

Chemistry Legend

Phenol - Surface Water

total_or_dissolved, Exceedance_class

- D, HH_Fishx10000 (1700000 mg/l)
- T, HH_Fishx10000 (1700000 mg/l)
- D, Acute (10.2 mg/l)
- T, Acute (10.2 mg/l)
- D, Chronic (2.56 mg/l)
- T, Chronic (2.56 mg/l)
- D, None Exceeded
- T, None Exceeded
- D, Not Detected
- T, Not Detected

Phenol - Transition Water

total_or_dissolved, Exceedance_class

- D, HH_Fishx10000 (17000000 mg/l)
- T, HH_Fishx10000 (17000000 mg/l)
- D, Acute (10.2 mg/l)
- T, Acute (10.2 mg/l)
- D, Chronic (2.56 mg/l)
- T, Chronic (2.56 mg/l)
- D, None Exceeded
- T, None Exceeded
- D, Not Detected
- T, Not Detected

Phenol - Ground Water

total_or_dissolved, Exceedance_class

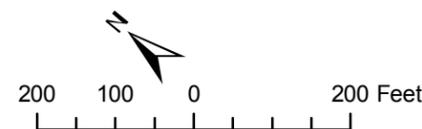
- D, HH_Fishx10000 (17000000 mg/l)
- T, HH_Fishx10000 (17000000 mg/l)
- D, Acute (10.2 mg/l)
- T, Acute (10.2 mg/l)
- D, Chronic (2.56 mg/l)
- T, Chronic (2.56 mg/l)
- D, None Exceeded
- T, None Exceeded
- D, Not Detected
- T, Not Detected

REVISION DRAFT

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Notes:

- 1) If both Total and Dissolved values occur coincidentally at a sampling location, the dissolved value will appear on top.



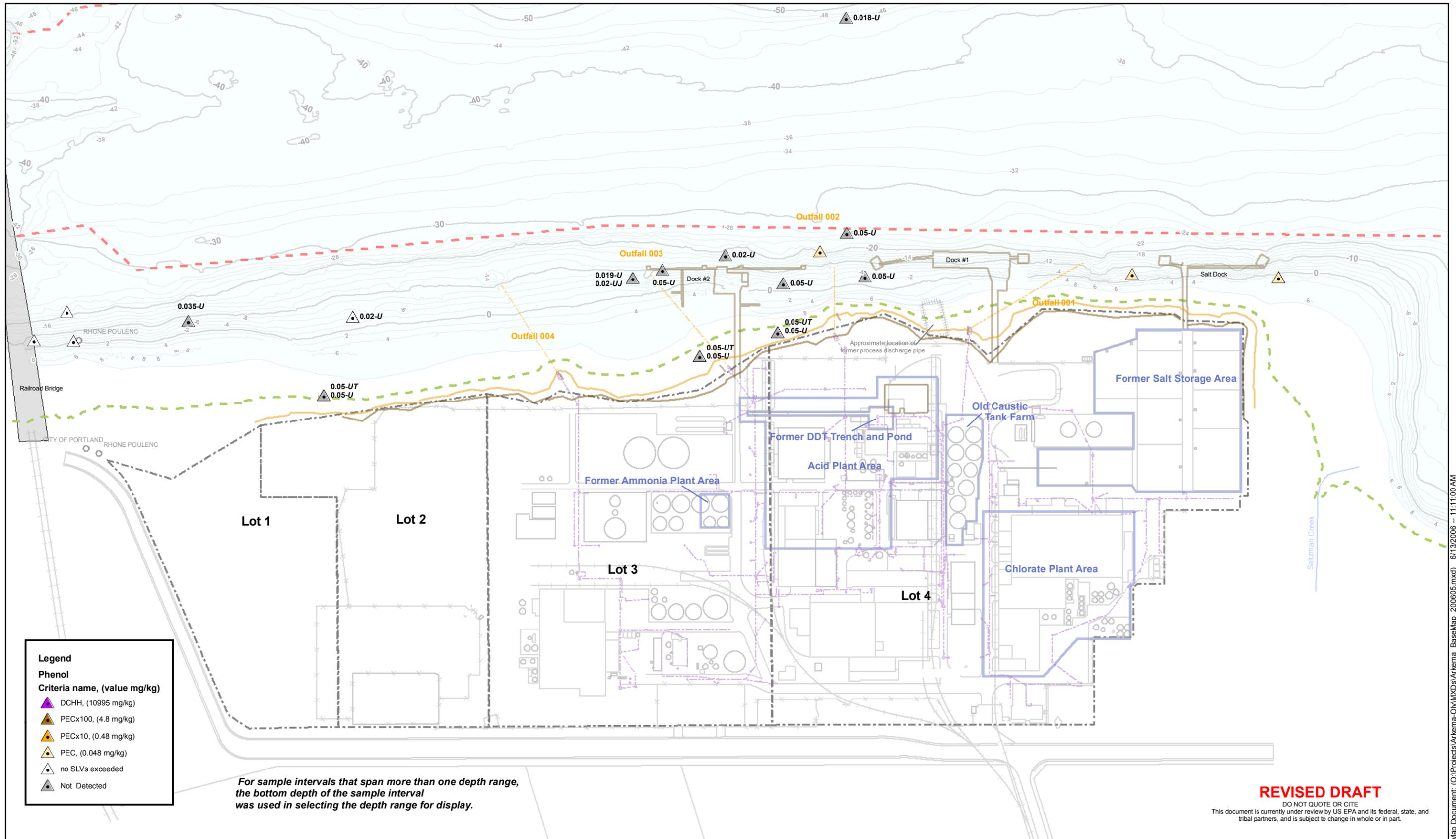
FEATURE SOURCES:

Bathymetric Information: Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.
Vertical Datum: North American Vertical Datum of 1988 (NAVD88).
Horizontal Datum: North American Datum of 1983 - 91 adjusted (NAD83/91), State Plane Coordinate System (SPCS), Oregon North Zone.
Units: International Feet.
Basemap: Basemap features updated in 2006 by David Evans and Associates. Ordinary high water line, top of bank, and other site features surveyed in April 2006.

- Ordinary High Water
- Top of Bank
- E-Sewer-L
- Storm Drain
- 12ft_Contour
- Property Lines
- Navigation Channel
- River
- Outfalls

Map-200
Arkema Site
Surface Water, Transition Zone Water,
and Groundwater Samples
Phenol

Map Document: (O:\Projects\Arkema-01\MXDs\ArkemaSW_DotMap_Screened_20060622.mxd) 6/23/2006 - 6:06:12 PM



Legend

Phenol

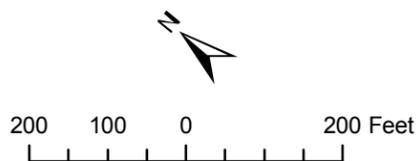
Criteria name, (value mg/kg)

- DCHH, (10995 mg/kg)
- PECx100, (4.8 mg/kg)
- PECx10, (0.48 mg/kg)
- PEC, (0.048 mg/kg)
- no SLVs exceeded
- Not Detected

For sample intervals that span more than one depth range, the bottom depth of the sample interval was used in selecting the depth range for display.

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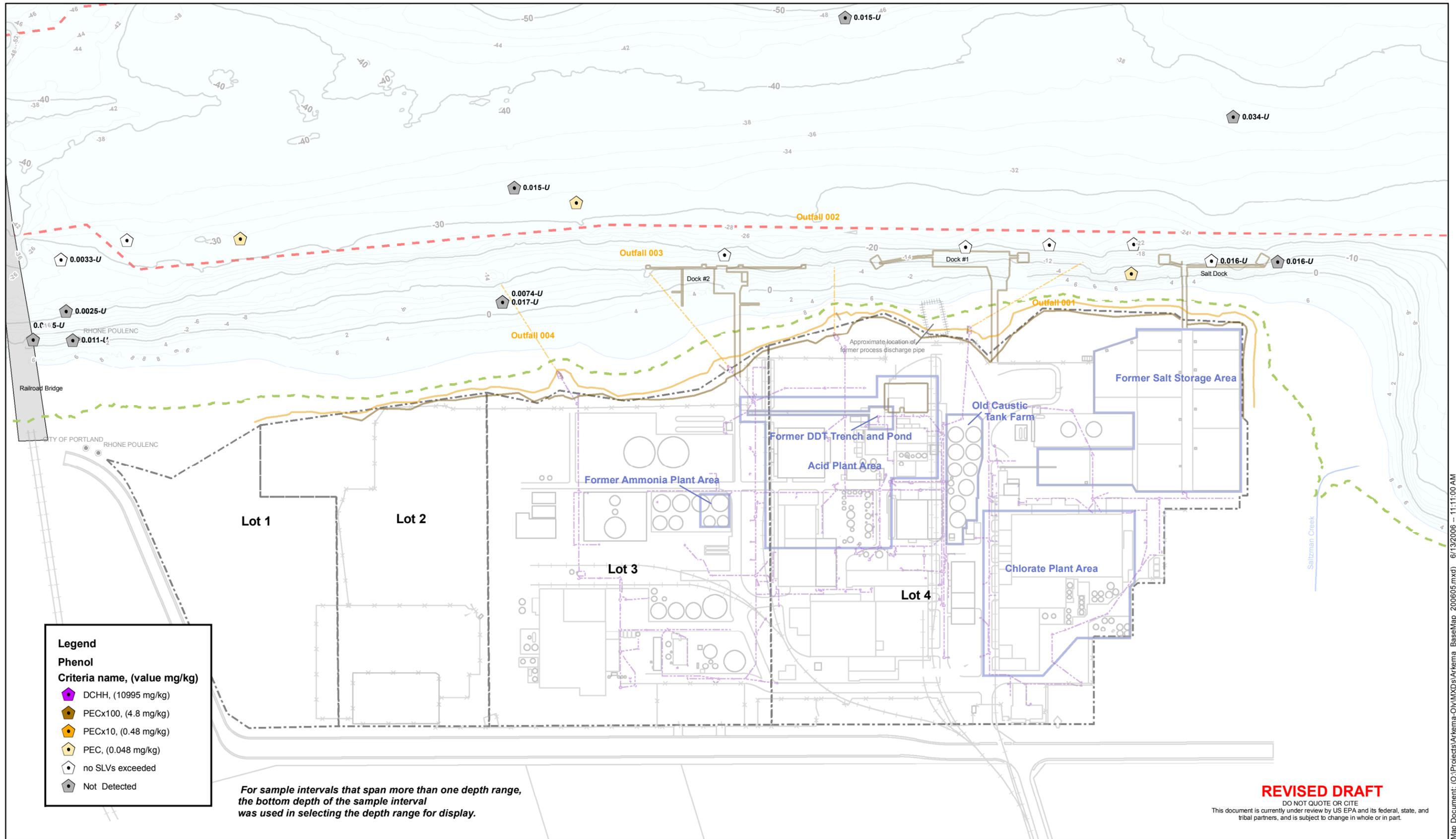


FEATURE SOURCES:
 Bathymetric Information: Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.
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 Units: International Feet.
 Basemap: Basemap features updated in 2006 by David Evans and Associates. Ordinary high water line, top of bank, and other site features surveyed in April 2006. Most buildings and structures on the Arkema site have been demolished or removed.
 OHW and Top of Slope lines were created from the April 2006 DEA survey, the +12ft contour line was derived from the combined lidar/bathymetry grid.
 Lot Lines: Created by importing pdf file from ERM, georeferencing to CAD lines (RMS error = 2.3042) and heads-up digitizing the lot lines.

Ordinary High Water	12ft Contour	Navigation Channel
Top of Bank	Bridges	River
E-Sewer-L	Property Lines	Outfalls
Storm Drain		

Map-202
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Shallow Subsurface (1-4 ft)
Phenol

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema_BaseMap_200605.mxd) 6/13/2006 11:11:00 AM



Legend

Phenol

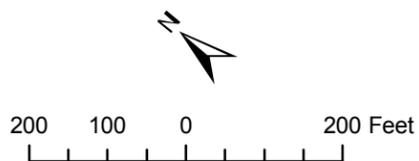
Criteria name, (value mg/kg)

- ◆ DCHH, (10995 mg/kg)
- ◆ PECx100, (4.8 mg/kg)
- ◆ PECx10, (0.48 mg/kg)
- ◆ PEC, (0.048 mg/kg)
- ◆ no SLVs exceeded
- ◆ Not Detected

For sample intervals that span more than one depth range, the bottom depth of the sample interval was used in selecting the depth range for display.

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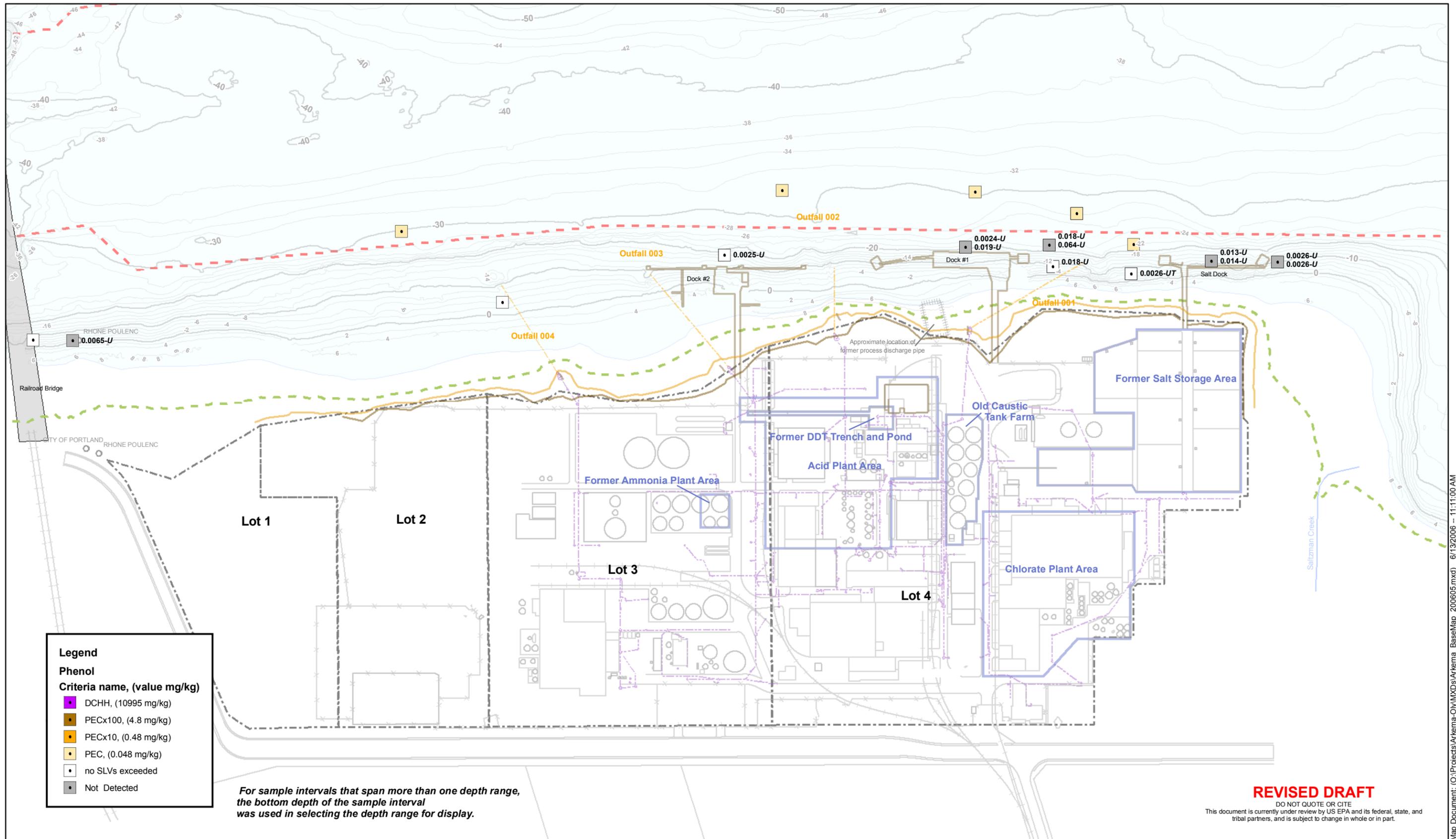


FEATURE SOURCES:
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— Ordinary High Water	- - - 12ft Contour	- - - Navigation Channel
— Top of Bank	— Bridges	— River
- - - E-Sewer-L	— Property Lines	● Outfalls
- - - Storm Drain	- - - Property Lines	●

Map-203
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Intermediate Subsurface (4-8 ft)
Phenol

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema_Basemap_200605.mxd) 6/13/2006 -- 11:11:00 AM



Legend

Phenol

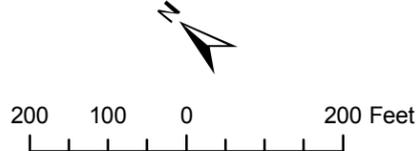
Criteria name, (value mg/kg)

- DCHH, (10995 mg/kg)
- PECx100, (4.8 mg/kg)
- PECx10, (0.48 mg/kg)
- PEC, (0.048 mg/kg)
- no SLVs exceeded
- Not Detected

For sample intervals that span more than one depth range, the bottom depth of the sample interval was used in selecting the depth range for display.

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Ordinary High Water	12ft_Contour	Navigation Channel
Top of Bank	Bridges	River
E-Sewer-L	Property Lines	Outfalls
Storm Drain		

Map-204
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Deep Subsurface (> 8 ft)
Phenol

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema_BaseMap_200605.mxd) 6/13/2006 11:11:00 AM