

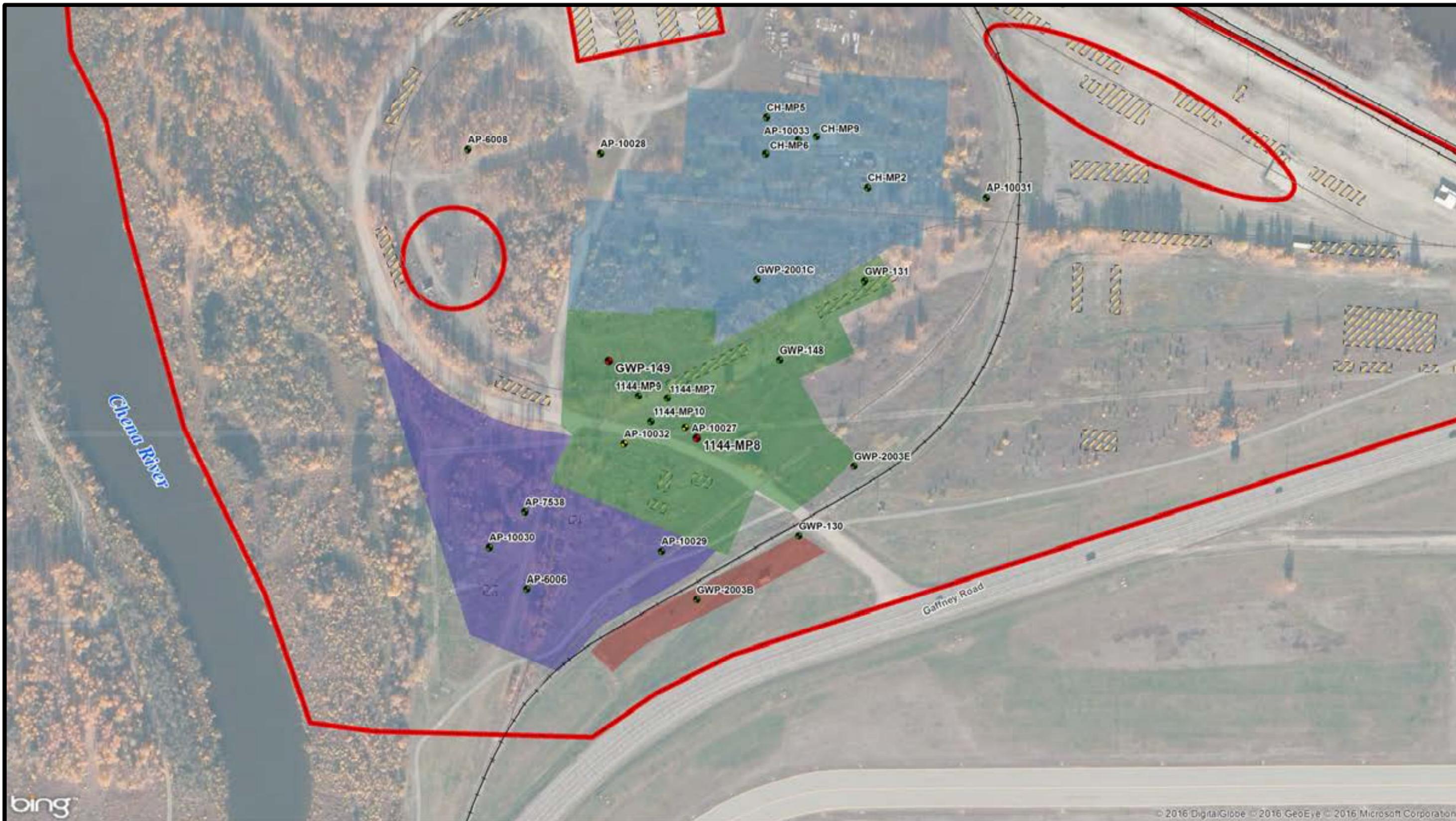
ROD Cleanup Level (ug/L)	
Benzene	5
Toluene	1,000
Ethylbenzene	700
1,2-EDB	0.05
1,2-DCA	5
1,2,4-TMB	1850
1,3,5-TMB	1850

● Exceeds ROD Cleanup Levels	— Dismantled Railroad	■ Valve Pit C
● Does Not Exceed ROD Cleanup Levels	⊕ Institutional Control Boundary	⊘ Demolished Structure
● Not Included in 2015 Sampling Event	■ Valve Pit A	
— Active Railroad - Single	■ Valve Pit B	

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OU-3 Valve Pits A, B, and C Site Features	
United States Army Garrison Fort Wainwright, Alaska	Figure 5-5

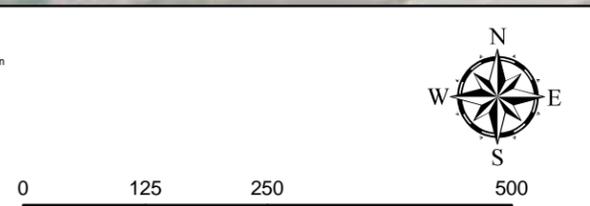


**ROD Cleanup Level (ug/L)**

Benzene	5
Toluene	1,000
Ethylbenzene	700
1,2-EDB	0.05
1,2-DCA	5
1,2,4-TMB	1850
1,3,5-TMB	1850

- 2014 Groundwater Sampling Results Exceed ROD Cleanup Levels
- 2014 Groundwater Sampling Results Do Not Exceed ROD Cleanup Levels
- Not Included in 2014 Sampling Event
- Active Railroad - Single
- Dismantled Railroad
- Central Header Treatment System

- Eight Car Header Treatment System
- Former Building 1144 Treatment System
- Upgradient Area Treatment System
- Institutional Control Boundary
- Demolished Structure



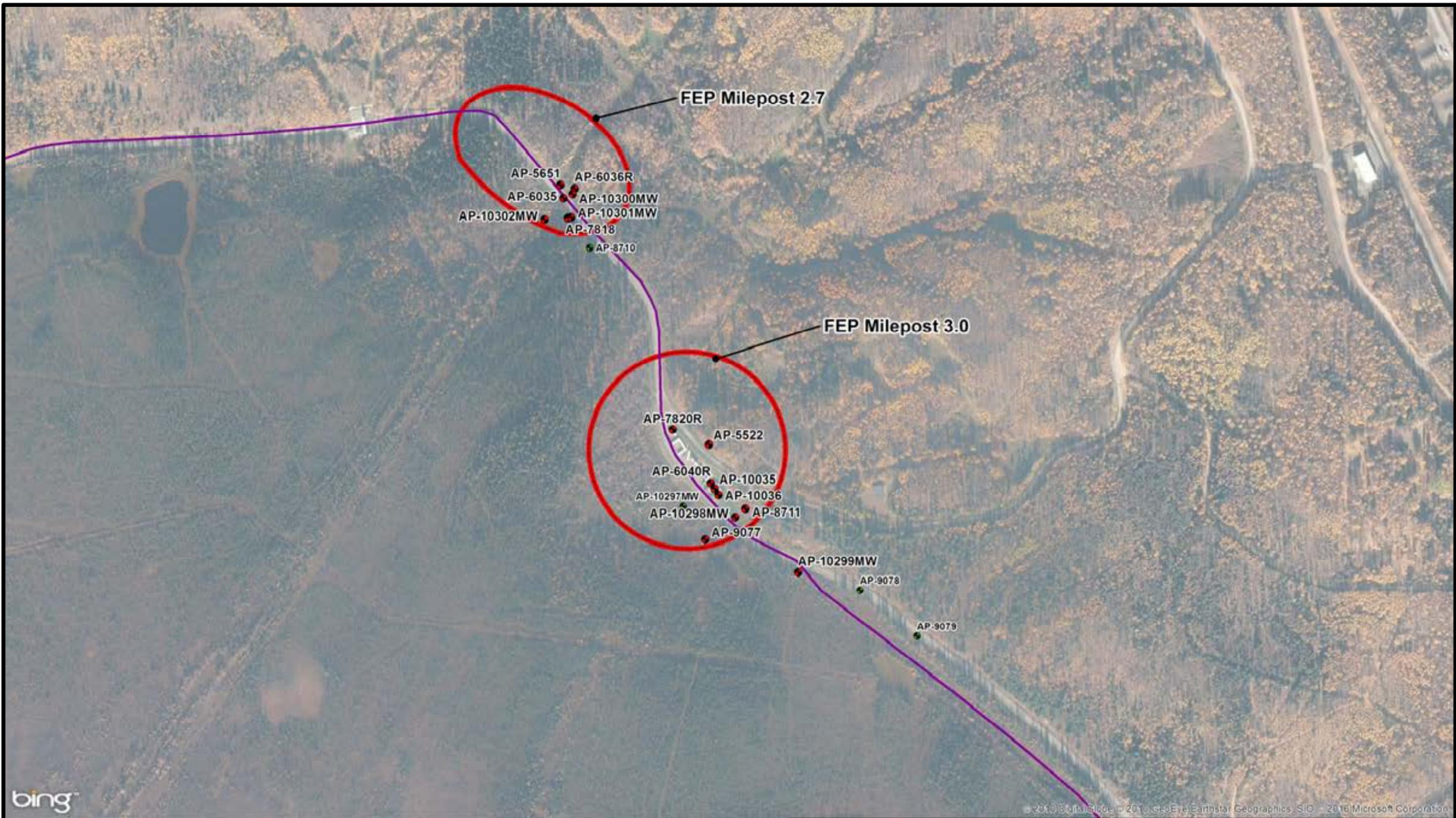
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**OU-3 ROLF Site Features**

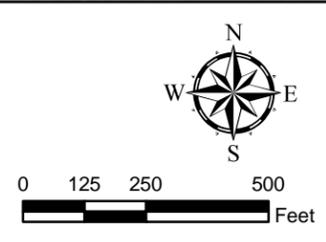
United States Army Garrison  
 Fort Wainwright, Alaska

Figure 5-6



ROD Cleanup Level (ug/L)	
Benzene	5
Toluene	1,000
Ethylbenzene	700
1,2-EDB	0.05
1,2-DCA	5
1,2,4-TMB	1850
1,3,5-TMB	1850

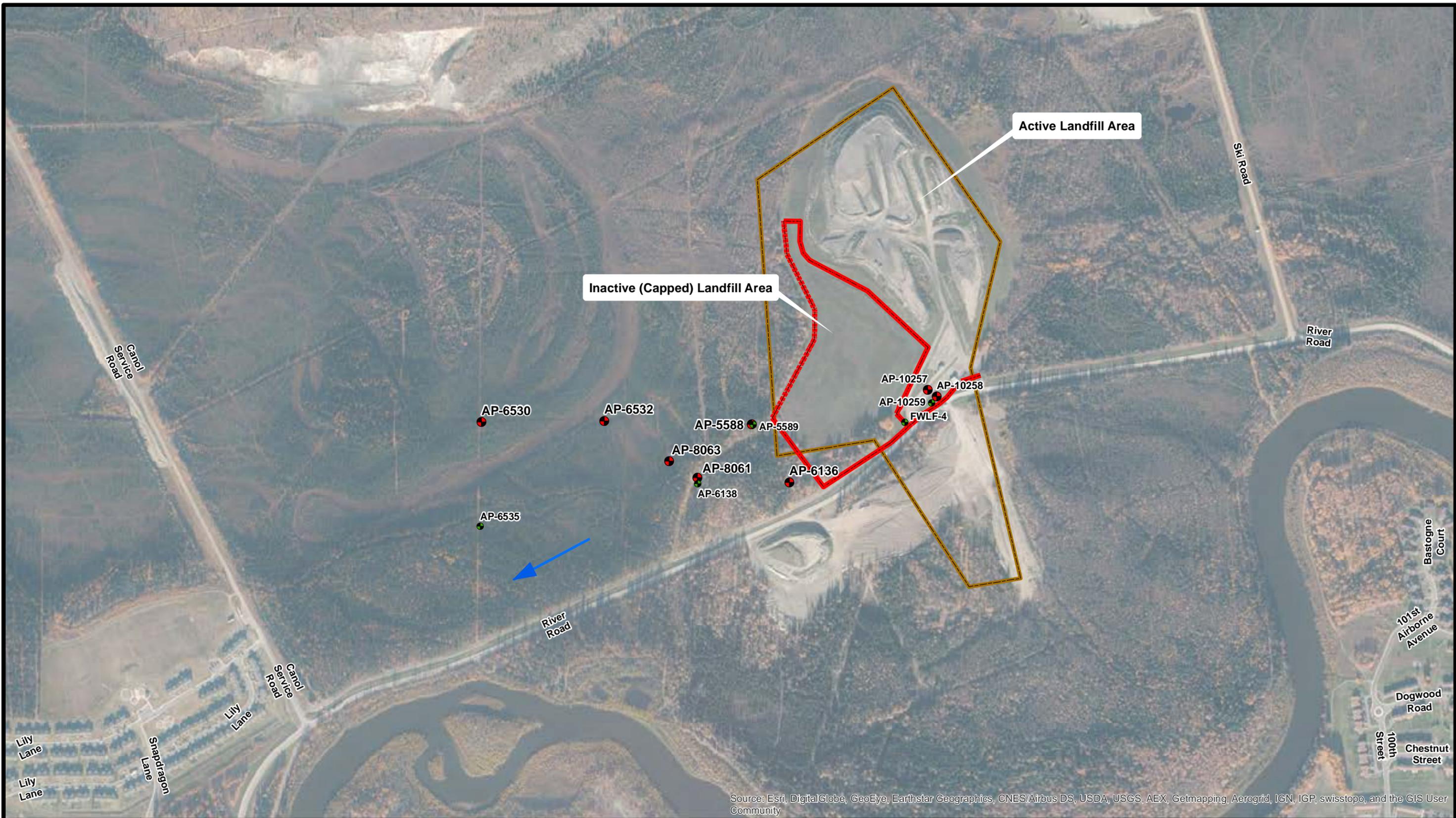
- 2015 Groundwater Sampling Results Exceed ROD Cleanup Levels
- 2015 Groundwater Sampling Results Do Not Exceed ROD Cleanup Levels
- Not Included in 2015 Sampling Event
- Fairbanks-Eielson Pipeline
- + Institutional Control Boundary




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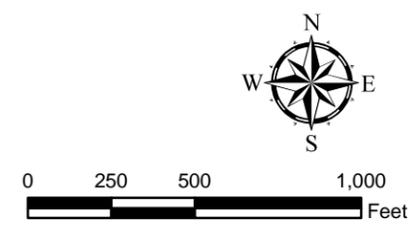
OU-3 Mileposts 2.7 and 3.0 Site Features	
United States Army Garrison Fort Wainwright, Alaska	Figure 5-7



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

ROD Cleanup Level (ug/L)	
Benzene	5
cis-1,2-DCE	70
1,1,2,2-PCA	5.2
1,1,2-TCA	5
TCE	5
Vinyl Chloride	2
bis(2-ethylhexyl) Phthalate	6

- 2014 Groundwater Sampling Results Exceed ROD Cleanup Levels
- 2014 Groundwater Sampling Results Do Not Exceed ROD Cleanup Levels
- Institutional Control Boundary
- Approximate Groundwater Flow Direction
- Landfill Area



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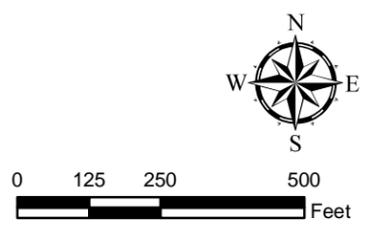
**OU-4 Landfill Site Features**

United States Army Garrison  
 Fort Wainwright, Alaska

Figure 5-8



- Domestic Water - In Use
- Former AS/SVE Treatment System Boundary
- +— Active Railroad - Single
- +—+— Dismantled Railroad
- Coal Storage Yd and Bldg 3595
- + Institutional Control Boundary



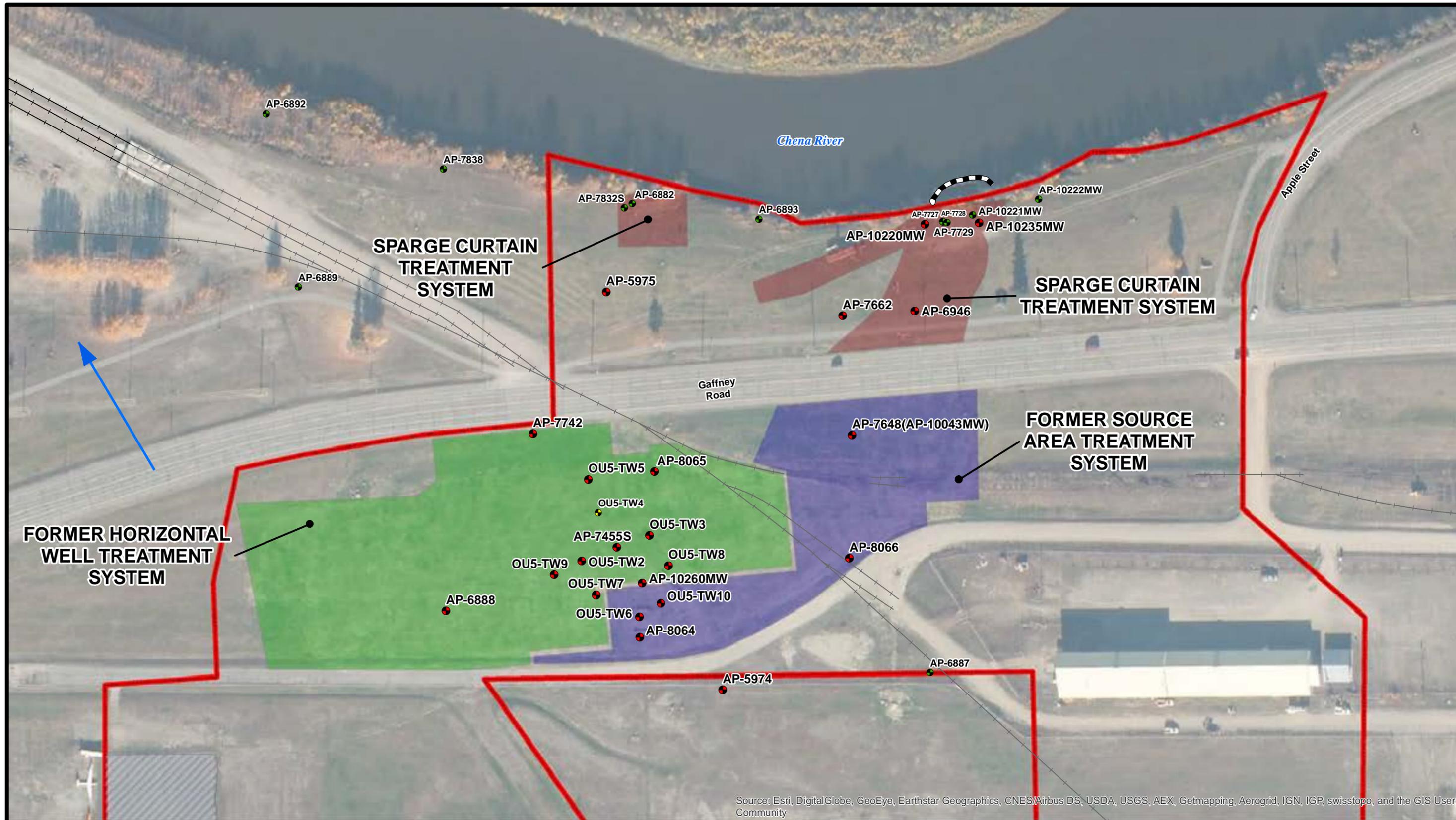
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**Buffalo, New York**

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**OU-4 Coal Storage Yard Site Features**

United States Army Garrison  
 Fort Wainwright, Alaska

Figure 5-9



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

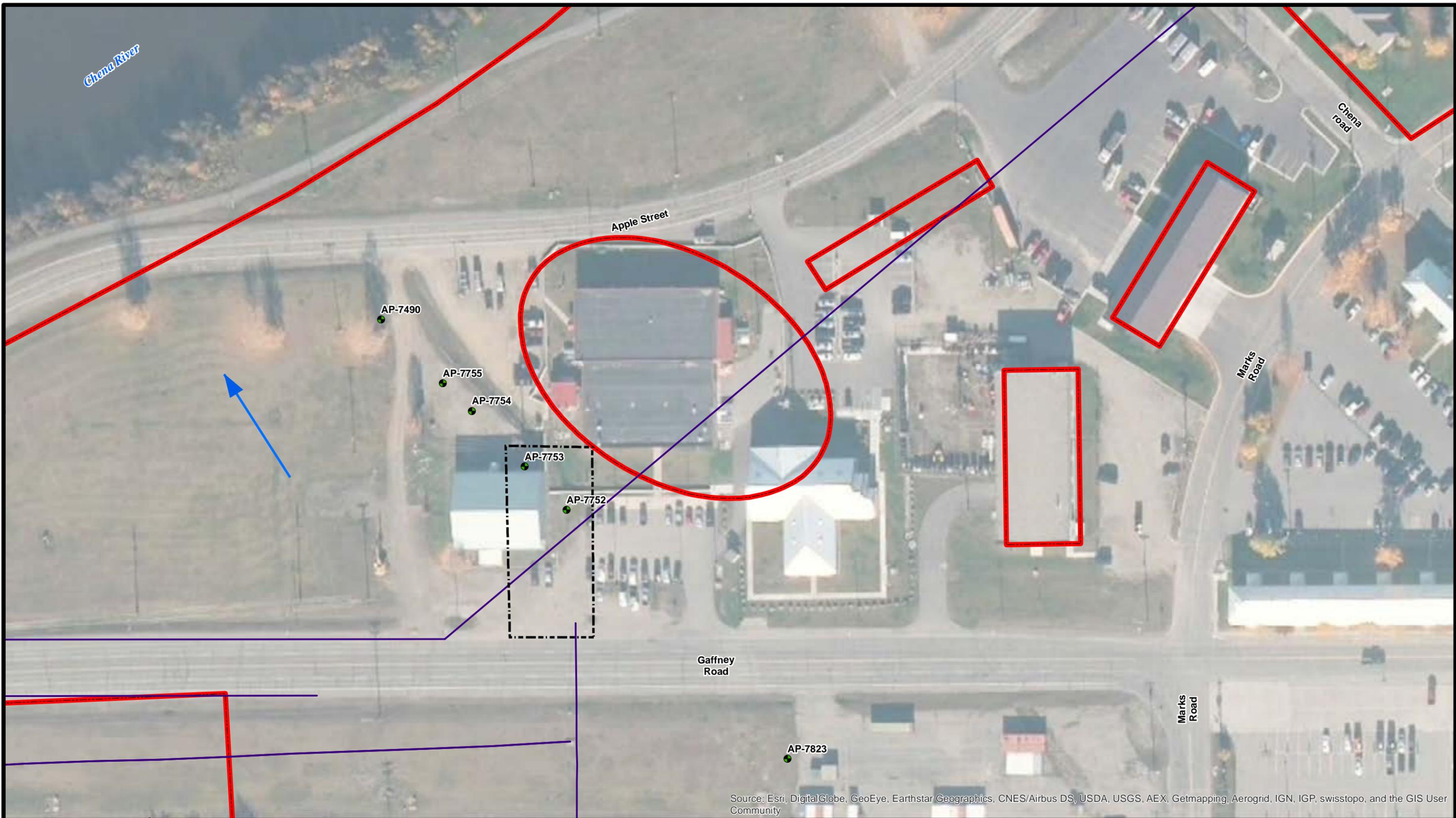
ROD Cleanup Levels (ug/L)	
DRO	1,500
GRO	2,200
1,2-DCA	5
Benzene	5
Toluene	1,000
TAH	10
TAqH	15
TCE	5

<ul style="list-style-type: none"> <li><span style="color: red;">●</span> 2015 Groundwater Sampling Results Exceed ROD Cleanup Levels</li> <li><span style="color: green;">●</span> 205 Groundwater Sampling Results Do Not Exceed ROD Cleanup Level</li> <li><span style="color: yellow;">●</span> Not Included in 2015 Sampling</li> <li> Chena River Boom</li> <li> Railroad-Active</li> <li> Railroad-Dismantled</li> </ul>	<ul style="list-style-type: none"> <li> Institutional Control Boundary</li> <li> FORMER HORIZONTAL WELL TREATMENT SYSTEM</li> <li> FORMER SOURCE AREA TREATMENT SYSTEM</li> <li> SPARGE CURTAIN TREATMENT SYSTEM</li> </ul>	<ul style="list-style-type: none"> <li> Approximate Groundwater Flow Direction</li> </ul>
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<b>OU-5 WQFS Site Features</b>	
United States Army Garrison Fort Wainwright, Alaska	Figure 5-10



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

ROD Cleanup Levels (ug/L)	
DRO	1,500
GRO	2,200
1,2-DCA	5
Benzene	5
Toluene	1,000
TAH	10
TAqH	15
TCE	5

- 2015 Groundwater Sampling Results Do Not Exceed ROD Cleanup Levels
- Former AS/SVE Treatment System
- Approximate Groundwater Flow Direction
- Fuel Line - Main
- Institutional Control Boundary

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**OU-5 EQFS Site Features**

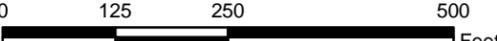
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 Fort Wainwright, Alaska

Figure 5-11



<b>ROD Cleanup Levels (mg/kg)</b>	
Lead	1,000

-  Maximum Concentration of Total Lead in Soil Detected at AST Exceedes ROD Cleanup Level
-  Institutional Control Boundary
-  Former Above Ground Storage Tank (AST) Locations
-  Installation Boundary
-  Unimproved Road

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**OU-5 Birch Hill Tank Farm - Above Ground Storage Tanks Site Features**

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 Fort Wainwright, Alaska

Figure 5-12



bing

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 Institutional Control Boundary



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OU-5 Open Burning Open Detonation Area Site Features

United States Army Garrison  
Fort Wainwright, Alaska

Figure 5 - 13



**ROD Cleanup Levels (ug/L)**

DRO	1,500
RRO	1,100
Trichloroethene(TCE)	5
1,2,3-Trichloropropane(TCP)	0.12

- Monitoring Well Sampled for MNA Program
- Institutional Control Boundary
- Approximate Groundwater Flow Direction
- Current Structures
- Roads

0 150 300 600 Feet

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Buffalo District

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**OU-6 Former Communications Site Features**

United States Army Garrison  
Fort Wainwright, Alaska

Figure 5-14