

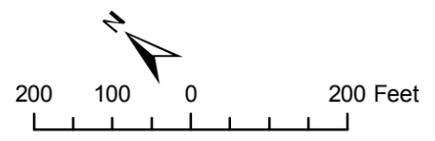
**Chemistry Legend**

Toluene - Surface Water		Toluene - Transition Water		Toluene - Ground Water	
total_or_dissolved, Exceedance_class		total_or_dissolved, Exceedance_class		total_or_dissolved, Exceedance_class	
<span style="color: green;">■</span>	D, HH_Fishx10000 ( 15000 mg/l)	<span style="color: green;">●</span>	D, HH_Fishx10000 ( 150,000 mg/l)	<span style="color: green;">▲</span>	D, HH_Fishx10000 ( 150,000 mg/l)
<span style="color: green;">■</span>	T, HH_Fishx10000 ( 15000 mg/l)	<span style="color: green;">●</span>	T, HH_Fishx10000 ( 150,000 mg/l)	<span style="color: green;">▲</span>	T, HH_Fishx10000 ( 150,000 mg/l)
<span style="color: purple;">■</span>	D, MCLx10 ( 10 mg/l)	<span style="color: purple;">●</span>	D, MCLx10 ( 10 mg/l)	<span style="color: purple;">▲</span>	D, MCLx10 ( 10 mg/l)
<span style="color: purple;">■</span>	T, MCLx10 ( 10 mg/l)	<span style="color: purple;">●</span>	T, MCLx10 ( 10 mg/l)	<span style="color: purple;">▲</span>	T, MCLx10 ( 10 mg/l)
<span style="color: orange;">■</span>	D, Acute ( 0.12 mg/l)	<span style="color: orange;">●</span>	D, Acute ( 0.12 mg/l)	<span style="color: orange;">▲</span>	D, Acute ( 0.12 mg/l)
<span style="color: orange;">■</span>	T, Acute ( 0.12 mg/l)	<span style="color: orange;">●</span>	T, Acute ( 0.12 mg/l)	<span style="color: orange;">▲</span>	T, Acute ( 0.12 mg/l)
<span style="color: yellow;">■</span>	D, Chronic ( 0.0098 mg/l)	<span style="color: yellow;">●</span>	D, Chronic ( 0.0098 mg/l)	<span style="color: yellow;">▲</span>	D, Chronic ( 0.0098 mg/l)
<span style="color: yellow;">■</span>	T, Chronic ( 0.0098 mg/l)	<span style="color: yellow;">●</span>	T, Chronic ( 0.0098 mg/l)	<span style="color: yellow;">▲</span>	T, Chronic ( 0.0098 mg/l)
<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D, None Exceeded	<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D, None Exceeded	<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	D, None Exceeded
<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	T, None Exceeded	<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	T, None Exceeded	<span style="border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>	T, None Exceeded
<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	D, Not Detected	<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	D, Not Detected	<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	D, Not Detected
<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	T, Not Detected	<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	T, Not Detected	<span style="background-color: gray; display: inline-block; width: 10px; height: 10px;"></span>	T, Not Detected

**REVISED 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.

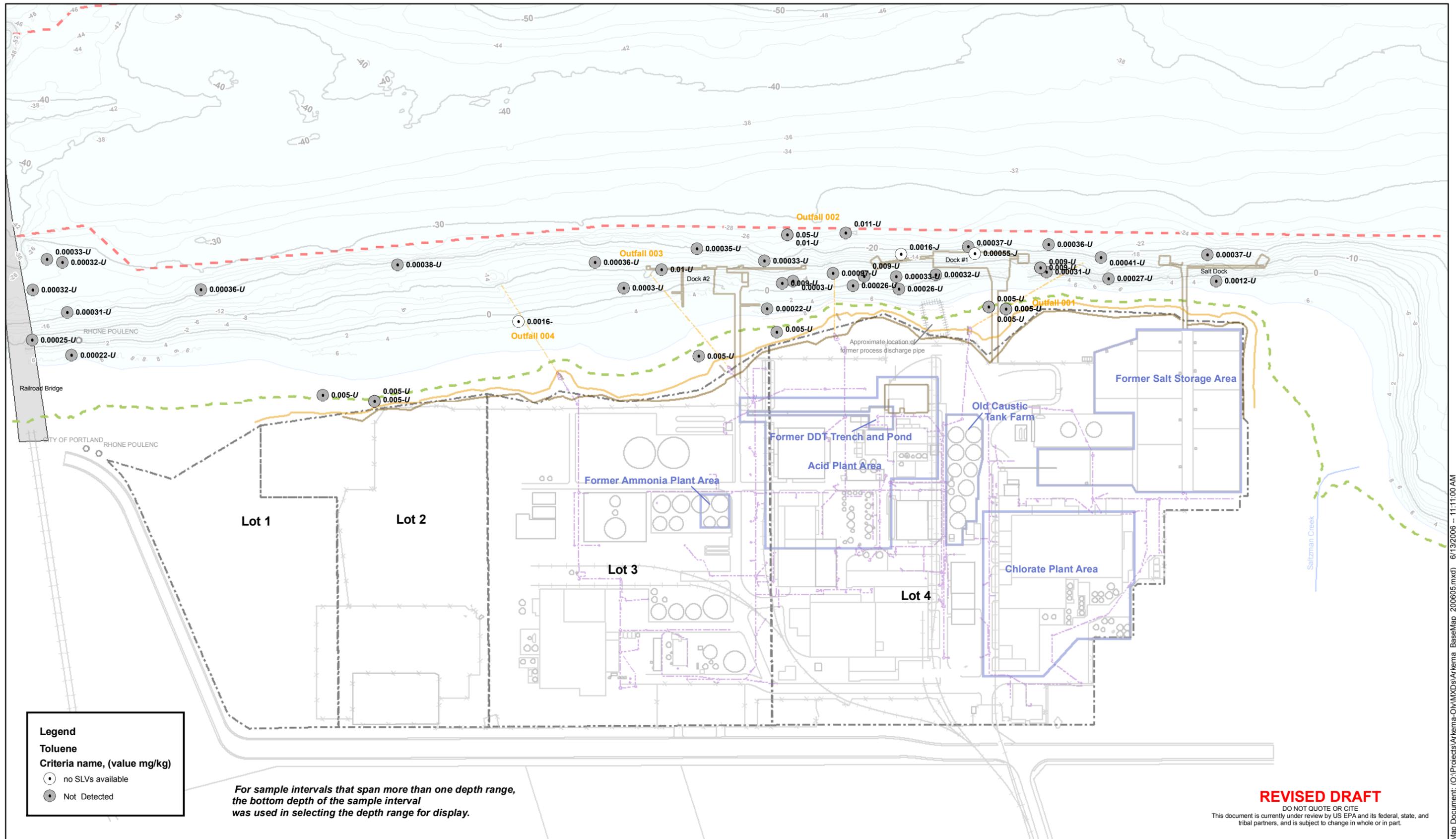


**FEATURE SOURCES:**  
**Bathymetric Information:** Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.  
**Vertical Datum:** North American Vertical 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.

<span style="color: orange;">—</span>	Ordinary High Water	<span style="color: green;">- - -</span>	12ft_Contour	<span style="color: red;">- - -</span>	Navigation Channel
<span style="color: brown;">—</span>	Top of Bank	<span style="color: black;">- - -</span>	Property Lines	<span style="color: blue;">—</span>	River
<span style="color: purple;">- - -</span>	E-Sewer-L	<span style="color: blue;">—</span>	Outfalls		
<span style="color: orange;">- - -</span>	Storm Drain				

**Map-145**  
**Arkema Site**  
**Surface Water, Transition Zone Water,**  
**and Groundwater Samples**  
**Toluene**

Map Document: (O:\Projects\Arkema-01\MXDs\ArkemaSW\_DotMap\_Screened\_20060622.mxd) 6/23/2006 - 6:06:12 PM

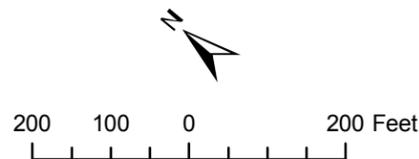


**Legend**  
**Toluene**  
**Criteria name, (value mg/kg)**  
 ○ no SLVs available  
 ● Not Detected

*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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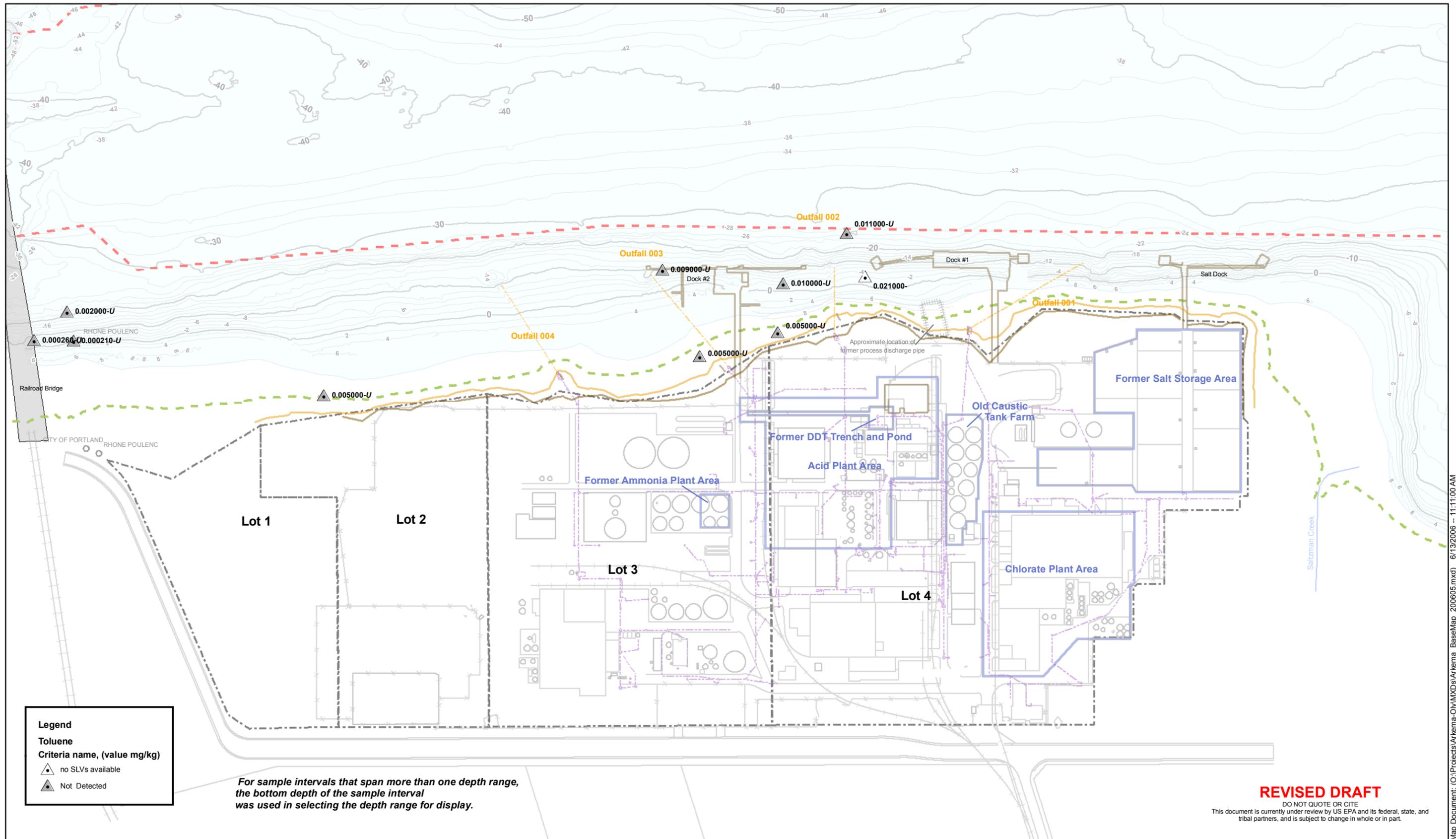


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 Bathymetric Information: Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.  
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 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-146**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Surface (0-1 ft)**  
**Toluene**

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema\_BaseMap\_200605.mxd) 6/13/2006 11:11:00 AM

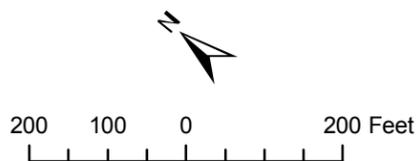


**Legend**  
**Toluene**  
**Criteria name, (value mg/kg)**  
 ▲ no SLVs available  
 ▲ Not Detected

*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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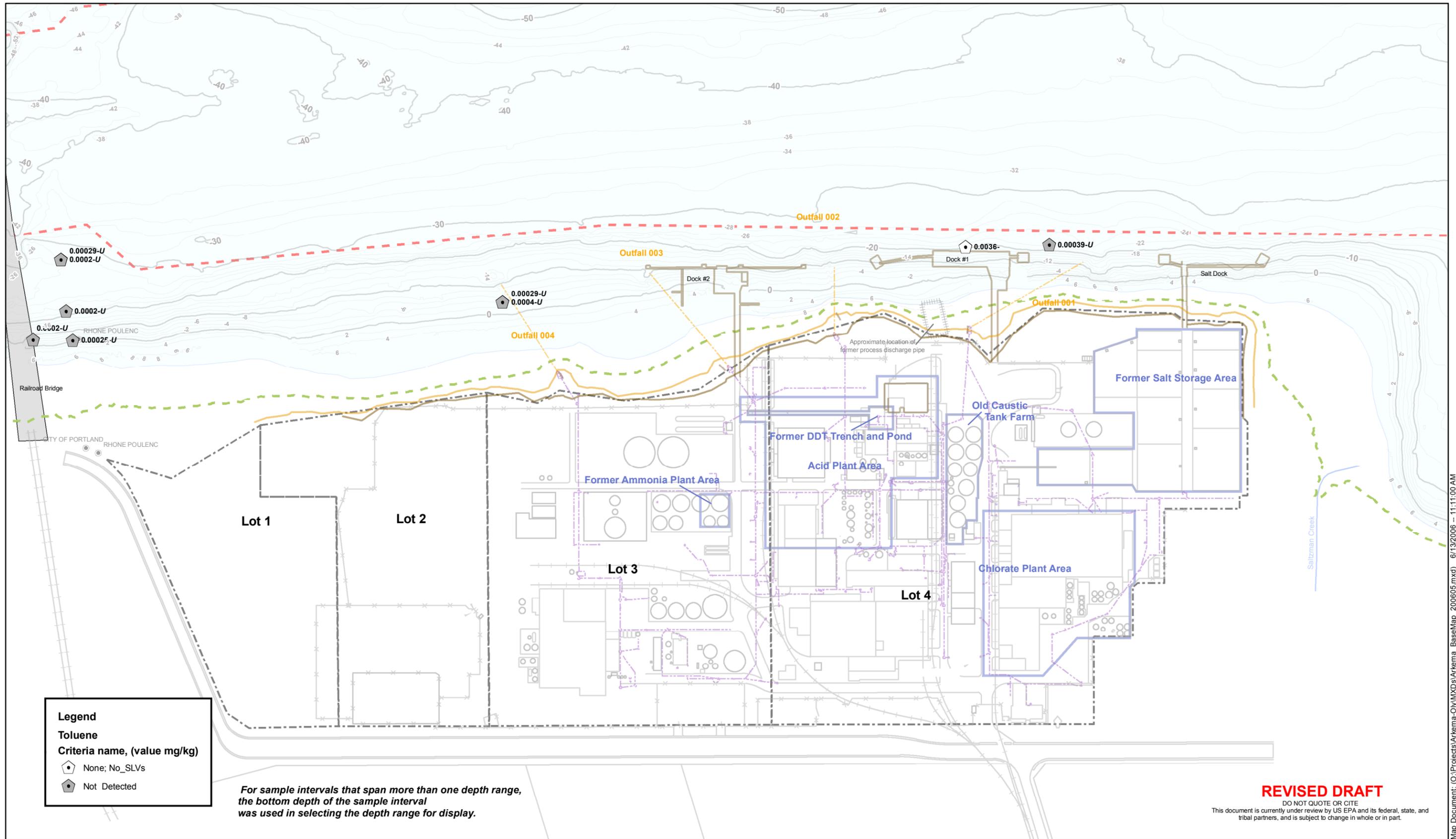


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 Lot Lines: Created by importing pdf file from ERM, georeferencing to CAD lines (RMS error = 2.3042) and heads-up digitizing the lot lines.

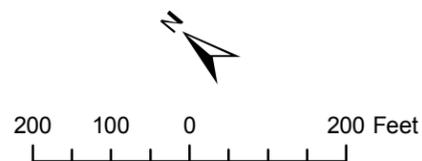
- Ordinary High Water
- Top of Bank
- E-Sewer-L
- Storm Drain
- 12ft Contour
- Bridges
- Property Lines
- Navigation Channel
- River
- Outfalls

**Map-147**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Shallow Subsurface (1-4 ft)**  
**Toluene**

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema\_BaseMap\_200605.mxd) 6/13/2006 11:11:00 AM



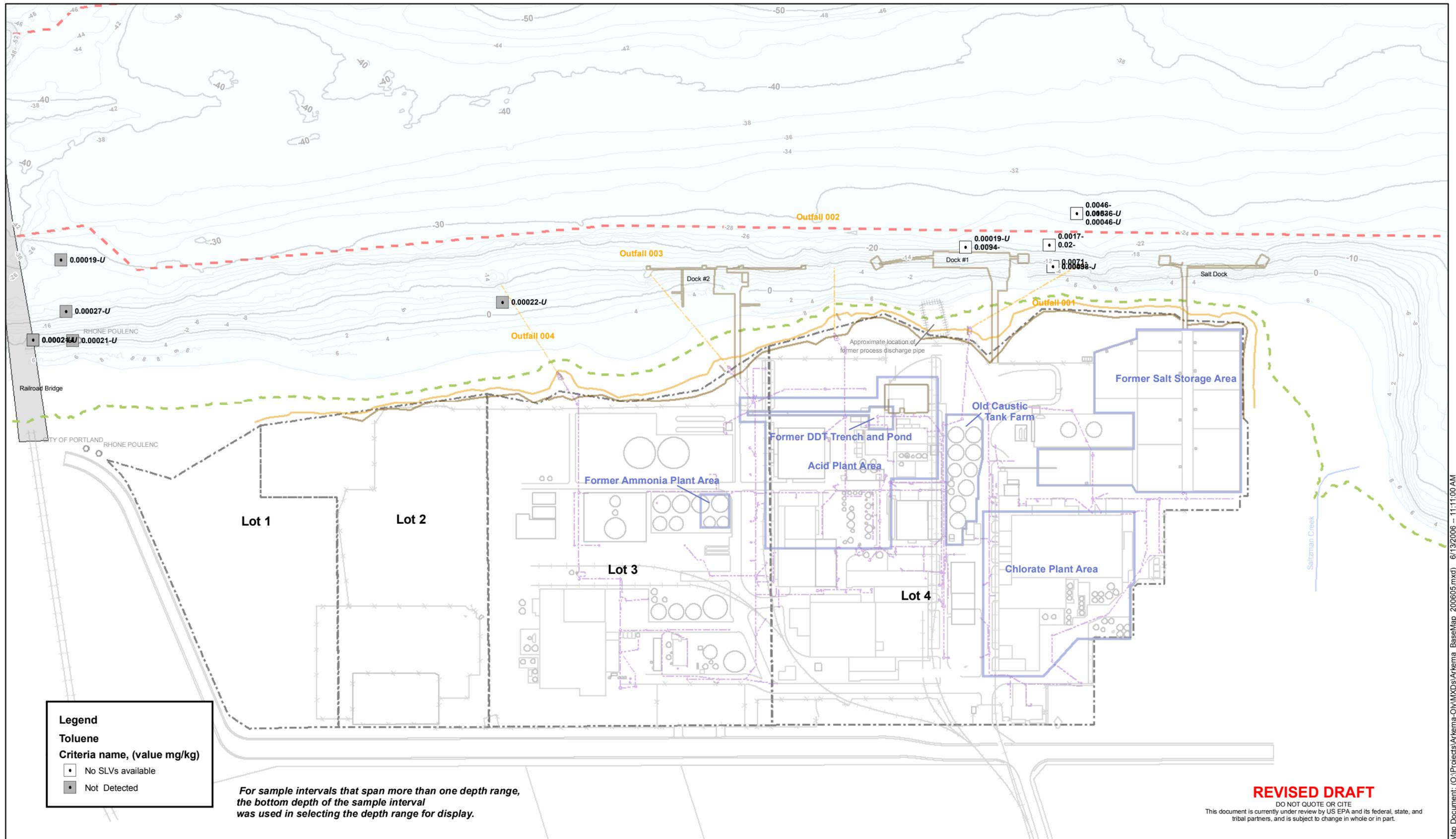
Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema\_BaseMap\_200605.mxd) 6/13/2006 -- 11:11:00 AM



**FEATURE SOURCES:**  
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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-148**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Intermediate Subsurface (4-8 ft)**  
**Toluene**

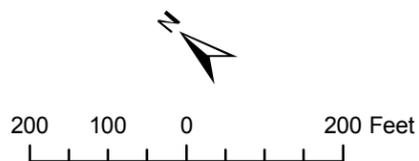


**Legend**  
**Toluene**  
**Criteria name, (value mg/kg)**

- No SLVs available
- Not Detected

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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-149**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Deep Subsurface (> 8 ft)**  
**Toluene**

Map Document: (O:\Projects\Arkema-01\MapDocs\Arkema\_BaseMap\_200605.mxd) 6/13/2006 11:11:00 AM