

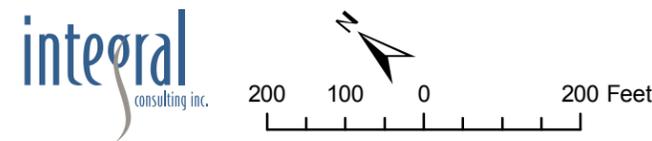
**Chemistry Legend**

gamma Hexachlorocyclohexane - Surface Water total_or_dissolved, Exceedance_class	gamma Hexachlorocyclohexane - Transition Water total_or_dissolved, Exceedance_class	gamma Hexachlorocyclohexane - Ground Water total_or_dissolved, Exceedance_class
■ D, HH_Fishx10000 ( 1.8 mg/l)	● D, HH_Fishx10000 ( 18 mg/l)	▲ D, HH_Fishx10000 ( 18 mg/l)
■ T, HH_Fishx10000 ( 1.8 mg/l)	● T, HH_Fishx10000 ( 18 mg/l)	▲ T, HH_Fishx10000 ( 18 mg/l)
■ D, Acute ( 0.00095 mg/l)	● D, Acute ( 0.00095 mg/l)	▲ D, Acute ( 0.00095 mg/l)
■ T, Acute ( 0.00095 mg/l)	● T, Acute ( 0.00095 mg/l)	▲ T, Acute ( 0.00095 mg/l)
■ D, Chronic ( 0.00008 mg/l)	● D, Chronic ( 0.00008 mg/l)	▲ D, Chronic ( 0.00008 mg/l)
■ T, Chronic ( 0.00008 mg/l)	● T, Chronic ( 0.00008 mg/l)	▲ T, Chronic ( 0.00008 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

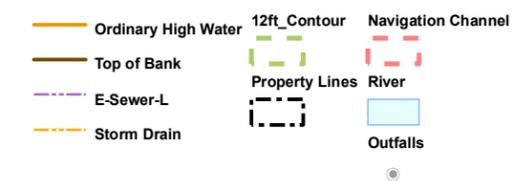
**REVISED DRAFT**

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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.

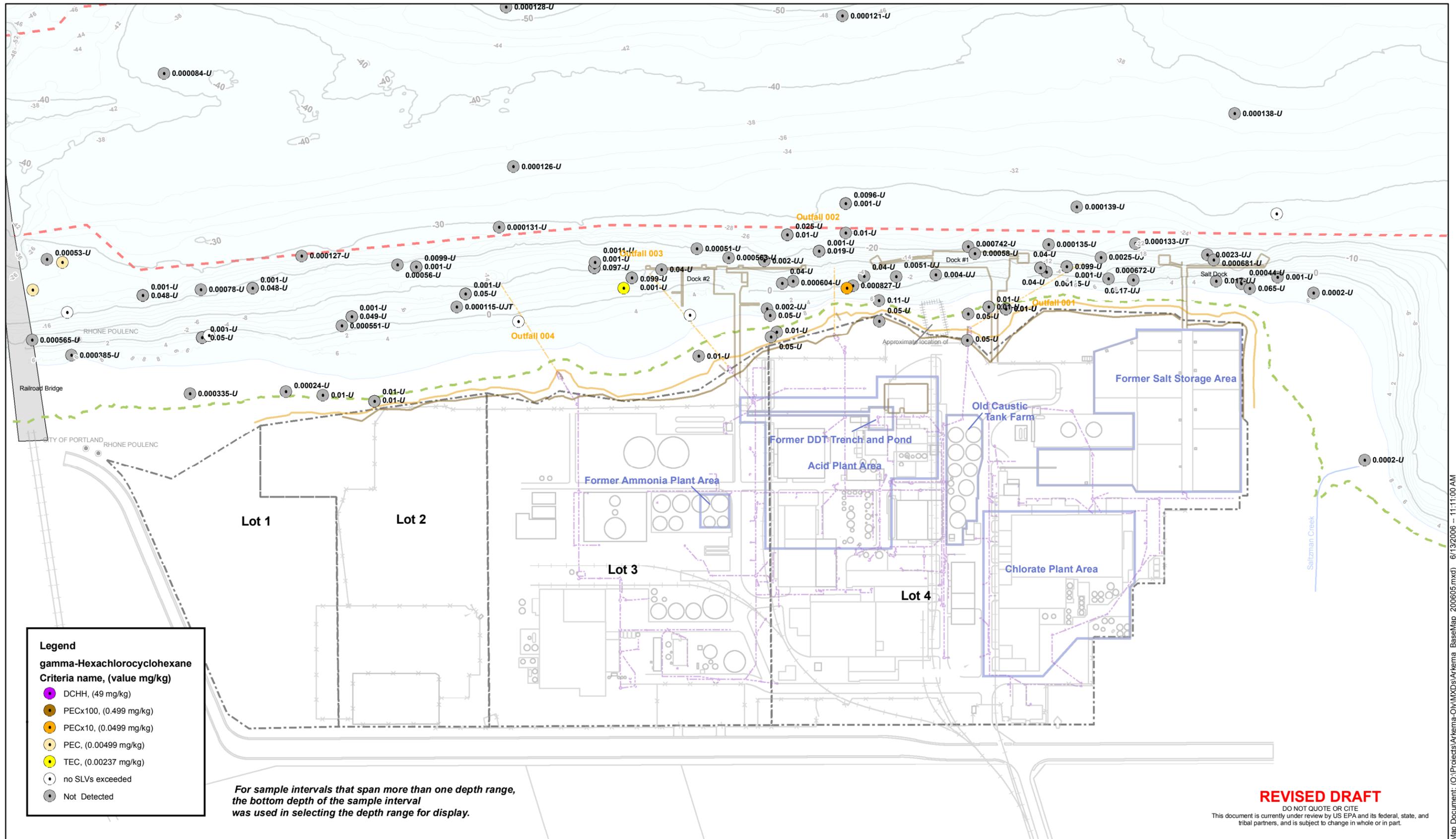


**FEATURE SOURCES:**  
**Bathymetric Information:** Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.  
**Vertical Datum:** North American Vertical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



**Map-246**  
**Arkema Site**  
**Surface Water, Transition Zone Water,**  
**and Groundwater Samples**  
**gamma-Hexachlorocyclohexane**

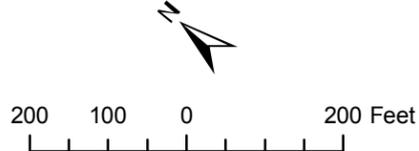
Map Document: (O:\Projects\Arkema-01\MXDs\ArkemaSW\_DotMap\_Screened\_20060622.mxd) 6/23/2006 - 6:06:12 PM



- Legend**
- gamma-Hexachlorocyclohexane**
- Criteria name, (value mg/kg)**
- DCHH, (49 mg/kg)
  - PECx100, (0.499 mg/kg)
  - PECx10, (0.0499 mg/kg)
  - PEC, (0.00499 mg/kg)
  - TEC, (0.00237 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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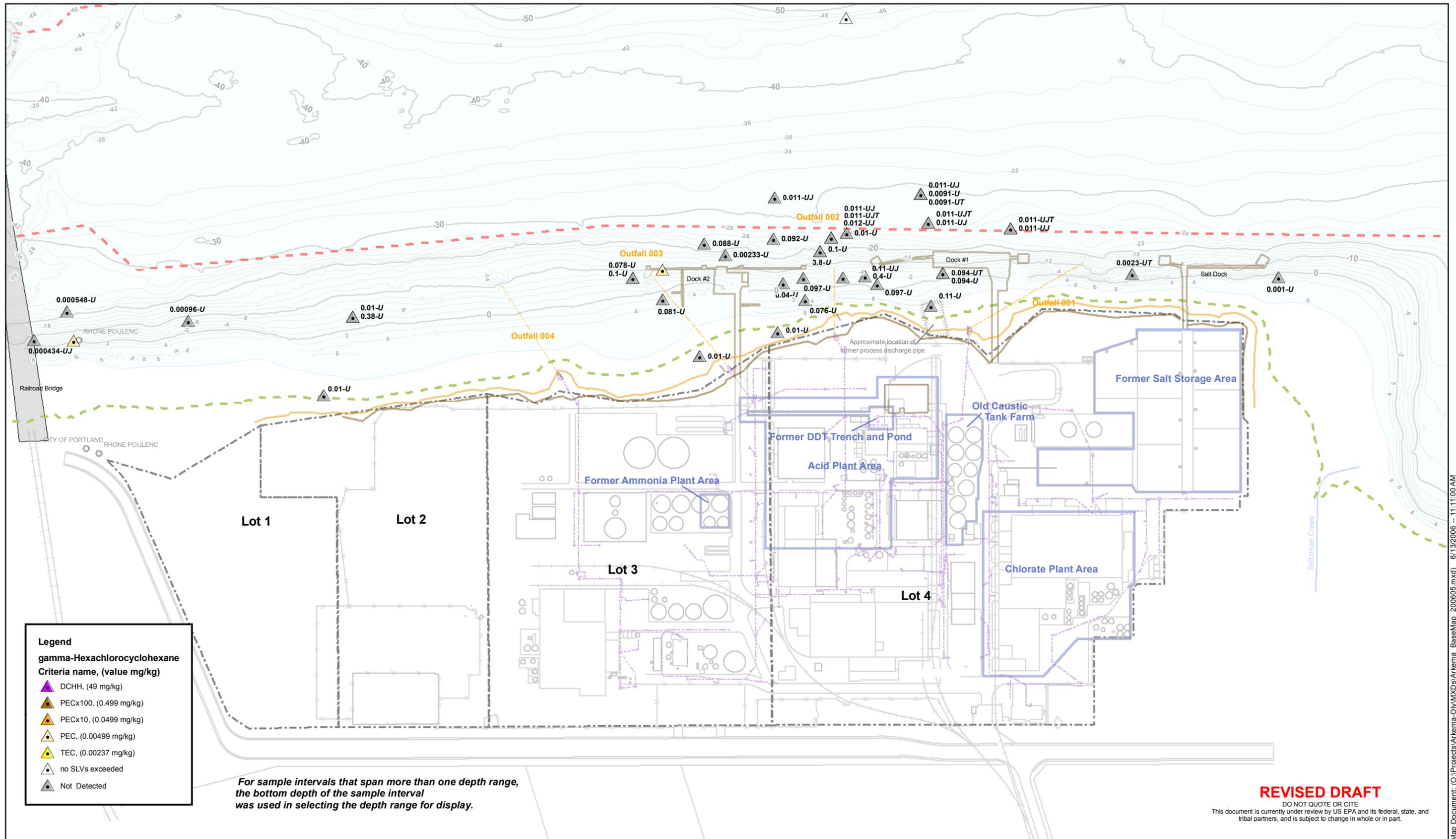


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 OHW and Top of Slope lines were created from the April 2006 DEA survey, the +12ft contour line was derived from the combined lidar/bathymetry grid.  
 Lot Lines: Created by importing pdf file from ERM, georeferencing to CAD lines (RMS error = 2.3042) 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-247**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Surface (0-1 ft)**  
**gamma-Hexachlorocyclohexane**

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



**Legend**

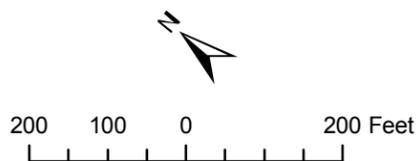
**gamma-Hexachlorocyclohexane**  
Criteria name, (value mg/kg)

- DCHH, (49 mg/kg)
- PECx100, (0.499 mg/kg)
- PECx10, (0.0499 mg/kg)
- PEC, (0.00499 mg/kg)
- TEC, (0.00237 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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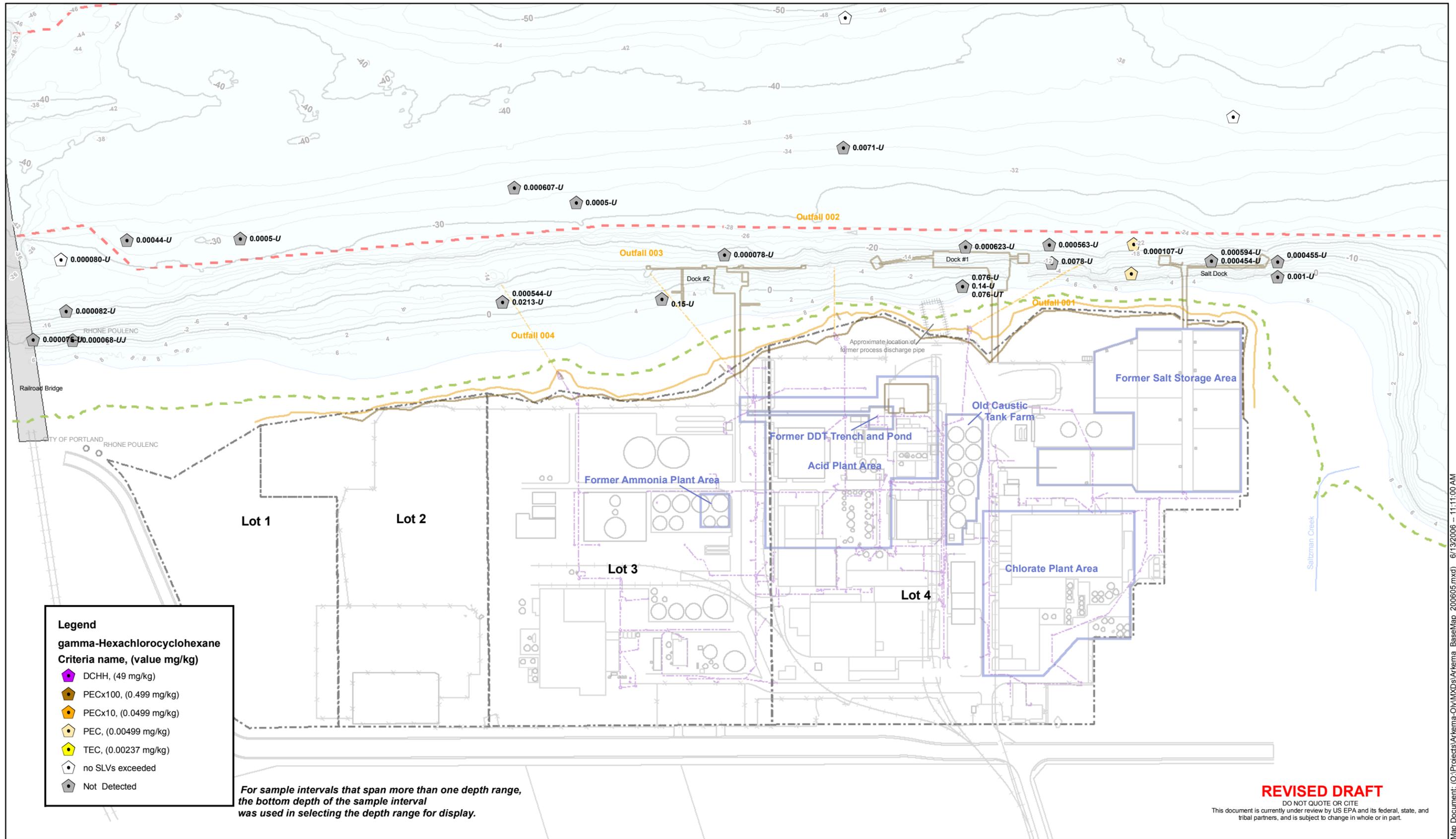


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Ordinary High Water	12ft Contour	Navigation Channel
Top of Bank	Bridges	River
E-Sewer-L	Property Lines	Outfalls
Storm Drain		

**Map-248**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Shallow Subsurface (1-4 ft)**  
**gamma-Hexachlorocyclohexane**

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

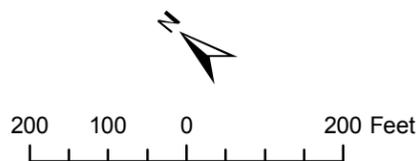


**Legend**  
**gamma-Hexachlorocyclohexane**  
**Criteria name, (value mg/kg)**

- ◆ DCHH, (49 mg/kg)
- ◆ PECx100, (0.499 mg/kg)
- ◆ PECx10, (0.0499 mg/kg)
- ◆ PEC, (0.00499 mg/kg)
- ◆ TEC, (0.00237 mg/kg)
- ◆ no SLVs exceeded
- ◆ Not Detected

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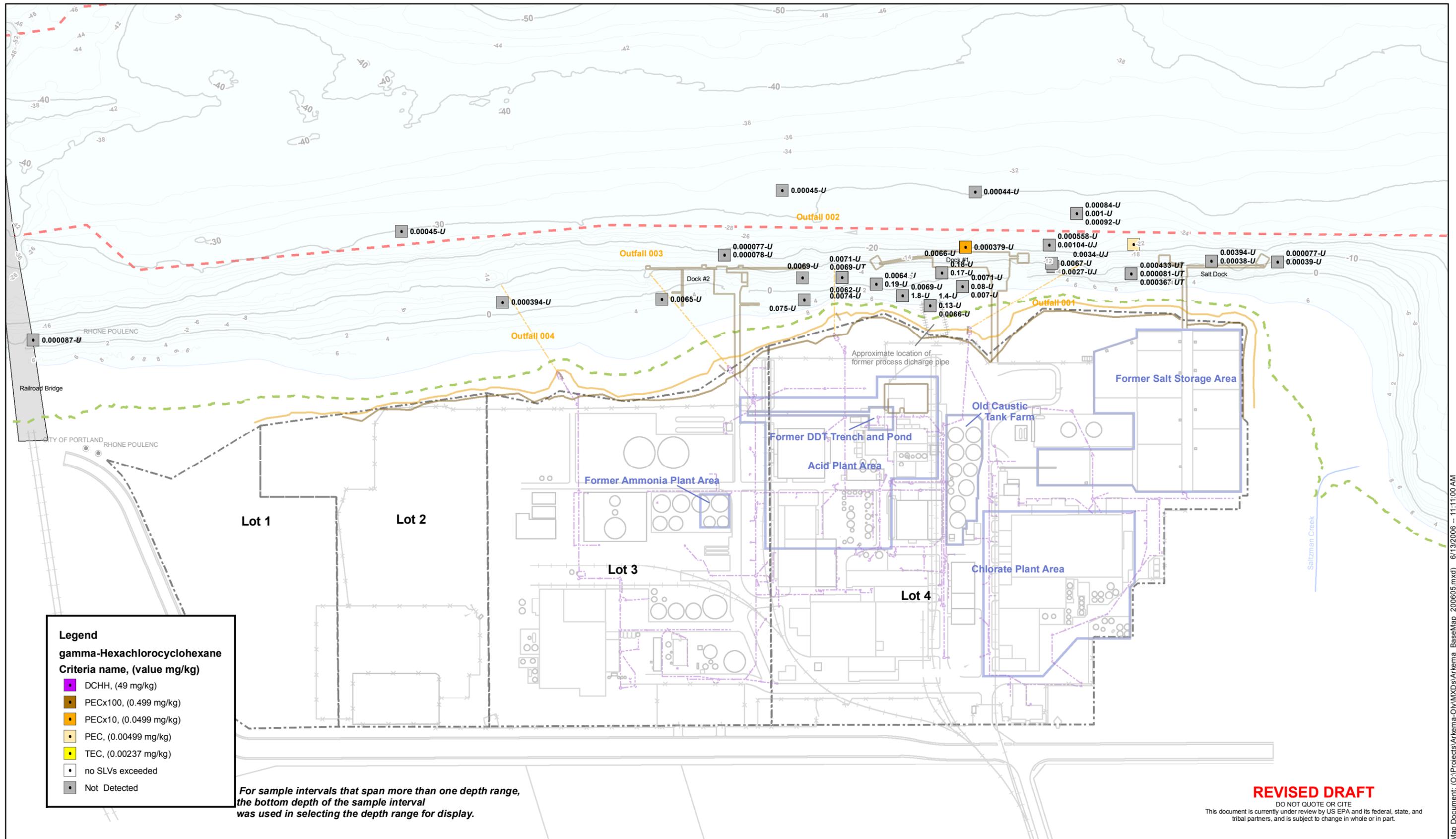


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<span style="color: orange;">—</span> Ordinary High Water	<span style="color: green;">- - -</span> 12ft Contour	<span style="color: red;">- - -</span> Navigation Channel
<span style="color: brown;">—</span> Top of Bank	<span style="color: grey;">—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

**Map-249**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Intermediate Subsurface (4-8 ft)**  
**gamma-Hexachlorocyclohexane**

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

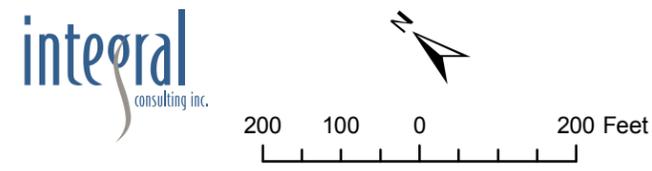


**Legend**  
**gamma-Hexachlorocyclohexane**  
**Criteria name, (value mg/kg)**

■	DCHH, (49 mg/kg)
■	PECx100, (0.499 mg/kg)
■	PECx10, (0.0499 mg/kg)
■	PEC, (0.00499 mg/kg)
■	TEC, (0.00237 mg/kg)
□	no SLVs exceeded
■	Not Detected

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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-250**  
**Arkema Site**  
**Surface & Sub-Surface Sediment Samples**  
**Depth Range: Deep Subsurface (> 8 ft)**  
**gamma-Hexachlorocyclohexane**

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