

Chemistry Legend

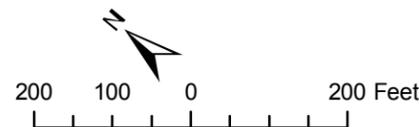
Copper - Surface Water		Copper - Transition Water		Copper - Ground Water	
total_or_dissolved	Exceedance_class	total_or_dissolved	Exceedance_class	total_or_dissolved	Exceedance_class
■	D, MCLx10 (13 mg/l)	●	D, MCLx10 (13 mg/l)	▲	D, MCLx10 (13 mg/l)
■	T, MCLx10 (13 mg/l)	●	T, MCLx10 (13 mg/l)	▲	T, MCLx10 (13 mg/l)
■	D, Acute (0.00403663 mg/l)	●	D, Acute (0.00403663 mg/l)	▲	D, Acute (0.00403663 mg/l)
■	T, Acute (0.00403663 mg/l)	●	T, Acute (0.00403663 mg/l)	▲	T, Acute (0.00403663 mg/l)
■	D, Chronic (0.003 mg/l)	●	D, Chronic (0.003 mg/l)	▲	D, Chronic (0.003 mg/l)
■	T, Chronic (0.003 mg/l)	●	T, Chronic (0.003 mg/l)	▲	T, Chronic (0.003 mg/l)
□	D, None Exceeded	○	D, None Exceeded	△	D, None Exceeded
□	T, None Exceeded	○	T, None Exceeded	△	T, None Exceeded
■	D, Not Detected	●	D, Not Detected	▲	D, Not Detected
■	T, Not Detected	●	T, 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.

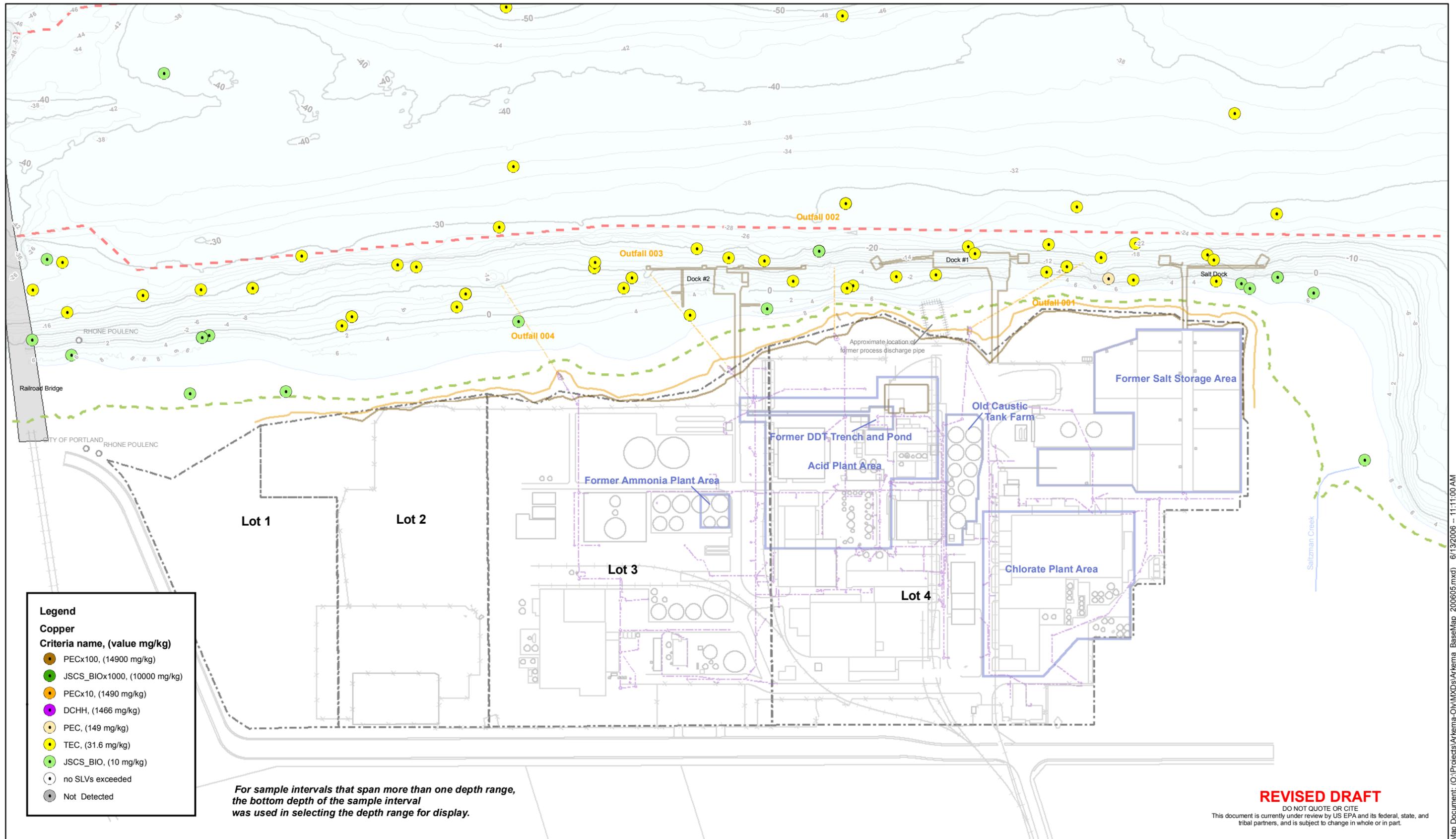


FEATURE SOURCES:

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

Map-294
Arkema Site
Surface Water, Transition Zone Water,
and Groundwater Samples
Copper

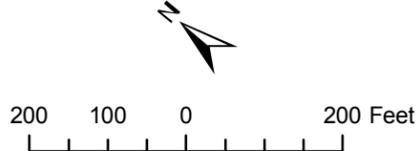


- Legend**
- Copper**
- Criteria name, (value mg/kg)**
- PECx100, (14900 mg/kg)
 - JSCS_BIOx1000, (10000 mg/kg)
 - PECx10, (1490 mg/kg)
 - DCHH, (1466 mg/kg)
 - PEC, (149 mg/kg)
 - TEC, (31.6 mg/kg)
 - JSCS_BIO, (10 mg/kg)
 - no SLVs exceeded
 - Not Detected

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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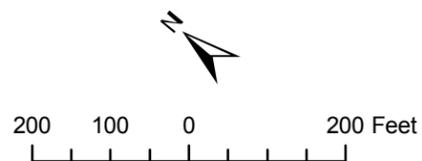
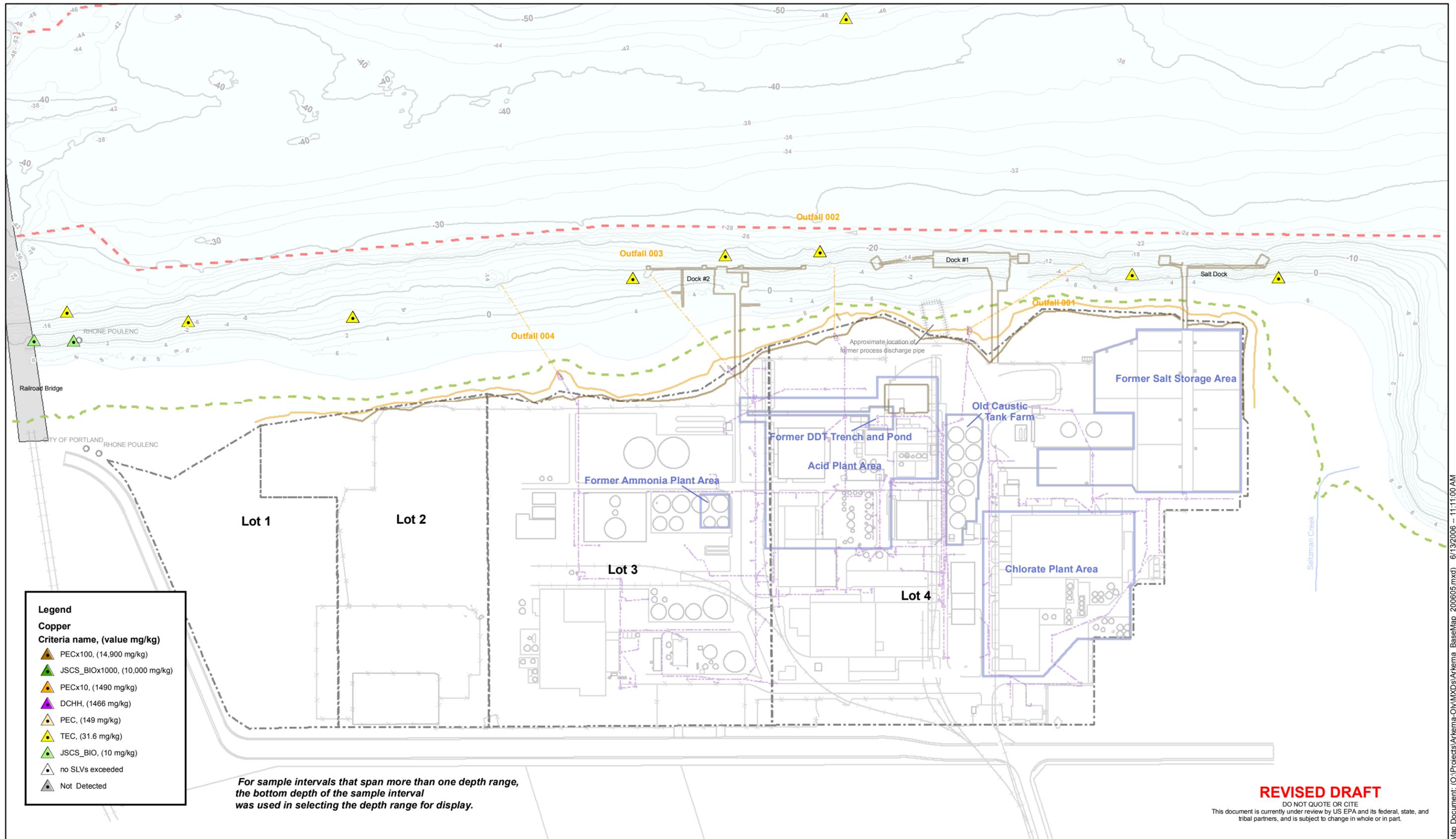


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 Bathymetric Information: Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.
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 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
- Top of Bank
- E-Sewer-L
- Storm Drain
- 12ft_Contour
- Bridges
- Property Lines
- Navigation Channel
- River
- Outfalls

Map-295
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Surface (0-1 ft)
Copper

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

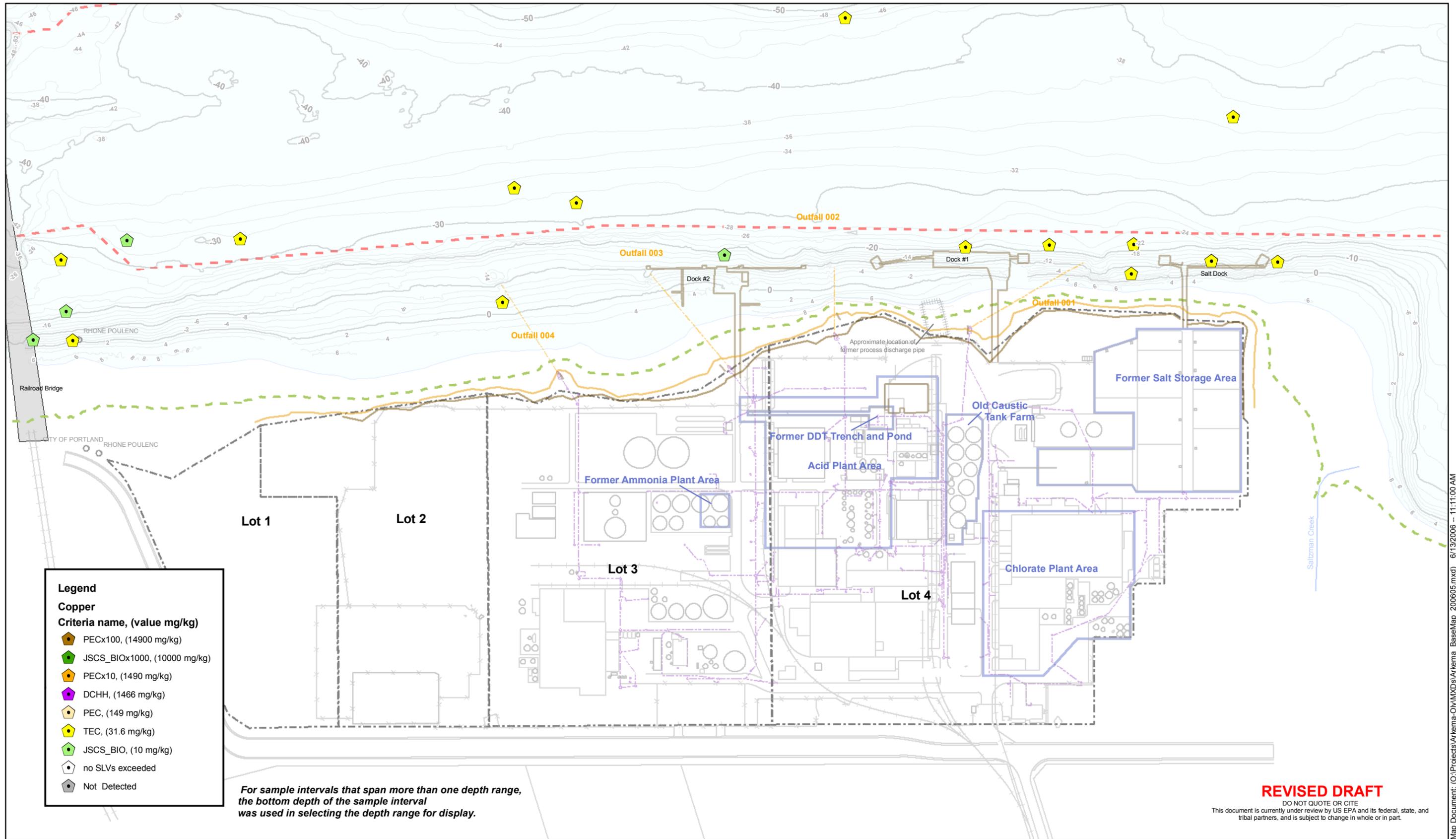


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- Ordinary High Water
- Top of Bank
- E-Sewer-L
- Storm Drain
- 12ft Contour
- Bridges
- Property Lines
- Navigation Channel
- River
- Outfalls

Map-296
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Shallow Subsurface (1-4 ft)
Copper

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



Legend

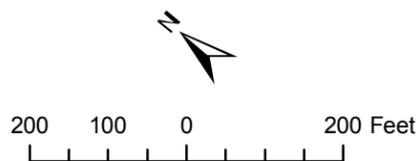
Copper

Criteria name, (value mg/kg)

- ◆ PECx100, (14900 mg/kg)
- ◆ JSCS_BIOx1000, (10000 mg/kg)
- ◆ PECx10, (1490 mg/kg)
- ◆ DCHH, (1466 mg/kg)
- ◆ PEC, (149 mg/kg)
- ◆ TEC, (31.6 mg/kg)
- ◆ JSCS_BIO, (10 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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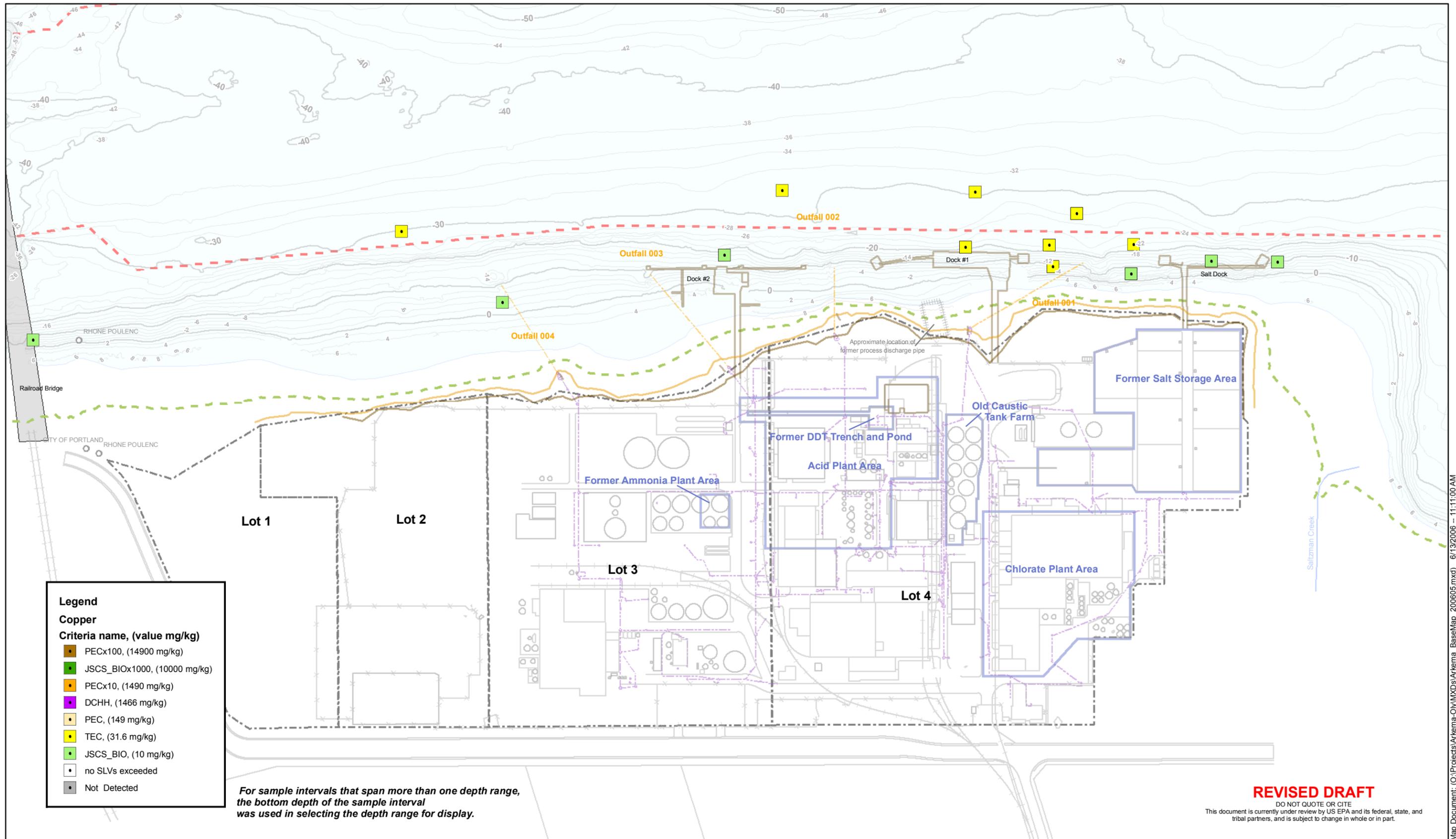


FEATURE SOURCES:
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— Ordinary High Water	- - - 12ft_Contour	- - - Navigation Channel
— Top of Bank	— Bridges	— River
- - - E-Sewer-L	— Property Lines	● Outfalls
- - - Storm Drain	- - - Property Lines	● Outfalls

Map-297
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Intermediate Subsurface (4-8 ft)
Copper

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



Legend

Copper

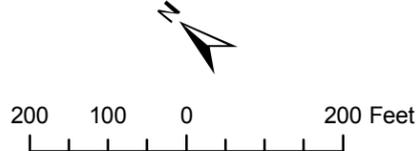
Criteria name, (value mg/kg)

- PECx100, (14900 mg/kg)
- JSCS_BIOx1000, (10000 mg/kg)
- PECx10, (1490 mg/kg)
- DCHH, (1466 mg/kg)
- PEC, (149 mg/kg)
- TEC, (31.6 mg/kg)
- JSCS_BIO, (10 mg/kg)
- no SLVs exceeded
- Not Detected

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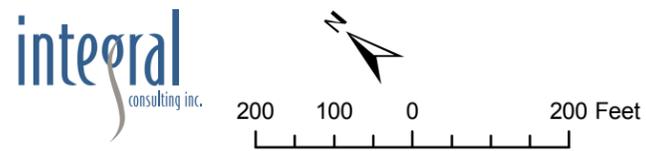
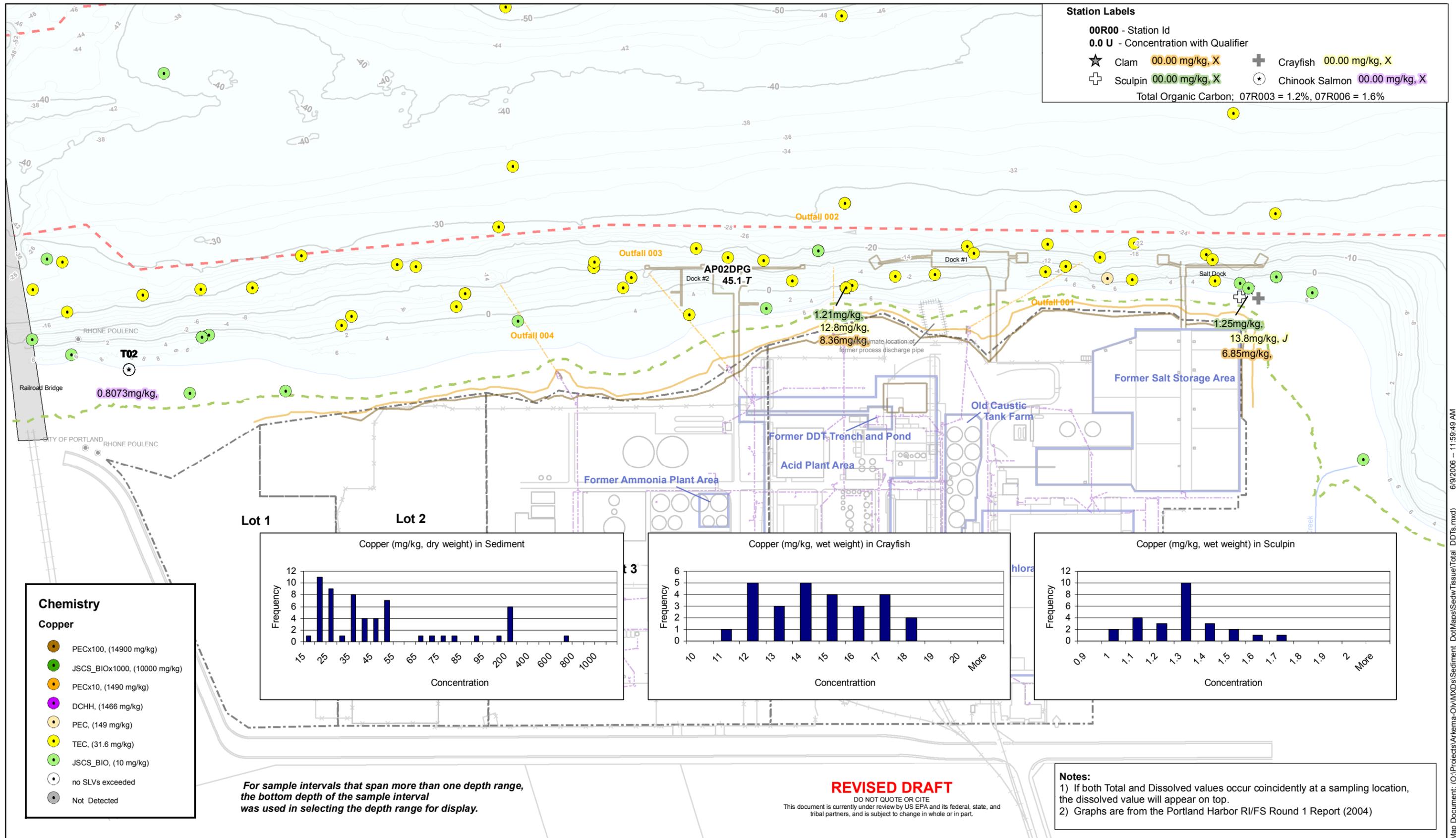


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— Ordinary High Water	— 12ft_Contour	— Navigation Channel
— Top of Bank	— Bridges	— River
— E-Sewer-L	— Property Lines	— Outfalls
— Storm Drain	—	—

Map-298
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Deep Subsurface (> 8 ft)
Copper

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



Map Document: (O:\Projects\Arkema-O\MXDs\Sediment_DotMaps\SedW\Tissue\Total_DDTs.mxd) 6/9/2006 - 11:59:49 AM