

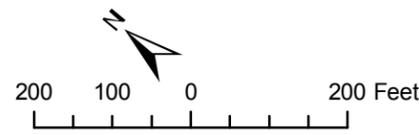
Chemistry Legend

beta-Endosulfan - Surface Water		beta-Endosulfan - Transition Water		beta-Endosulfan - Ground Water	
total_or_dissolved, Exceedance_class		total_or_dissolved, Exceedance_class		total_or_dissolved, Exceedance_class	
■	D, HH_Fishx10000 (89 mg/l)	●	D, HH_Fishx10000 (890 mg/l)	▲	D, HH_Fishx10000 (890 mg/l)
■	T, HH_Fishx10000 (89 mg/l)	●	T, HH_Fishx10000 (890 mg/l)	▲	T, HH_Fishx10000 (890 mg/l)
■	D, Acute (0.00022 mg/l)	●	D, Acute (0.00022 mg/l)	▲	D, Acute (0.00022 mg/l)
■	T, Acute (0.00022 mg/l)	●	T, Acute (0.00022 mg/l)	▲	T, Acute (0.00022 mg/l)
■	D, Chronic (0.000056 mg/l)	●	D, Chronic (0.000056 mg/l)	▲	D, Chronic (0.000056 mg/l)
■	T, Chronic (0.000056 mg/l)	●	T, Chronic (0.000056 mg/l)	▲	T, Chronic (0.000056 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

DO NOT QUOTE OR CITE
This document is currently under review by US EPA and its federal, state, and tribal partners, and is subject to change in whole or in part.

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

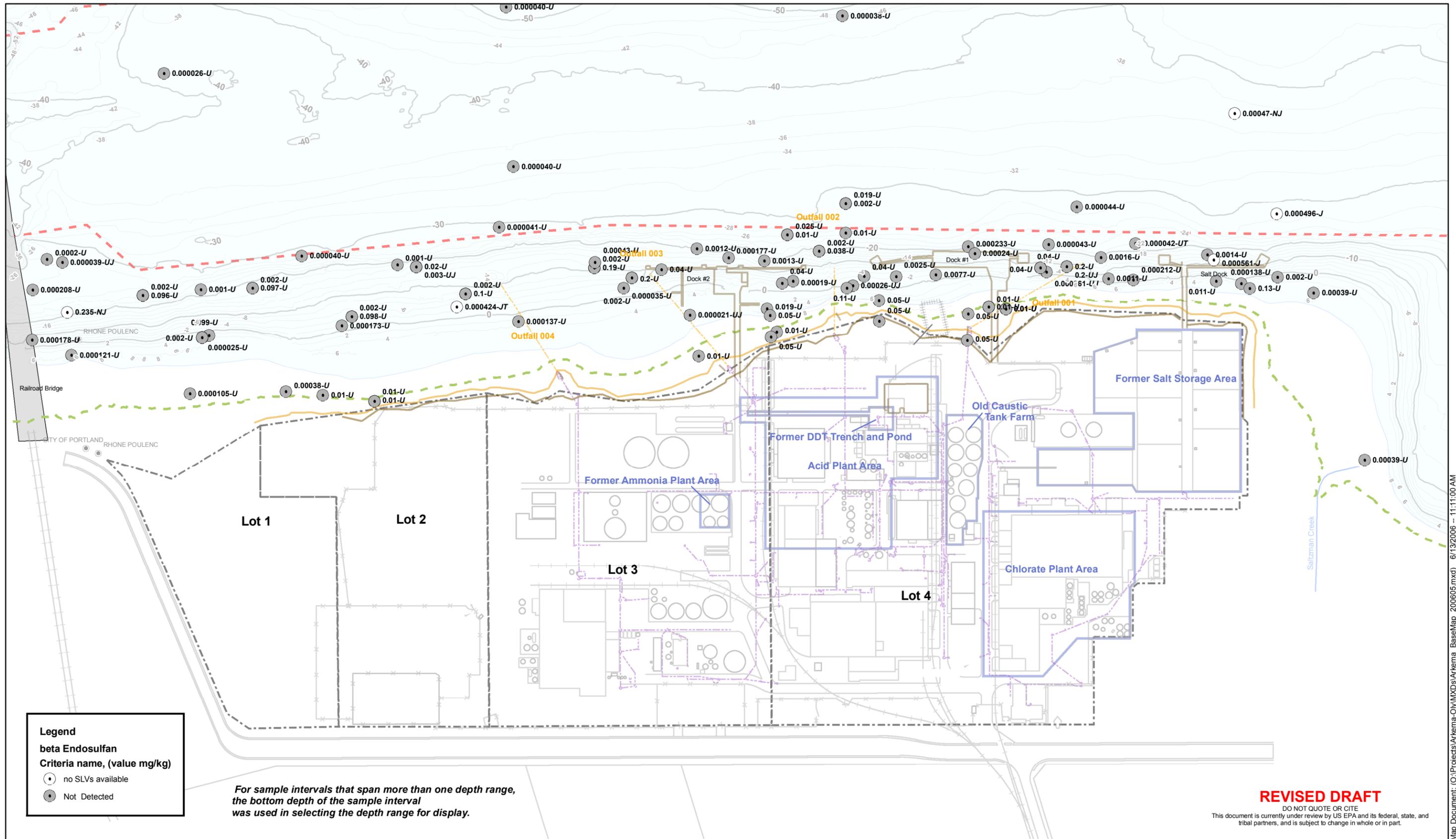


FEATURE SOURCES:
Bathymetric Information: Multibeam bathymetric survey conducted by David Evans and Associates, Inc. from February 6 - March 6, 2004. Contours were derived from a Digital Terrain Model (DTM) based on a three-foot grid of multibeam data.
Vertical Datum: North American Vertical Datum of 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-221
Arkema Site
Surface Water, Transition Zone Water,
and Groundwater Samples
beta-Endosulfan

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

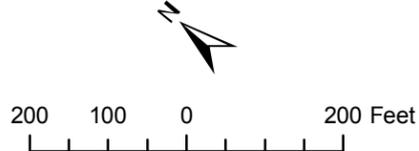


Legend
 beta Endosulfan
 Criteria name, (value mg/kg)

- 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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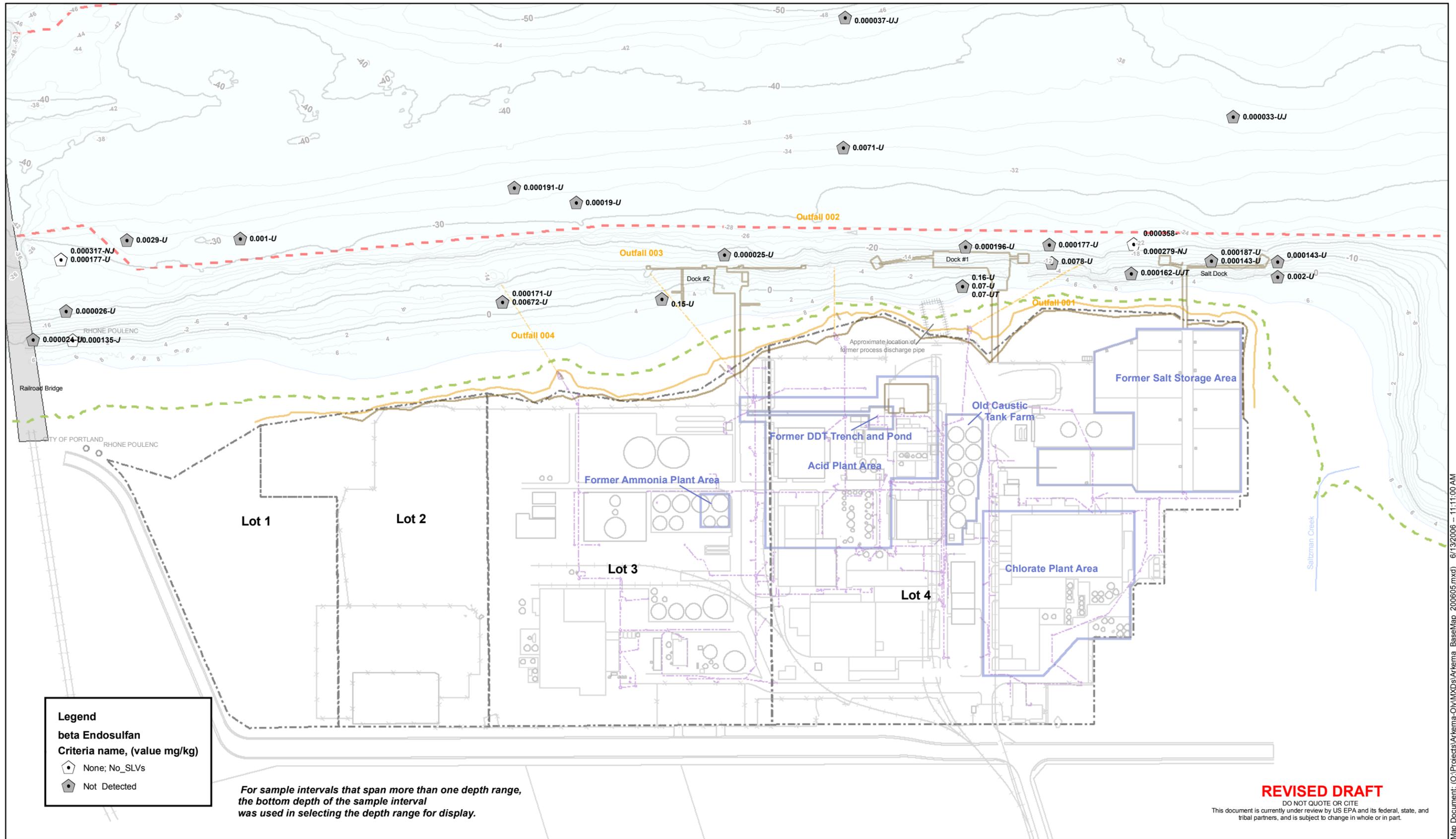


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 Units: International Feet.
 Basemap: Basemap features updated in 2006 by David Evans and Associates. Ordinary high water line, top of bank, and other site features surveyed in April 2006. Most buildings and structures on the Arkema site have been 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-222
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Surface (0-1 ft)
beta Endosulfan

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



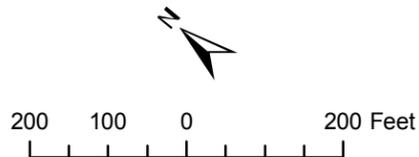
Legend
 beta Endosulfan
 Criteria name, (value mg/kg)

- None; No_SLVs
- 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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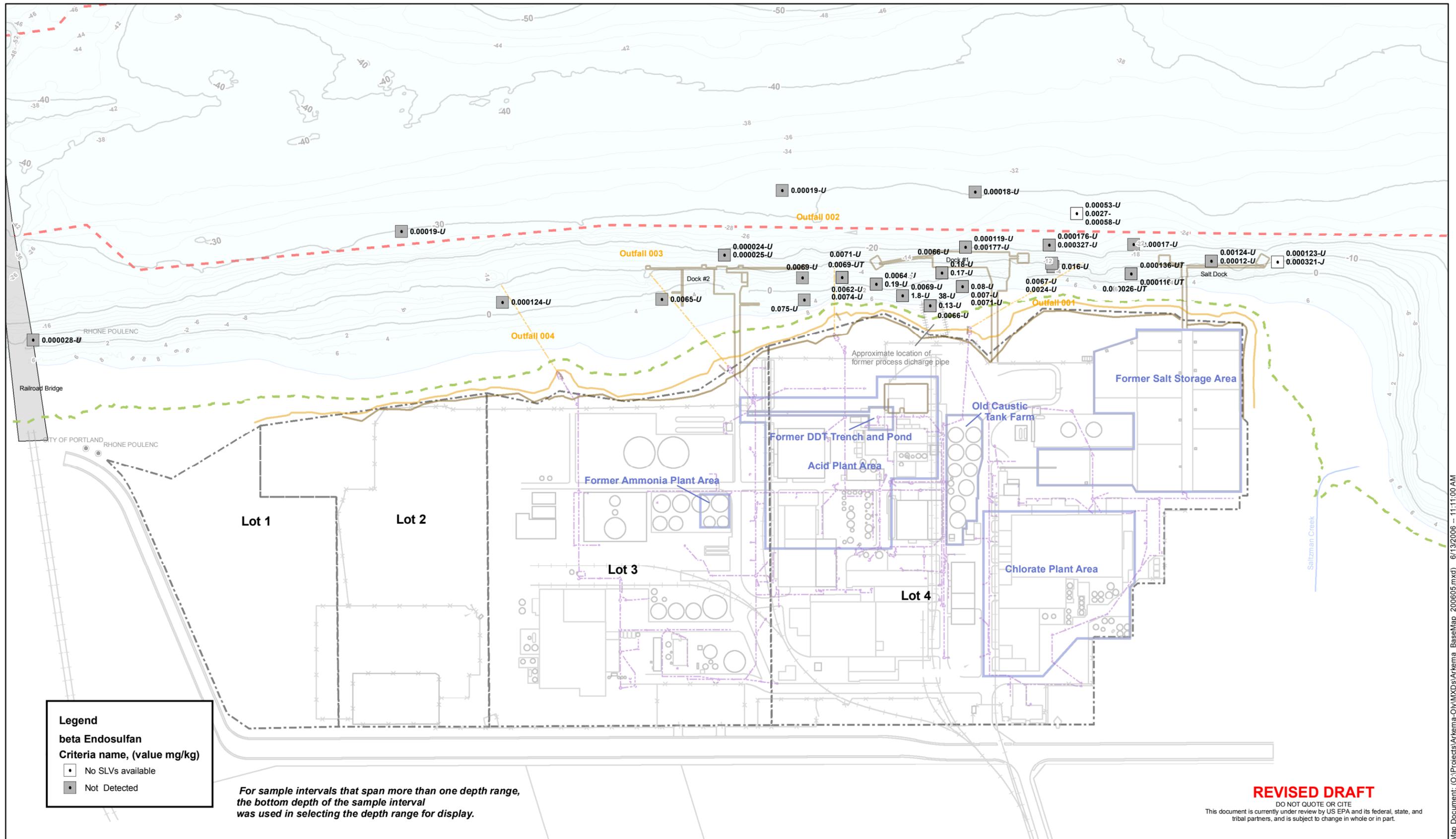


FEATURE SOURCES:
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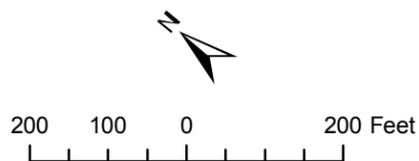
- Ordinary High Water
- Top of Bank
- - - E-Sewer-L
- - - Storm Drain
- 12ft Contour
- Bridges
- Property Lines
- Navigation Channel
- River
- Outfalls

Map-224
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Intermediate Subsurface (4-8 ft)
beta Endosulfan

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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 Units: International Feet.
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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-225
Arkema Site
Surface & Sub-Surface Sediment Samples
Depth Range: Deep Subsurface (> 8 ft)
beta Endosulfan