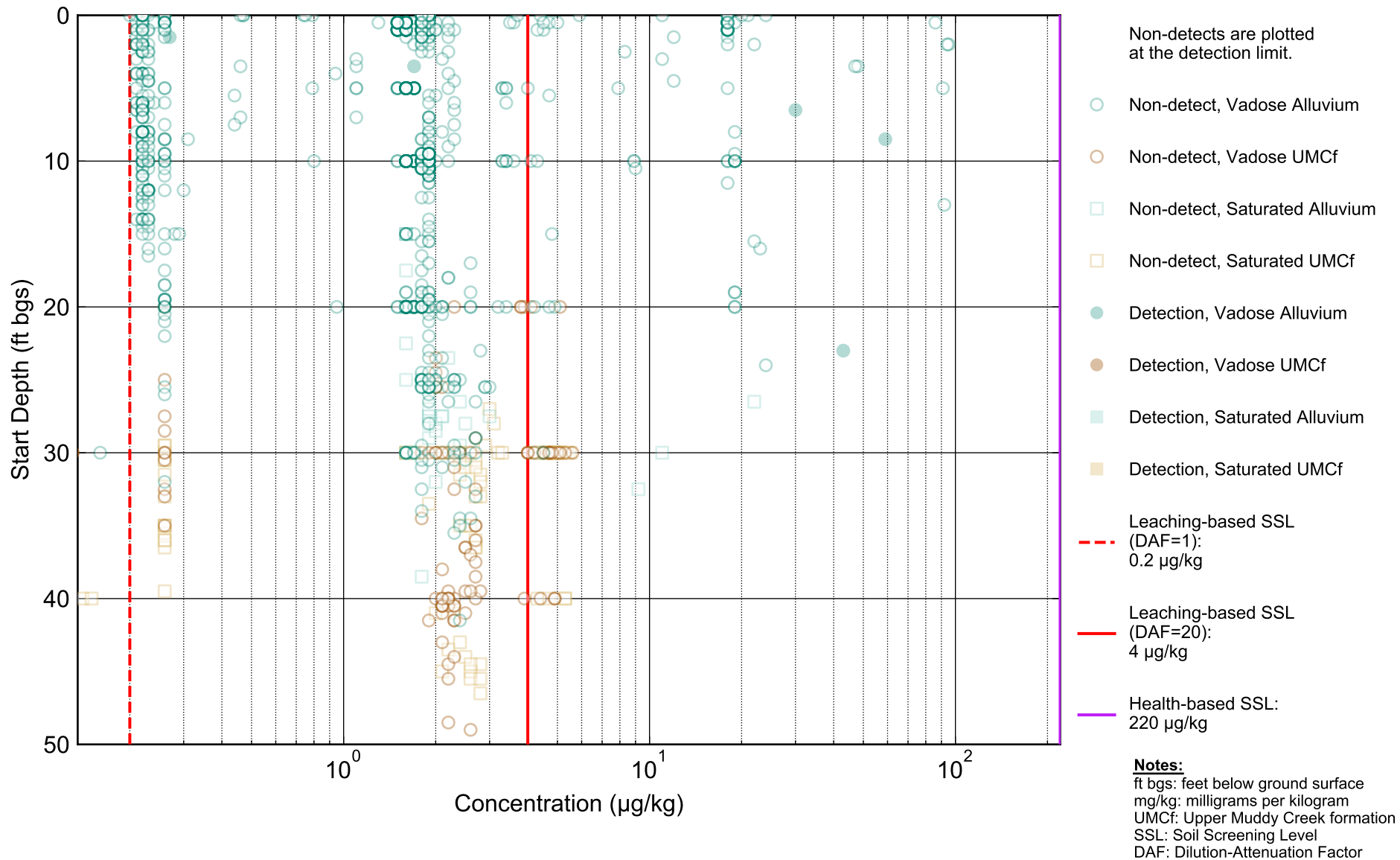
No detections of gamma-BHC were observed below the LSSL



gamma-BHC in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-45d

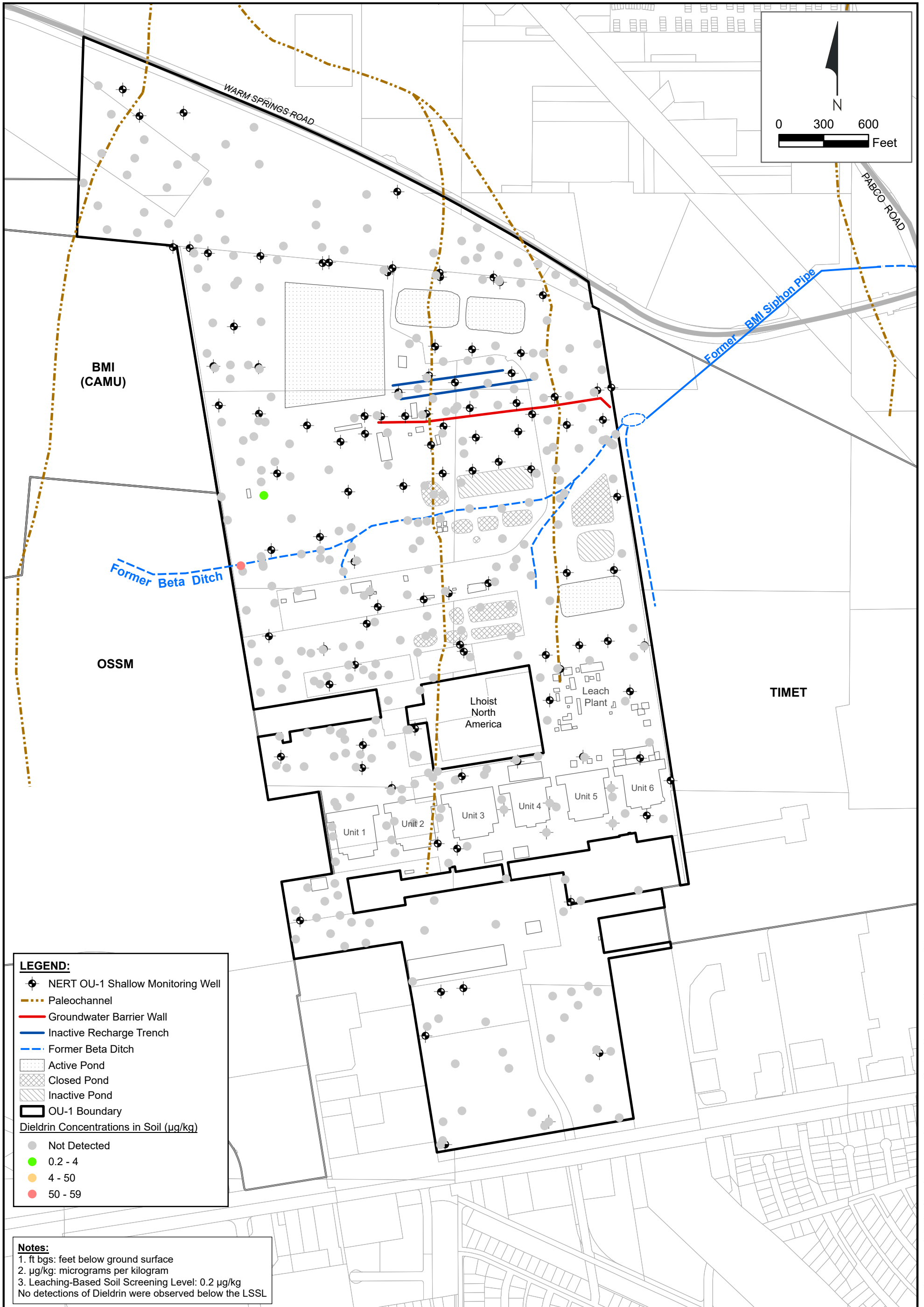
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-45d gamma-BHC 30 - 50



OU-1 Dieldrin Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

7-46a



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Dieldrin Concentrations in Soil (µg/kg)

- Not Detected
- 0.2 - 4
- 4 - 50
- 50 - 59

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.2 µg/kg

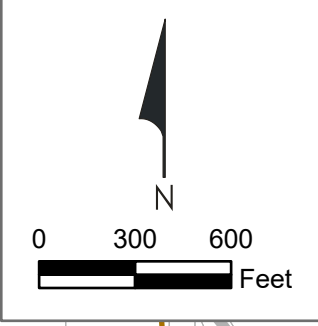
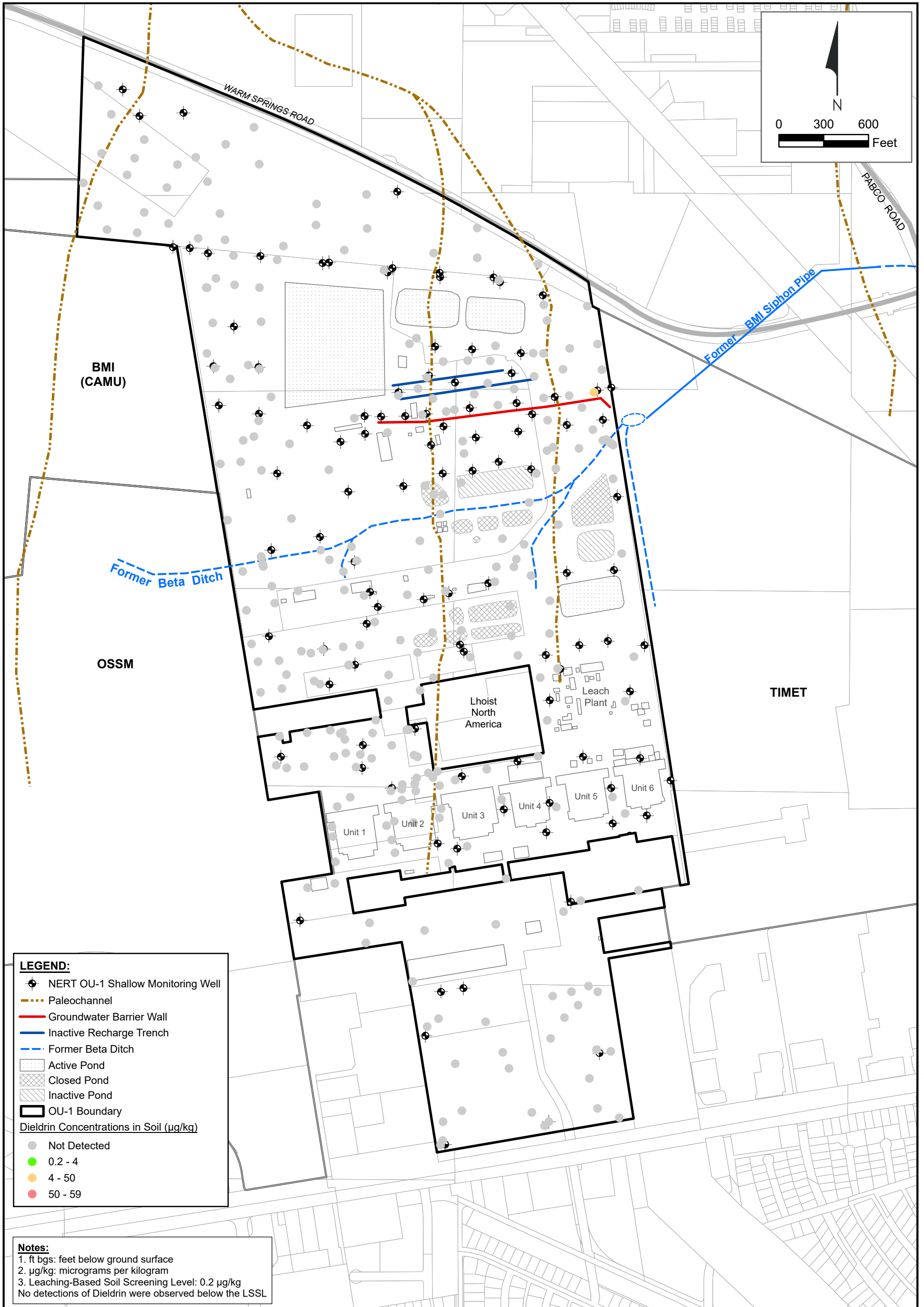
No detections of Dieldrin were observed below the LSSL



Dieldrin in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-46b

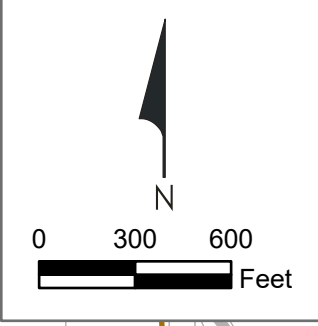
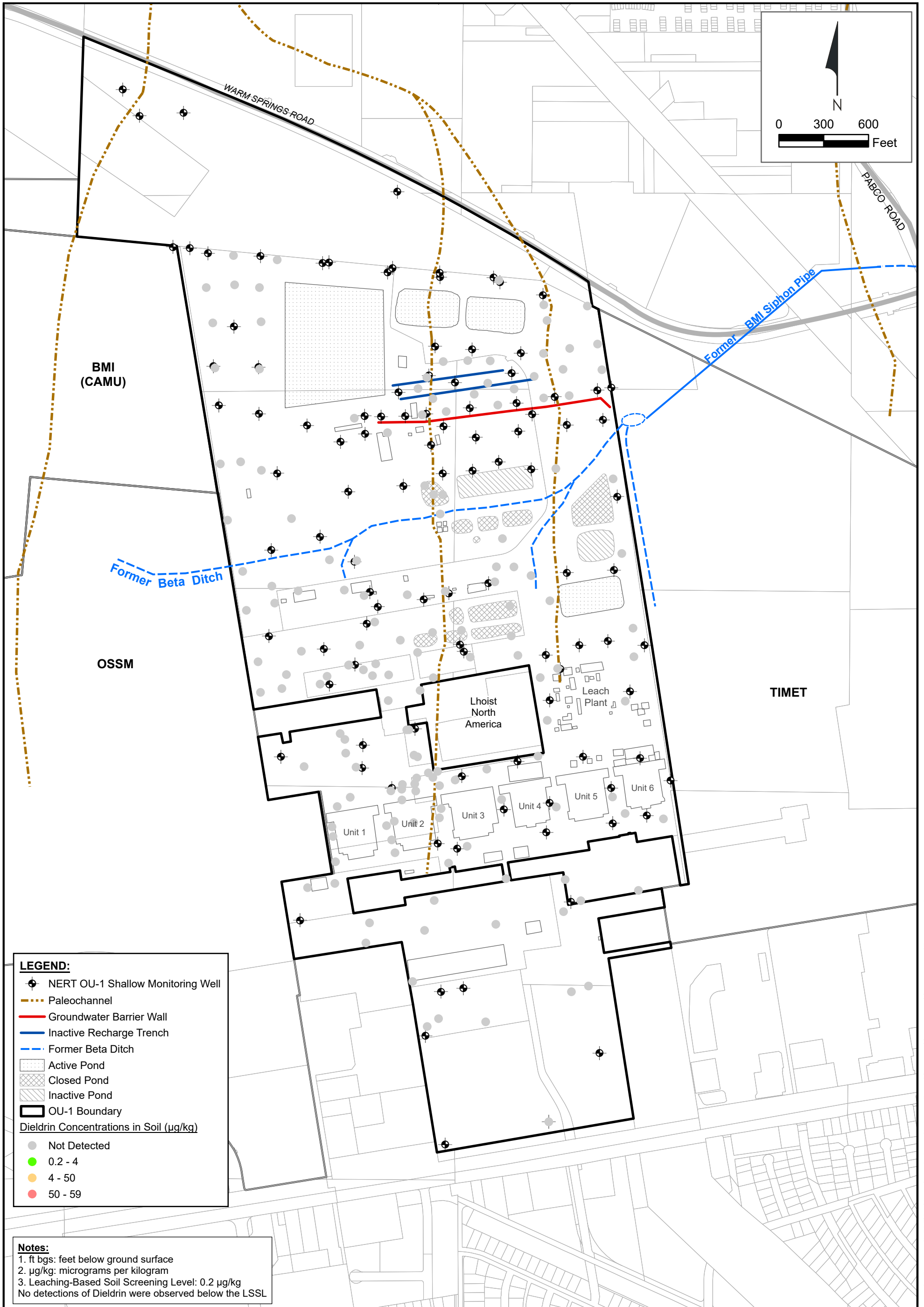
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-46b Dieldrin 0 - 10



Dieldrin in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-46c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-46c Dieldrin 10 - 30



LEGEND:

- ⊕ NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Dieldrin Concentrations in Soil (µg/kg)

- Not Detected
- 0.2 - 4
- 4 - 50
- 50 - 59

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.2 µg/kg

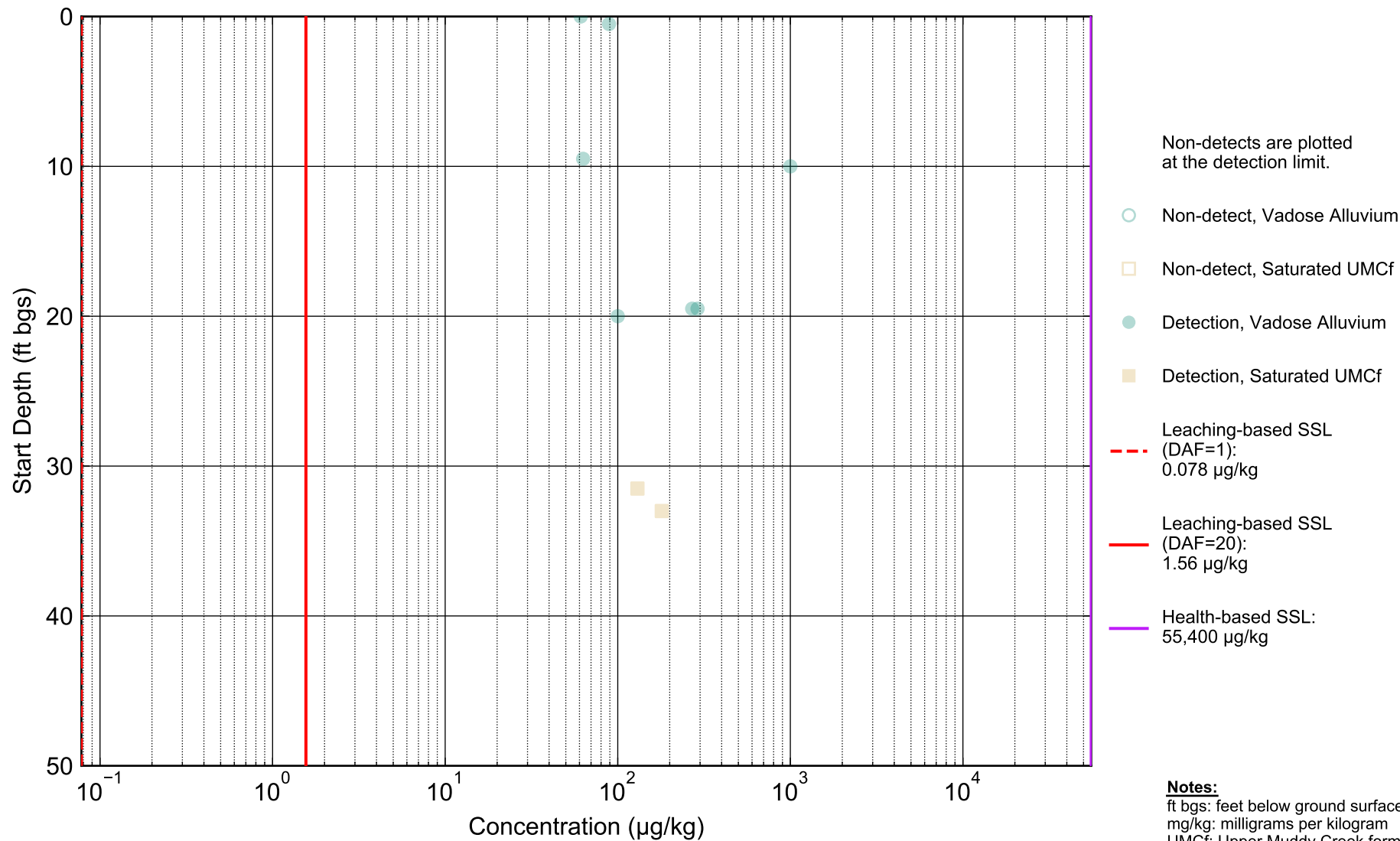
No detections of Dieldrin were observed below the LSSL



Dieldrin in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-46d

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-46d Dieldrin 30 - 50



Non-detects are plotted at the detection limit.

- Non-detect, Vadose Alluvium
- Non-detect, Saturated UMCf
- Detection, Vadose Alluvium
- Detection, Saturated UMCf
- - - Leaching-based SSL (DAF=1): 0.078 µg/kg
- Leaching-based SSL (DAF=20): 1.56 µg/kg
- Health-based SSL: 55,400 µg/kg

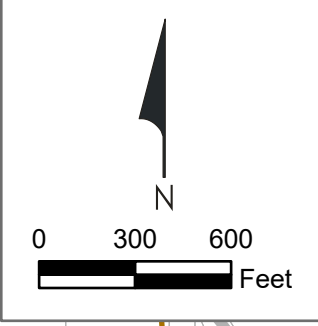
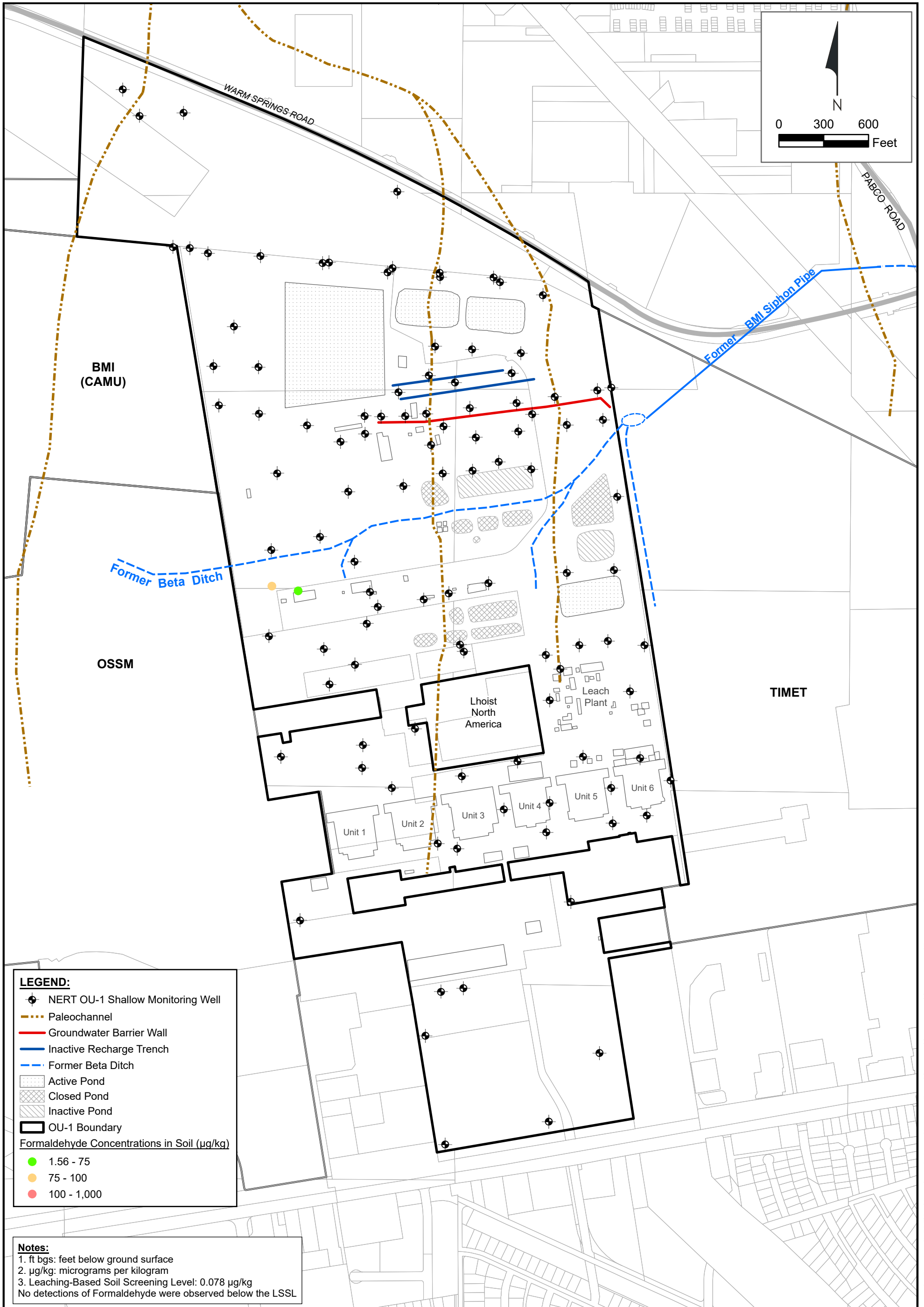
Notes:
 ft bgs: feet below ground surface
 mg/kg: milligrams per kilogram
 UMCf: Upper Muddy Creek formation
 SSL: Soil Screening Level
 DAF: Dilution-Attenuation Factor



OU-1 Formaldehyde Soil Concentrations vs. Sample Depth
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure

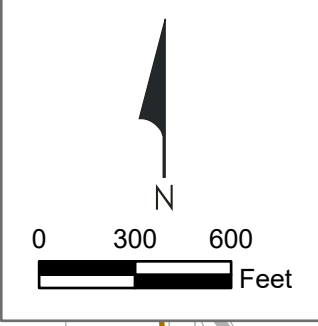
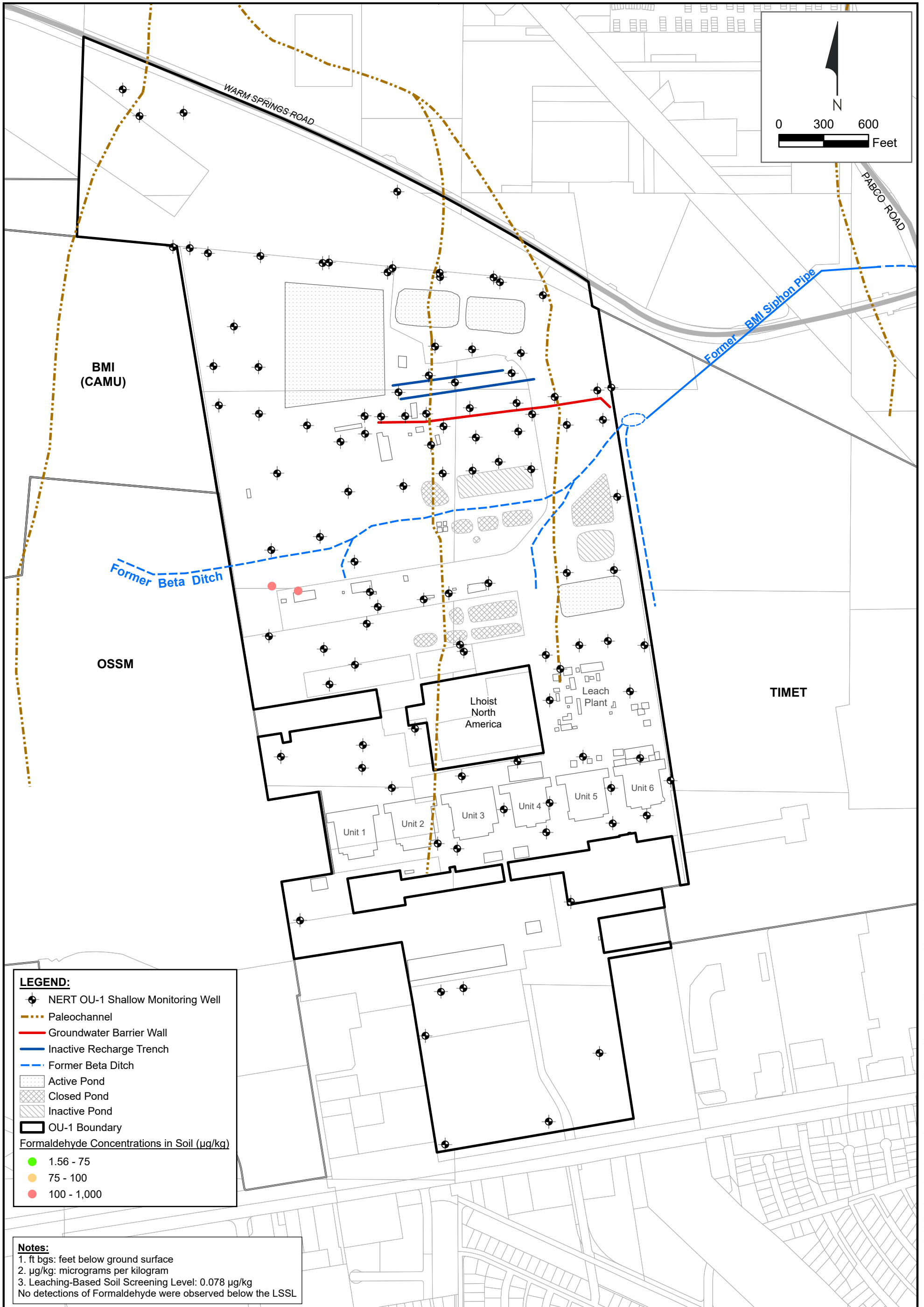
7-47a



Formaldehyde in Soil (0 - 10 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-47b

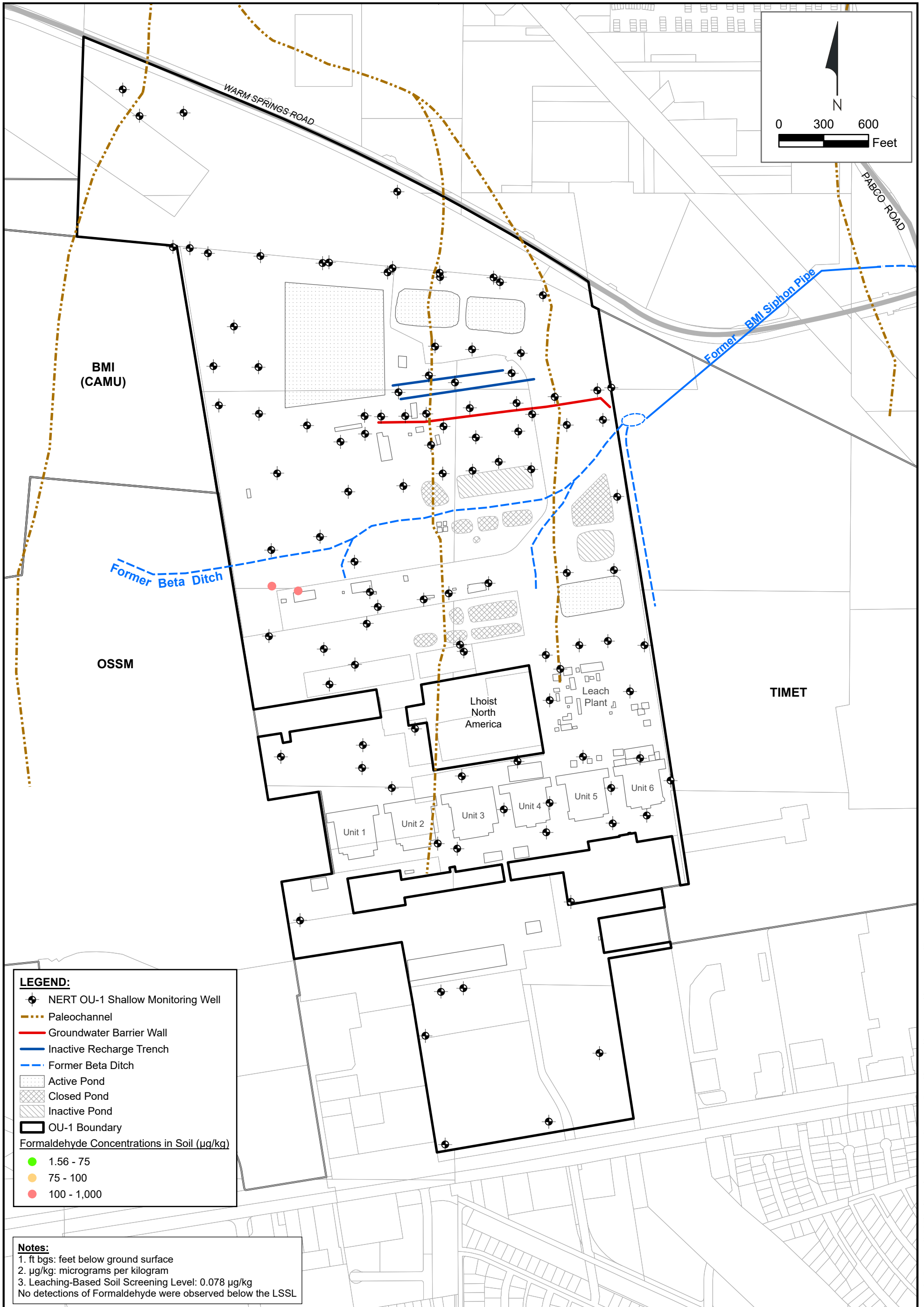
Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-47b Formaldehyde 0 - 10



Formaldehyde in Soil (10 - 30 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-47c

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-47c Formaldehyde 10 - 30



LEGEND:

- NERT OU-1 Shallow Monitoring Well
- Paleochannel
- Groundwater Barrier Wall
- Inactive Recharge Trench
- - - Former Beta Ditch
- ▨ Active Pond
- ▩ Closed Pond
- ▧ Inactive Pond
- ▭ OU-1 Boundary

Formaldehyde Concentrations in Soil (µg/kg)

- 1.56 - 75
- 75 - 100
- 100 - 1,000

Notes:

1. ft bgs: feet below ground surface
2. µg/kg: micrograms per kilogram
3. Leaching-Based Soil Screening Level: 0.078 µg/kg

No detections of Formaldehyde were observed below the LSSL



Formaldehyde in Soil (30 - 50 ft bgs) - OU-1, 2006-2019
 Nevada Environmental Response Trust Site
 Henderson, Nevada

Figure
7-47d

Path: H:\LePetomane\NERT\OU-1_OU-2 RI Report\Working_Folder\Soil Maps\figures_2022\figures_5.aprx\Figure 7-47d Formaldehyde 30 - 50