

Explanation
Metal Concentrations in Groundwater
(Highest ratio of reported analyte concentrations to screening levels at each sample location determines symbol color)

For results with PQLs that were less than or equal to the screening levels, the analytes either were not detected or were detected at concentrations below the screening levels.

Indicates analytes were detected at concentrations greater than the screening levels but less than 10 times the screening levels.

Indicates analytes were detected at concentrations greater than or equal to 10 times the screening levels but less than 100 times the screening levels.

Indicates analytes were detected at concentrations greater than or equal to 100 times the screening levels.

Indicates no sample was analyzed from the sample interval, or no analytes were detected above PQLs but the PQLs were greater than the screening levels.

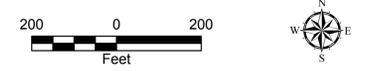
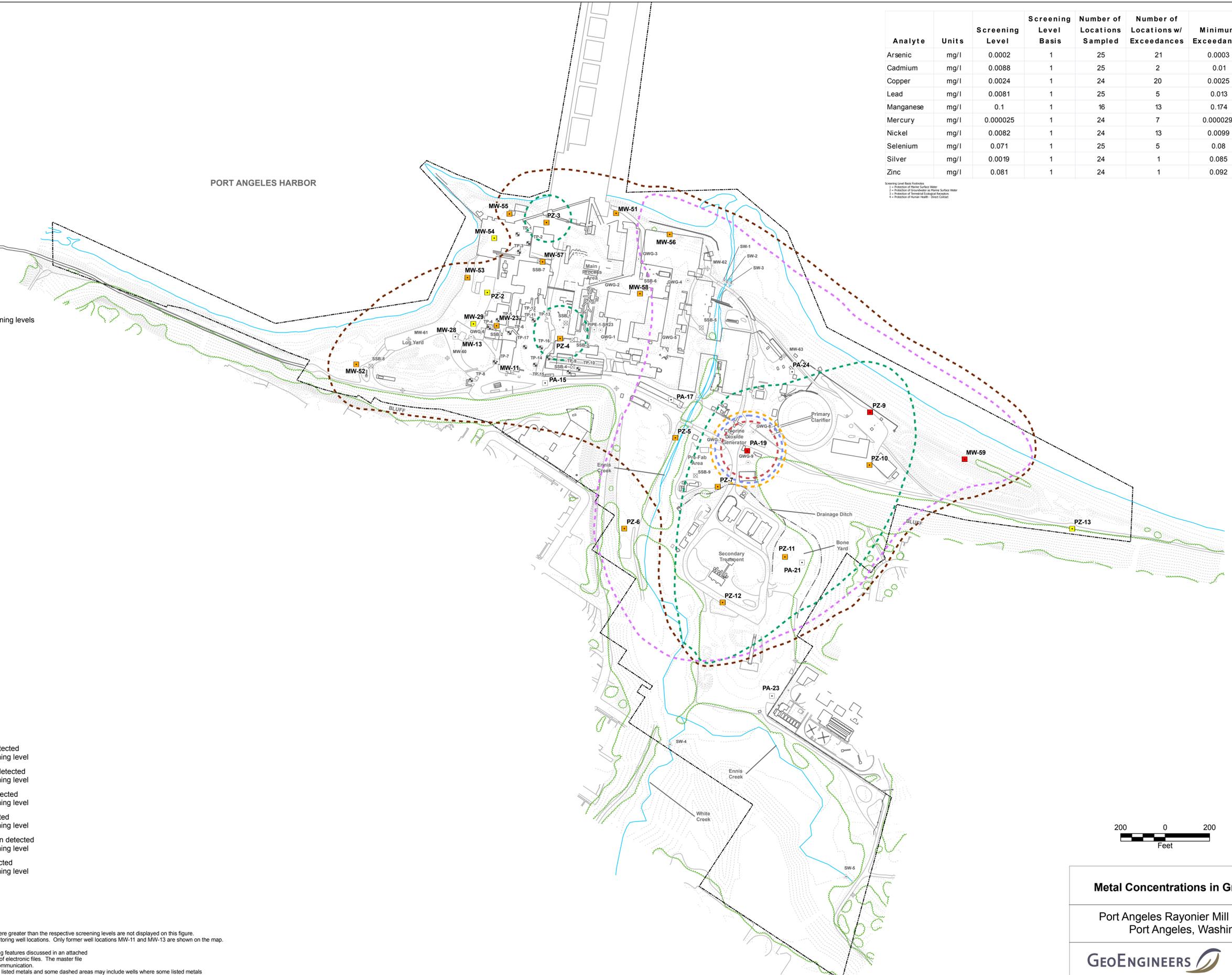
- Proposed Pipe Contents Sample
- Proposed Groundwater Grab Sample
- Proposed Soil Boring
- Proposed Test Pit
- Proposed Surface Water Sample
- Proposed Monitoring Well

- Approximate area where arsenic has been detected at a concentration greater than 10x the screening level
- Approximate area where cadmium has been detected at a concentration greater than 10x the screening level
- Approximate area where copper has been detected at a concentration greater than 10x the screening level
- Approximate area where lead has been detected at a concentration greater than 10x the screening level
- Approximate area where manganese has been detected at a concentration greater than 10x the screening level
- Approximate area where silver has been detected at a concentration greater than 10x the screening level
- Upland Study Area

Notes:
1. Sampling locations that had only non-detect results for which the PQLs were greater than the respective screening levels are not displayed on this figure.
2. The statistical summary table includes data from existing and former monitoring well locations. Only former well locations MW-11 and MW-13 are shown on the map.
3. The locations of all features shown are approximate.
4. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.
5. Dashed areas are approximate. Not all locations were sampled for all the listed metals and some dashed areas may include wells where some listed metals did not exceed 10x the screening levels.

Analyte	Units	Screening Level	Screening Level Basis	Number of Locations Sampled	Number of Locations w/ Exceedances	Minimum Exceedance	Maximum Exceedance
Arsenic	mg/l	0.0002	1	25	21	0.0003	0.0898
Cadmium	mg/l	0.0088	1	25	2	0.01	0.31
Copper	mg/l	0.0024	1	24	20	0.0025	0.134
Lead	mg/l	0.0081	1	25	5	0.013	0.99
Manganese	mg/l	0.1	1	16	13	0.174	13.9
Mercury	mg/l	0.000025	1	24	7	0.0000291	0.002
Nickel	mg/l	0.0082	1	24	13	0.0099	0.05
Selenium	mg/l	0.071	1	25	5	0.08	1.11
Silver	mg/l	0.0019	1	24	1	0.085	0.085
Zinc	mg/l	0.081	1	24	1	0.092	0.092

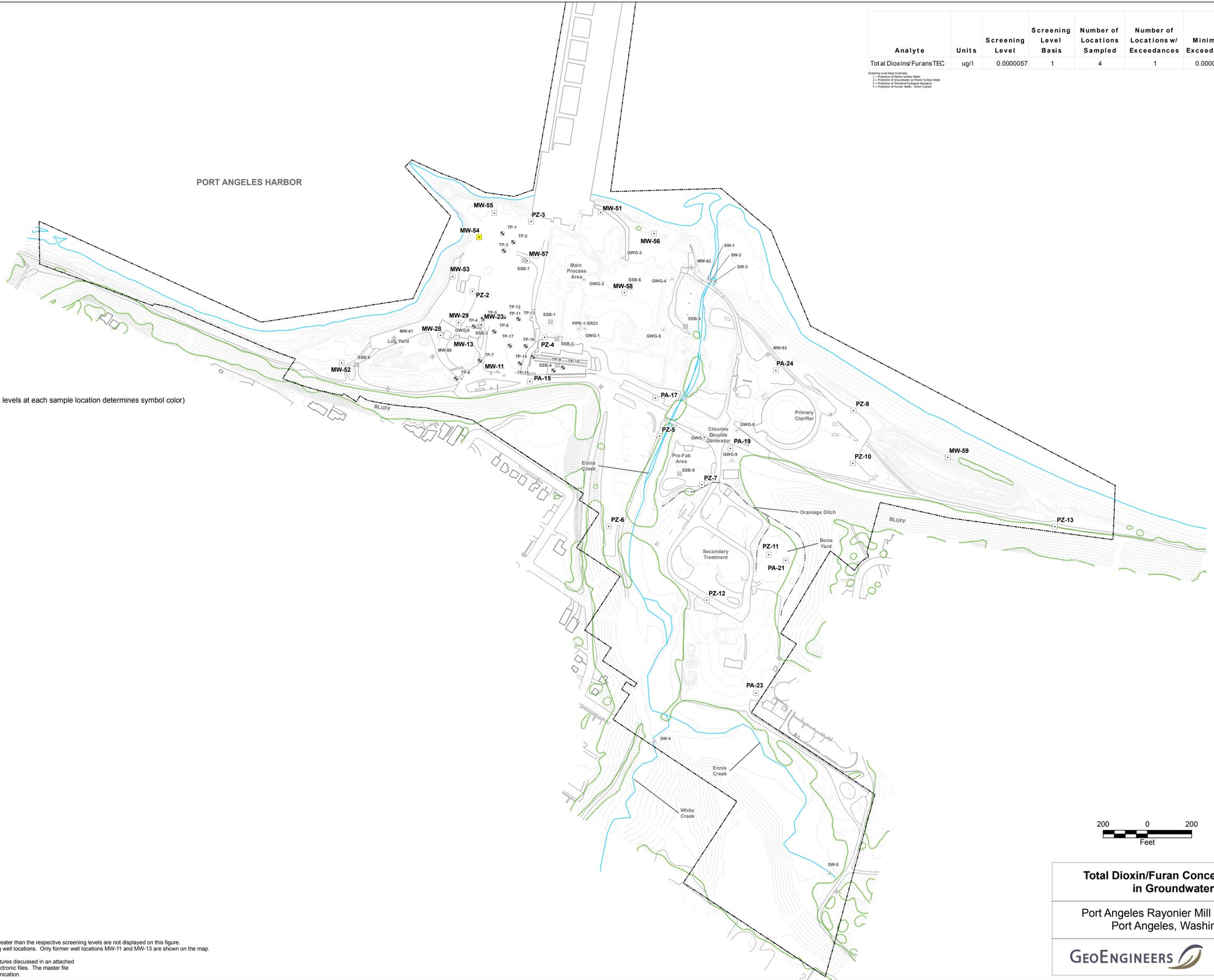
Screening Level Basis Reference:
1 = Protection of Marine Surface Water
2 = Protection of Groundwater as Marine Surface Water
3 = Protection of General Ecological Resources
4 = Protection of Human Health - Direct Contact



Metal Concentrations in Groundwater
Port Angeles Rayonier Mill Study Area
Port Angeles, Washington
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Figure 24

Analyte	Units	Screening Level	Screening Level Basis	Number of Locations Sampled	Number of Locations w/ Exceedances	Minimum Exceedance	Maximum Exceedance
Total Dioxins/FuransTEC	ug/l	0.0000057	1	4	1	0.000007757	0.000007757

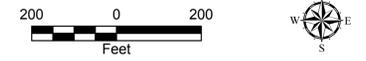
Screening Level Basis Footnotes:
 1 - Protection of Marine Surface Water
 2 - Protection of Groundwater in Marine Surface Water
 3 - Protection of General Population Exposure
 4 - Protection of Human Health - Direct Contact



Explanation

Total Dioxin/Furan Concentrations in Groundwater
 (Highest ratio of reported analyte concentrations to screening levels at each sample location determines symbol color)

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- Proposed Pipe Contents Sample
- Proposed Groundwater Grab Sample
- ⊗ Proposed Soil Boring
- ⊕ Proposed Test Pit
- △ Proposed Surface Water Sample
- ⊕ Proposed Monitoring Well
- Upland Study Area



Total Dioxin/Furan Concentrations in Groundwater

Port Angeles Rayonier Mill Study Area
 Port Angeles, Washington

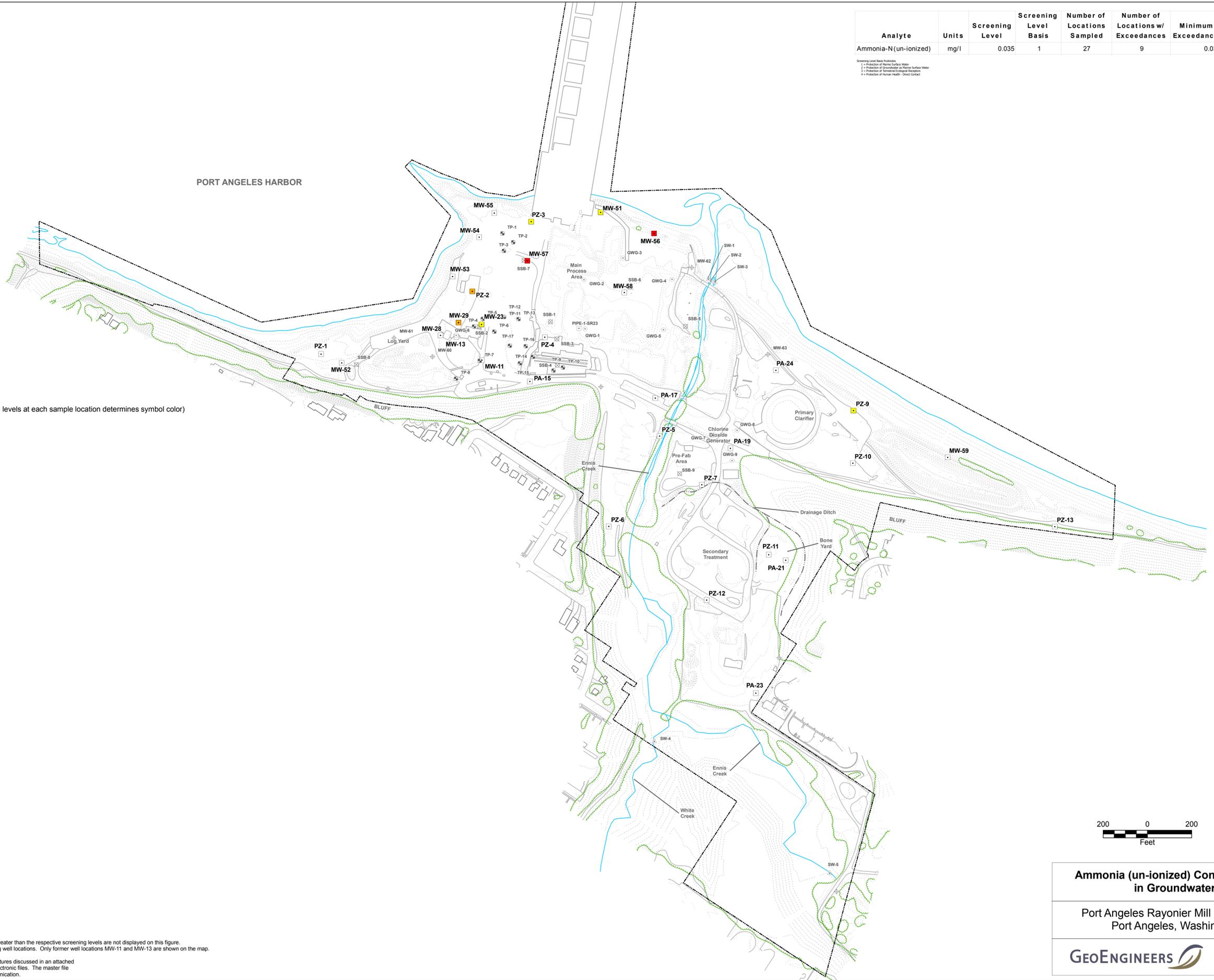
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Figure 25

Notes:
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Analyte	Units	Screening Level	Screening Level Basis	Number of Locations Sampled	Number of Locations w/ Exceedances	Minimum Exceedance	Maximum Exceedance
Ammonia-N (un-ionized)	mg/l	0.035	1	27	9	0.038	7.227

Screening Level Basis: 1 = Protection of Fresh Surface Water, 2 = Protection of Groundwater as a Source of Surface Water, 3 = Protection of Terrestrial Ecological Resources, 4 = Protection of Human Health - Direct Contact

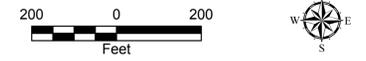


Explanation

Ammonia (un-ionized) Concentrations in Groundwater
(Highest ratio of reported analyte concentrations to screening levels at each sample location determines symbol color)

- For results with PQLs that were less than or equal to the screening levels, the analytes either were not detected or were detected at concentrations below the screening levels.
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- Proposed Pipe Contents Sample
- Proposed Groundwater Grab Sample
- ⊗ Proposed Soil Boring
- ⊕ Proposed Test Pit
- △ Proposed Surface Water Sample
- ⊕ Proposed Monitoring Well
- Upland Study Area

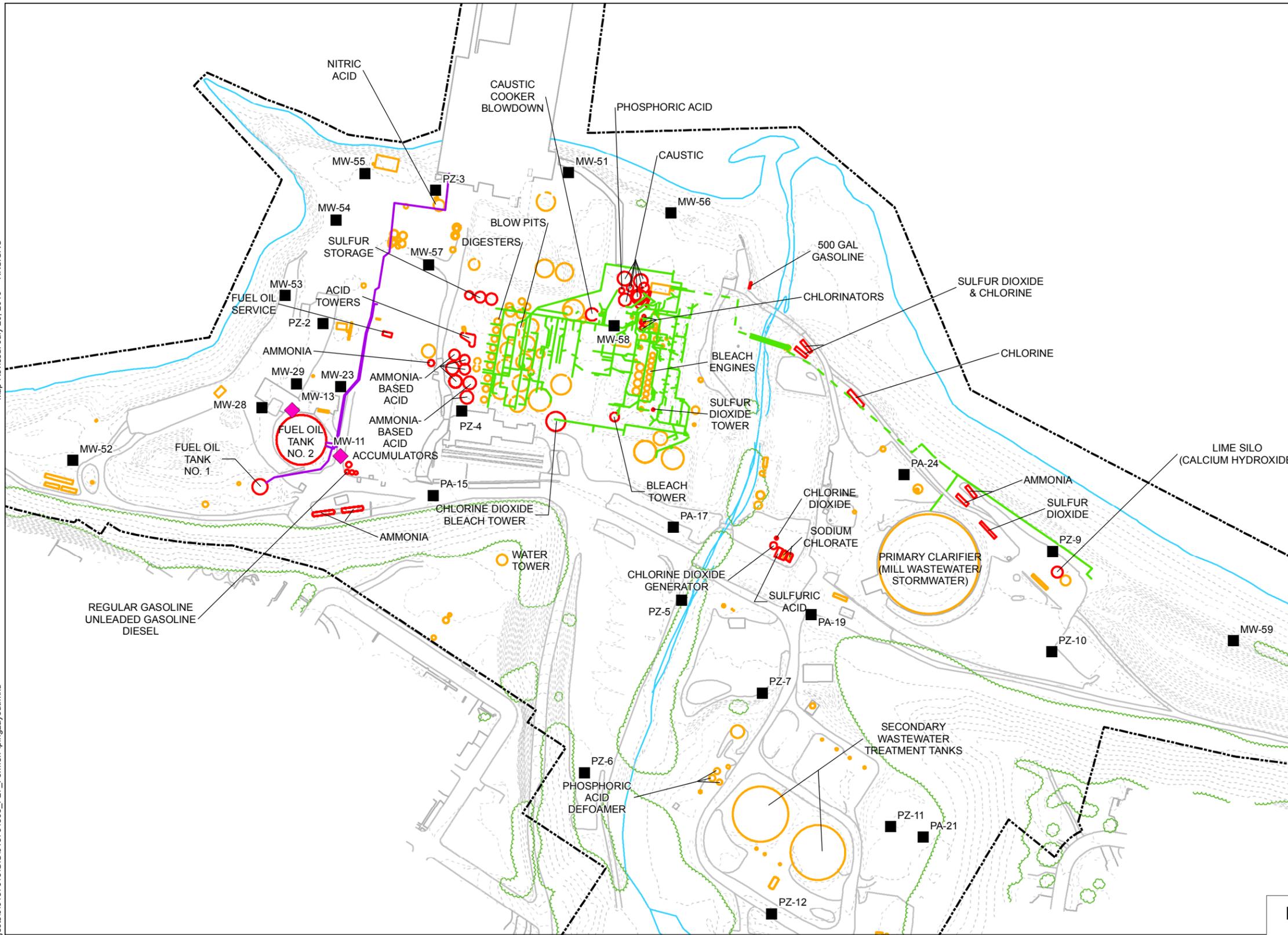
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Ammonia (un-ionized) Concentrations in Groundwater
 Port Angeles Rayonier Mill Study Area
 Port Angeles, Washington
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Figure 26

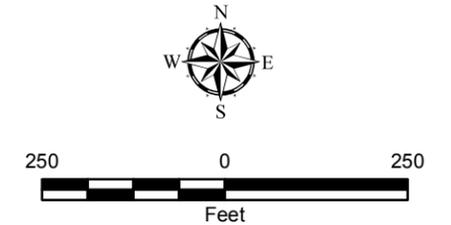
Map Revised: July 20, 2010 KKS:CRK

Office: SEA Path: \\Seal\projects\0137015\GIS\013701503_F27_FormerPipingLayout.mxd



Explanation

- Monitoring Well Locations
- ◆ Former Monitoring Well
- Fuel Oil Piping
- Wastewater Drain Piping
- - - Inferred Wastewater Drain Piping
- Chemical/Fuel Storage Tanks
- Water/Wastewater/Process Tanks
- - - Upland Study Area



Former Tanks, Wastewater Drain Piping and Fuel Oil Piping

Port Angeles Rayonier Mill Study Area
Port Angeles, Washington

GEOENGINEERS  **Figure 27**

Notes:
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 Projection: NAD 1983 Washington North (feet)

Map Revised: July 20, 2010 KKS:CRK
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 Office: TAC

Explanation

TPH/PCB Concentrations in Soil
 (Highest ratio of reported analyte concentrations to screening levels at each sample location determines symbol color)

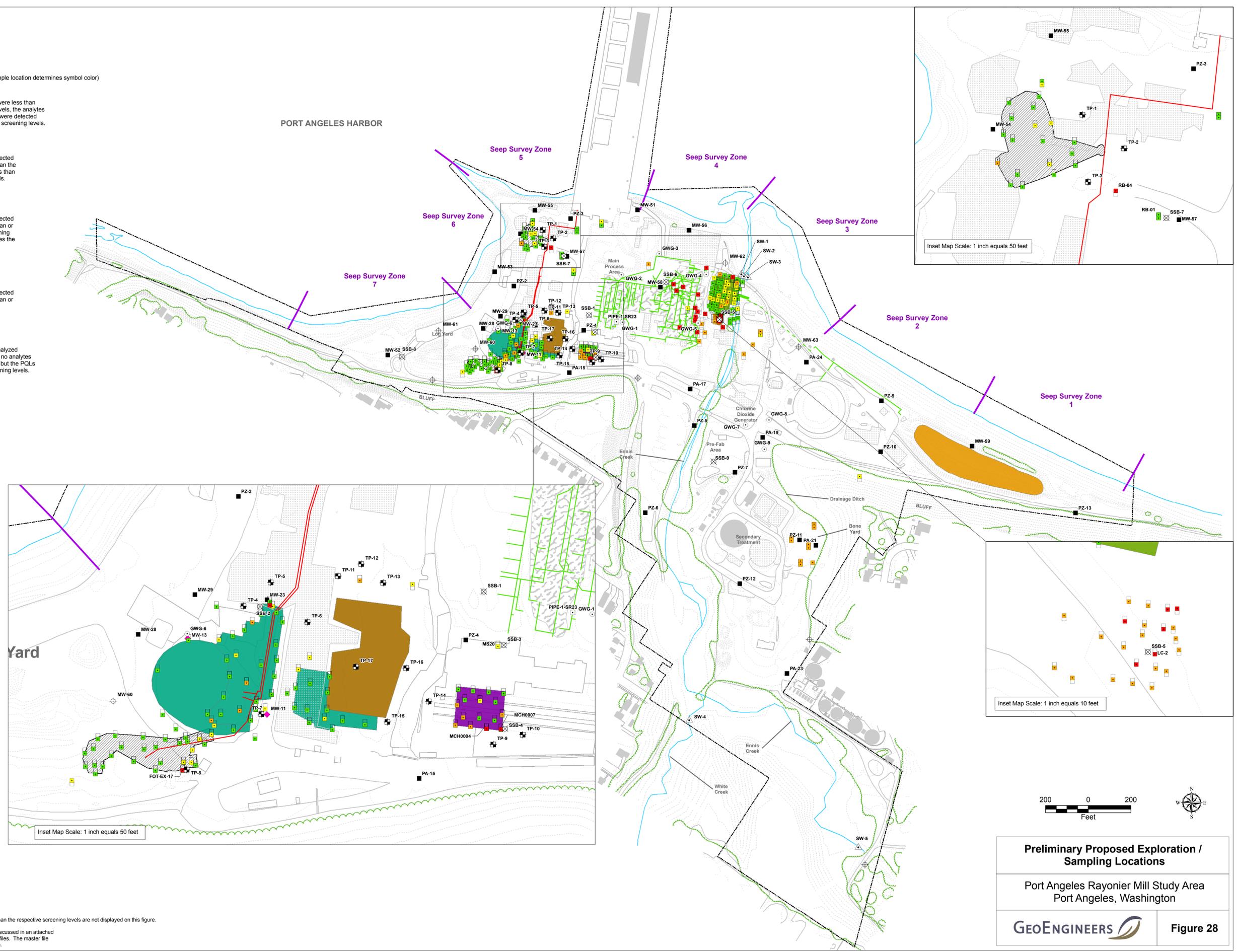
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- Shallow Sample (0 to 2 feet)
- Deep Sample (> 2 feet)

- Proposed Seep Survey Zone
- Proposed Pipe Contents Sample
- Proposed Groundwater Grab Sample
- Proposed Soil Boring
- Proposed Test Pit
- Proposed Surface Water Sample
- Proposed Monitoring Well
- Monitoring Well Locations
- Former Monitoring Well
- Fuel Oil Piping
- Wastewater Drain Piping
- Inferred Wastewater Drain Piping
- Existing Structure
- Remaining Building Pad
- Concrete Rubble
- Upland Study Area

- Interim Action Areas & Material Quantities Removed**
- Finishing Room - 10,150 tons soil (hydraulic oil/PCBs; 1993, 1998, 2002)
 - Fuel Tank No. 2 - 5,400 tons soil (Bunker C; 1993, 2002)
 - Hog Fuel Pile - 2,700 cy wood residue (diesel & heavy oil; 2001)
 - Machine Shop - 970 tons soil (diesel & heavy oil; 2002)
 - SSL Lagoon - 4,800 tons soil (arsenic; 2001)
 - Wood Mill & Fuel Tank No. 1 - 7,980 tons soil (hydraulic oil & Bunker C; 2006)

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Preliminary Proposed Exploration / Sampling Locations

Port Angeles Rayonier Mill Study Area
 Port Angeles, Washington

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Figure 28