

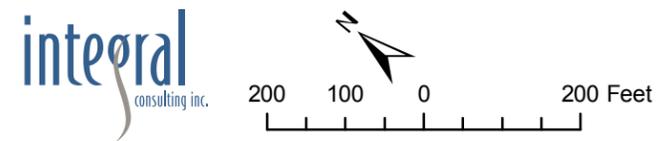
**Chemistry Legend**

Hexachlorobutadiene - Surface Water total_or_dissolved, Exceedance_class	Hexachlorobutadiene - Transition Water total_or_dissolved, Exceedance_class	Hexachlorobutadiene - Ground Water total_or_dissolved, Exceedance_class
<span style="color: green;">■</span> D, HH_Fishx10000 ( 18 mg/l)	<span style="color: green;">●</span> D, HH_Fishx10000 ( 180 mg/l)	<span style="color: green;">▲</span> D, HH_Fishx10000 ( 180 mg/l)
<span style="color: green;">■</span> T, HH_Fishx10000 ( 18 mg/l)	<span style="color: green;">●</span> T, HH_Fishx10000 ( 180 mg/l)	<span style="color: green;">▲</span> T, HH_Fishx10000 ( 180 mg/l)
<span style="color: orange;">■</span> D, Acute ( 0.09 mg/l)	<span style="color: orange;">●</span> D, Acute ( 0.09 mg/l)	<span style="color: orange;">▲</span> D, Acute ( 0.09 mg/l)
<span style="color: orange;">■</span> T, Acute ( 0.09 mg/l)	<span style="color: orange;">●</span> T, Acute ( 0.09 mg/l)	<span style="color: orange;">▲</span> T, Acute ( 0.09 mg/l)
<span style="color: yellow;">■</span> D, Chronic ( 0.0093 mg/l)	<span style="color: yellow;">●</span> D, Chronic ( 0.0093 mg/l)	<span style="color: yellow;">▲</span> D, Chronic ( 0.0093 mg/l)
<span style="color: yellow;">■</span> T, Chronic ( 0.0093 mg/l)	<span style="color: yellow;">●</span> T, Chronic ( 0.0093 mg/l)	<span style="color: yellow;">▲</span> T, Chronic ( 0.0093 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; border-radius: 50%; display: inline-block; width: 10px; height: 10px;"></span> D, None Exceeded	<span style="border: 1px solid black; border-left: none; border-right: none; border-top: none; border-bottom: none; display: inline-block; width: 10px; height: 10px;"></span> D, None Exceeded
<span style="border: 1px solid black; border-radius: 50%; display: inline-block; width: 10px; height: 10px;"></span> T, None Exceeded	<span style="border: 1px solid black; border-radius: 50%; display: inline-block; width: 10px; height: 10px;"></span> T, None Exceeded	<span style="border: 1px solid black; border-left: none; border-right: none; border-top: none; border-bottom: none; 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; border-radius: 50%; display: inline-block; width: 10px; height: 10px;"></span> D, Not Detected	<span style="background-color: gray; border-left: none; border-right: none; border-top: none; border-bottom: none; display: inline-block; width: 10px; height: 10px;"></span> D, Not Detected
<span style="background-color: gray; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> T, Not Detected	<span style="background-color: gray; border-radius: 50%; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> T, Not Detected	<span style="background-color: gray; border-left: none; border-right: none; border-top: none; border-bottom: none; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> T, Not Detected

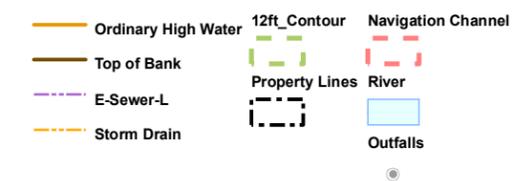
**REVISED DRAFT**

DO NOT QUOTE OR CITE  
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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.

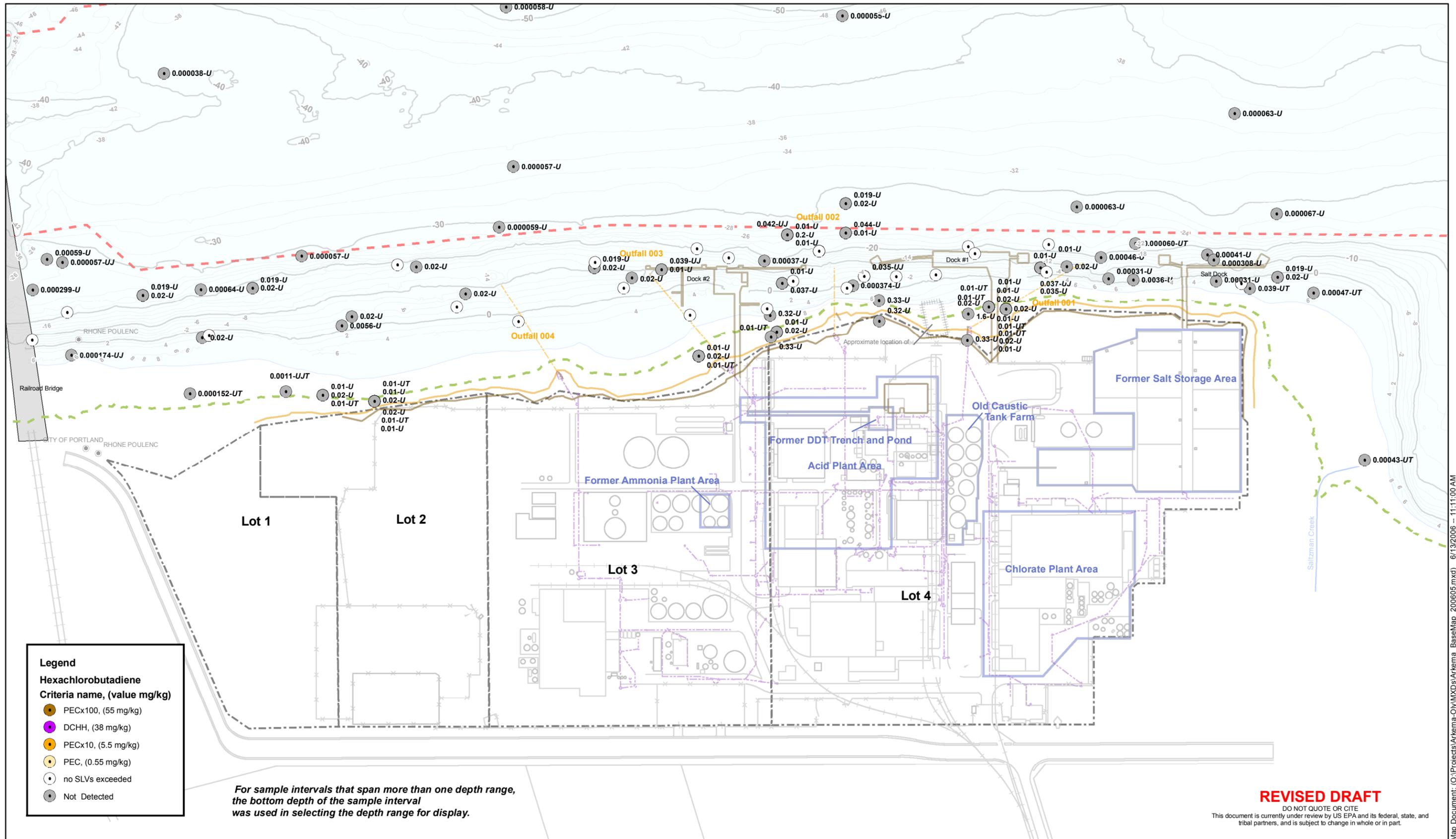


**FEATURE SOURCES:**  
**Bathymetric Information:** Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.  
**Vertical Datum:** North American Vertical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



**Map-261**  
**Arkema Site**  
**Surface Water, Transition Zone Water,**  
**and Groundwater Samples**  
**Hexachlorobutadiene**

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



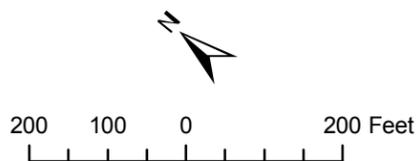
**Legend**

**Hexachlorobutadiene**  
**Criteria name, (value mg/kg)**

- PECx100, (55 mg/kg)
- DCHH, (38 mg/kg)
- PECx10, (5.5 mg/kg)
- PEC, (0.55 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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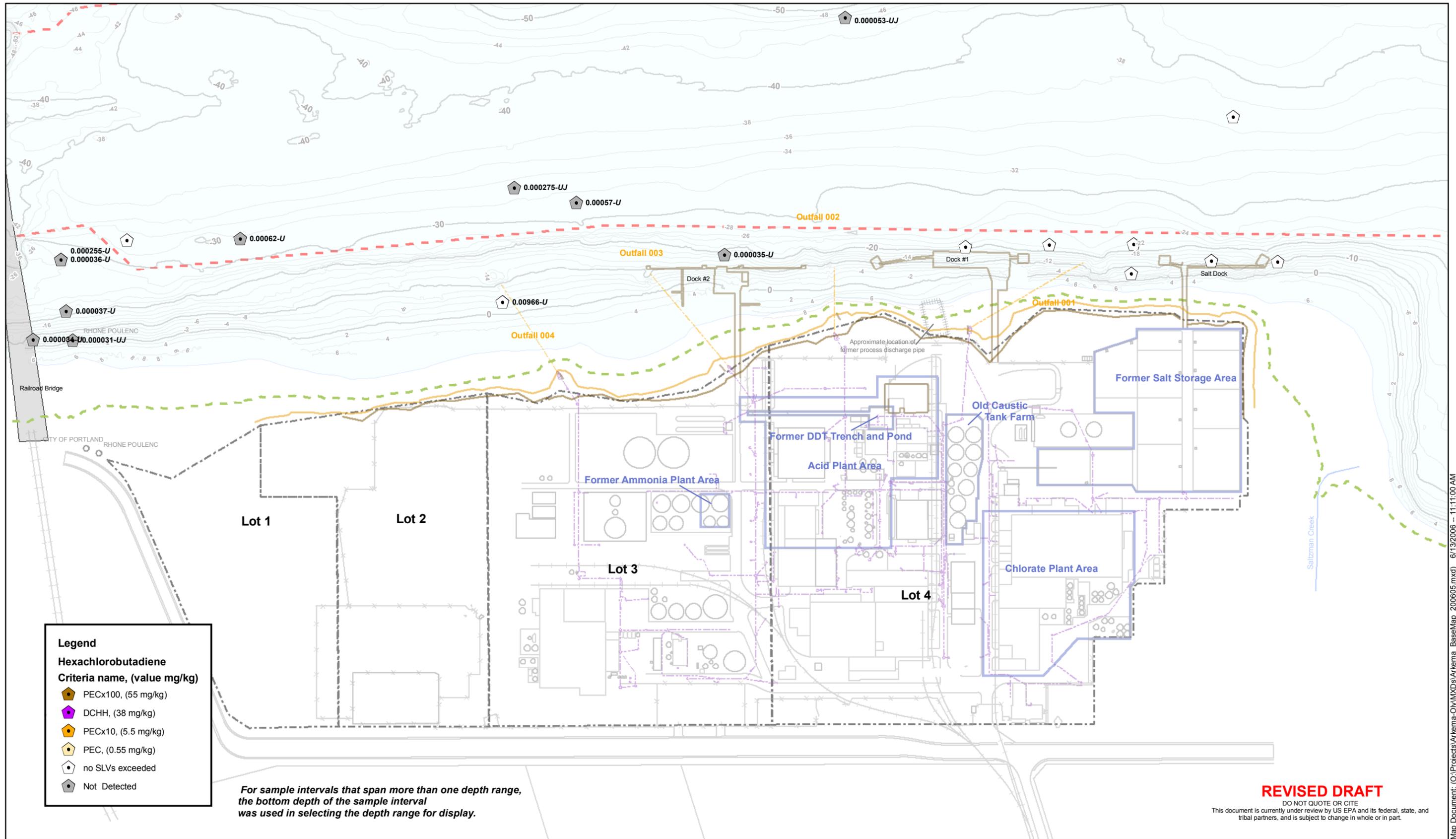
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 Units: International Feet.  
 Basemap: Basemap features updated in 2006 by David Evans and Associates. Ordinary high water line, top of bank, and other site features surveyed in April 2006. Most buildings and structures on the Arkema site have been 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-262**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Surface (0-1 ft)**  
**Hexachlorobutadiene**

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





**Legend**

**Hexachlorobutadiene**

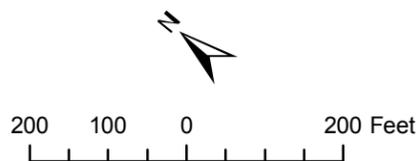
**Criteria name, (value mg/kg)**

- PECx100, (55 mg/kg)
- DCHH, (38 mg/kg)
- PECx10, (5.5 mg/kg)
- PEC, (0.55 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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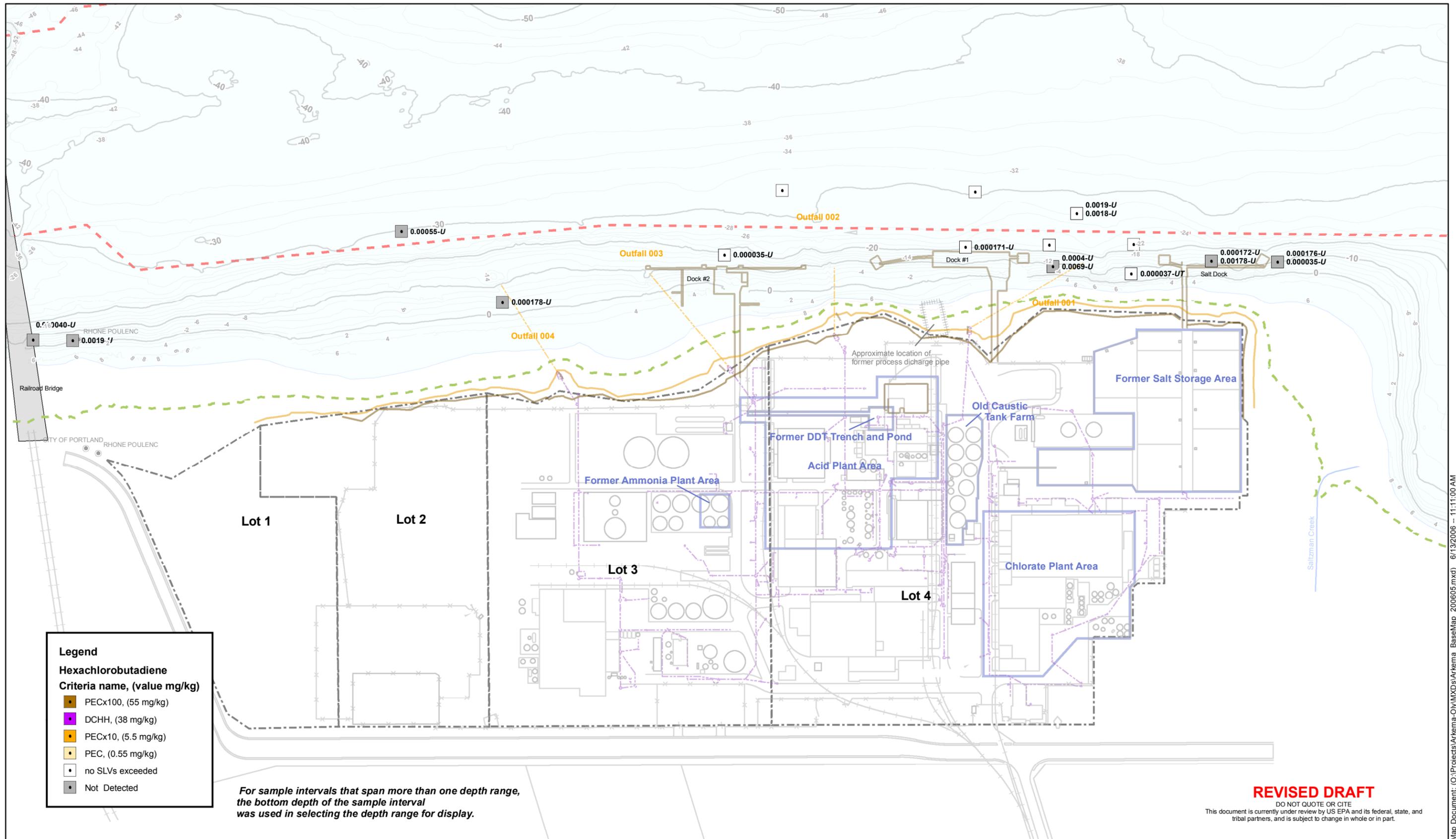


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Ordinary High Water	12ft Contour	Navigation Channel
Top of Bank	Bridges	River
E-Sewer-L	Property Lines	Outfalls
Storm Drain		

**Map-264**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Intermediate Subsurface (4-8 ft)**  
**Hexachlorobutadiene**

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



**Legend**

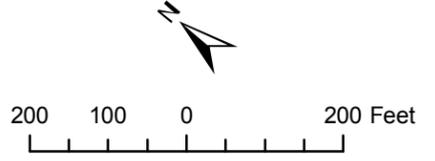
**Hexachlorobutadiene**  
Criteria name, (value mg/kg)

■	PECx100, (55 mg/kg)
■	DCHH, (38 mg/kg)
■	PECx10, (5.5 mg/kg)
■	PEC, (0.55 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.*

**REVISED DRAFT**

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 Vertical Datum: North American Vertical Datum of 1988 (NAVD88).  
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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	—	12ft_Contour	—	Navigation Channel
—	Top of Bank	—	Bridges	—	River
—	E-Sewer-L	—	Property Lines	—	Outfalls
—	Storm Drain	—		—	

**Map-265**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Deep Subsurface (> 8 ft)**  
**Hexachlorobutadiene**

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