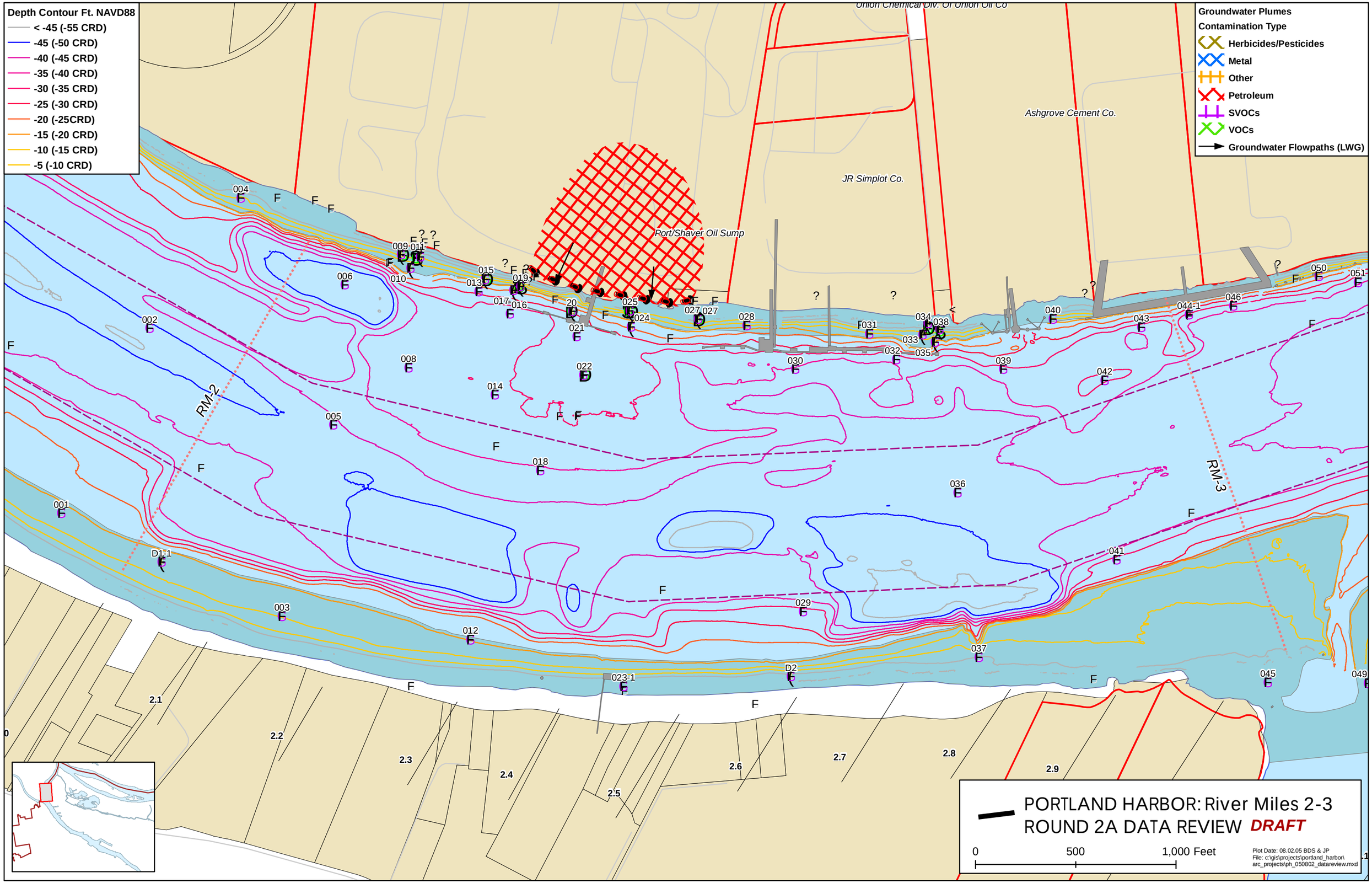
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Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Union Chemical Div. Of Union Oil Co
Ashgrove Cement Co.
JR Simplot Co.
Port/Shaver Oil Sump
RM-2
RM-3
2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
PORTLAND HARBOR: River Miles 2-3
ROUND 2A DATA REVIEW DRAFT
0
500
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Plot Date: 08.02.05 BDS & JP
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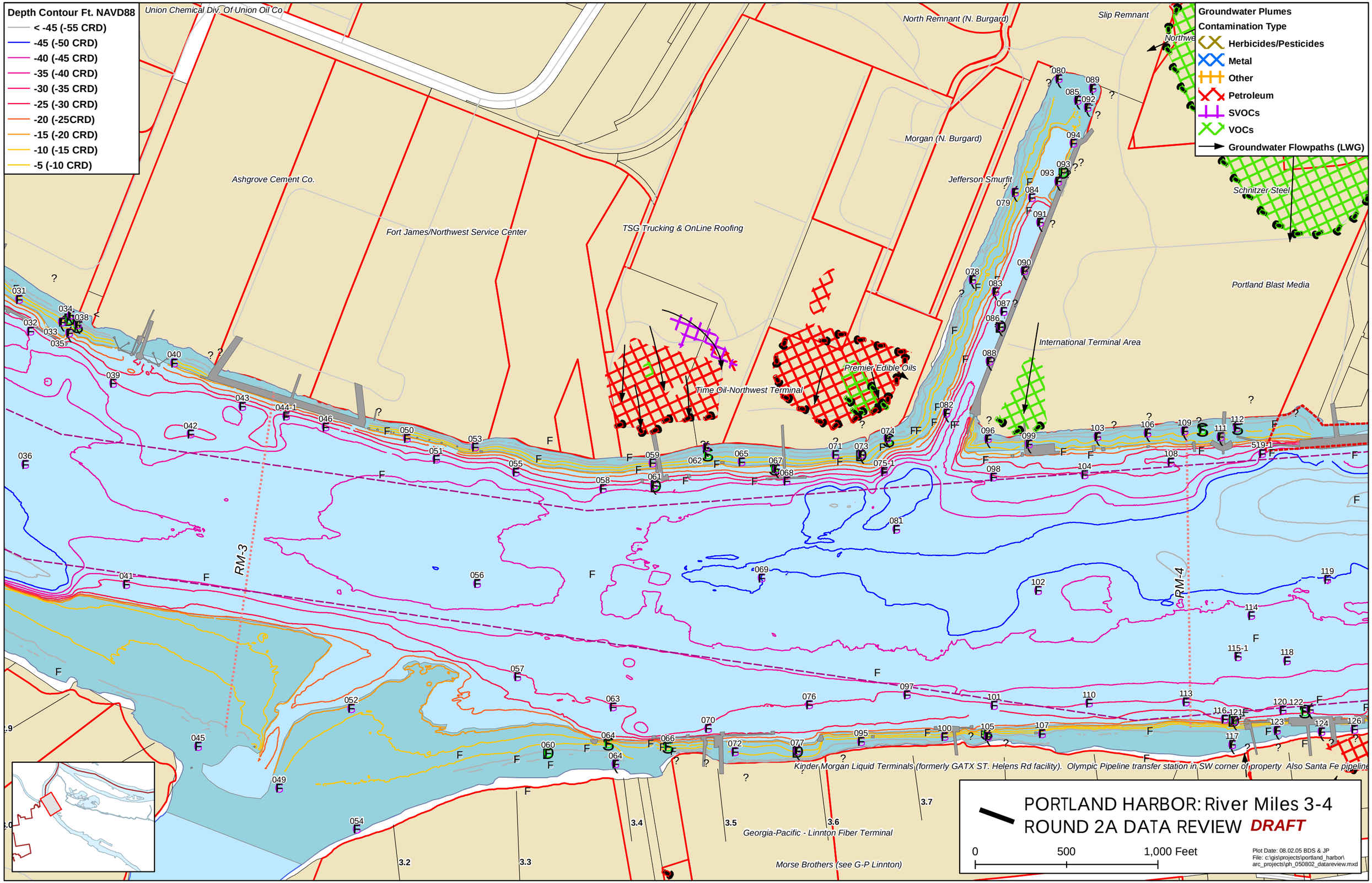
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-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Union Chemical Div. Of Union Oil Co
Ashgrove Cement Co.
Fort James/Northwest Service Center
TSG Trucking & OnLine Roofing
North Remnant (N. Burgard)
Morgan (N. Burgard)
Jefferson Smurfit
Slip Remnant
Schnitzer Steel
Portland Blast Media
International Terminal Area
Premier Edible Oils
Time Oil-Northwest Terminal
RM-3
RM-4
Kinder Morgan Liquid Terminals (formerly GATX ST. Helens Rd facility). Olympic Pipeline transfer station in SW corner of property Also Santa Fe pipeline
Georgia-Pacific - Linnton Fiber Terminal
Morse Brothers (see G-P Linnton)
PORTLAND HARBOR: River Miles 3-4
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
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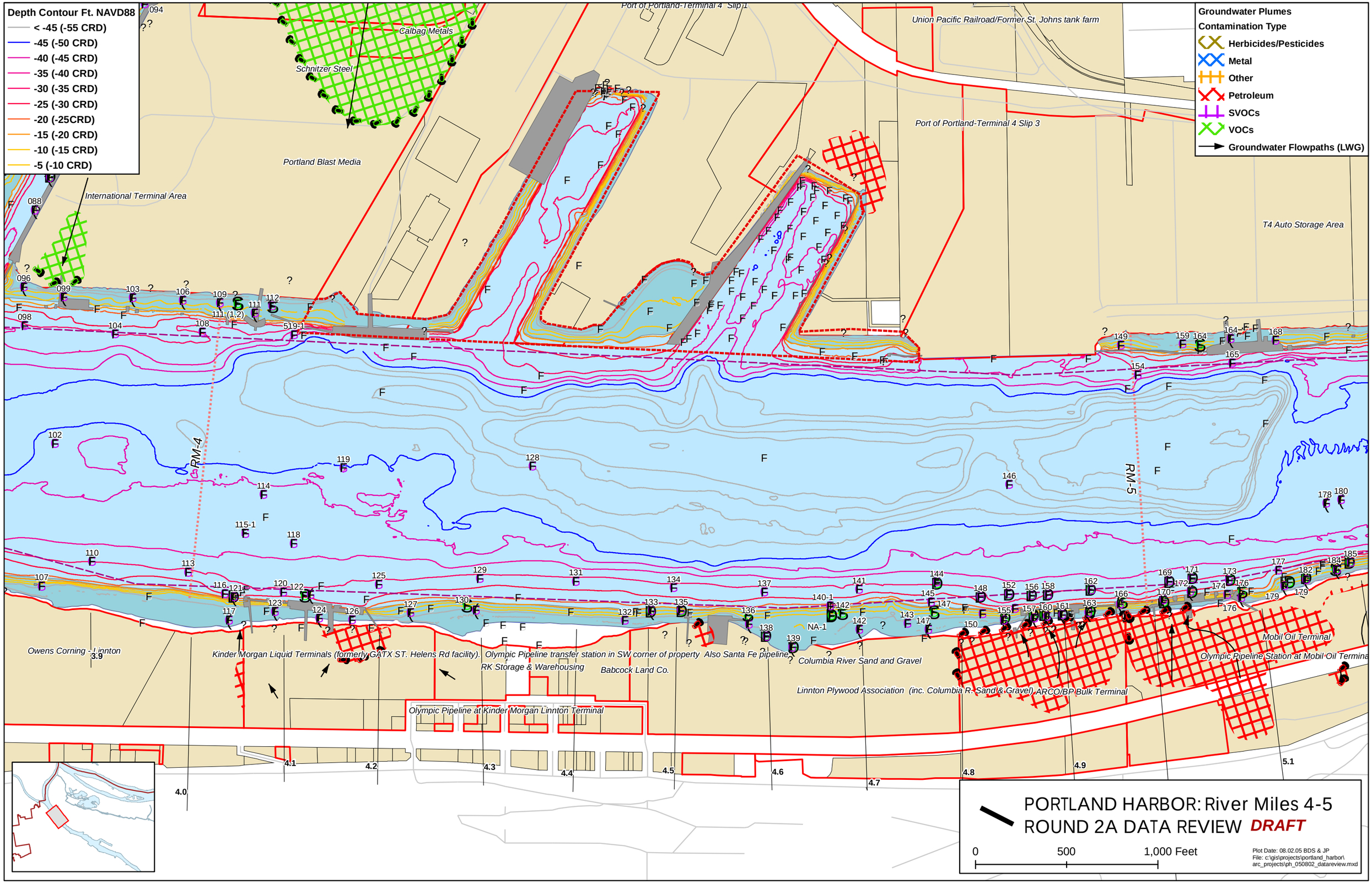
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Port of Portland-Terminal 4 Slip 1
Union Pacific Railroad/Former St. Johns tank farm
Calbag Metals
Schnitzer Steel
Port of Portland-Terminal 4 Slip 3
Portland Blast Media
International Terminal Area
T4 Auto Storage Area
RM-4
RM-5
Owens Corning - Linnton
Kinder Morgan Liquid Terminals (formerly GATX ST. Helens Rd facility). Olympic Pipeline transfer station in SW corner of property Also Santa Fe pipeline
RK Storage & Warehousing
Babcock Land Co.
Columbia River Sand and Gravel
Linnton Plywood Association (inc. Columbia R. Sand & Gravel) ARCO/BP Bulk Terminal
Olympic Pipeline at Kinder Morgan Linnton Terminal
Mobil Oil Terminal
Olympic Pipeline Station at Mobil Oil Termina
PORTLAND HARBOR: River Miles 4-5
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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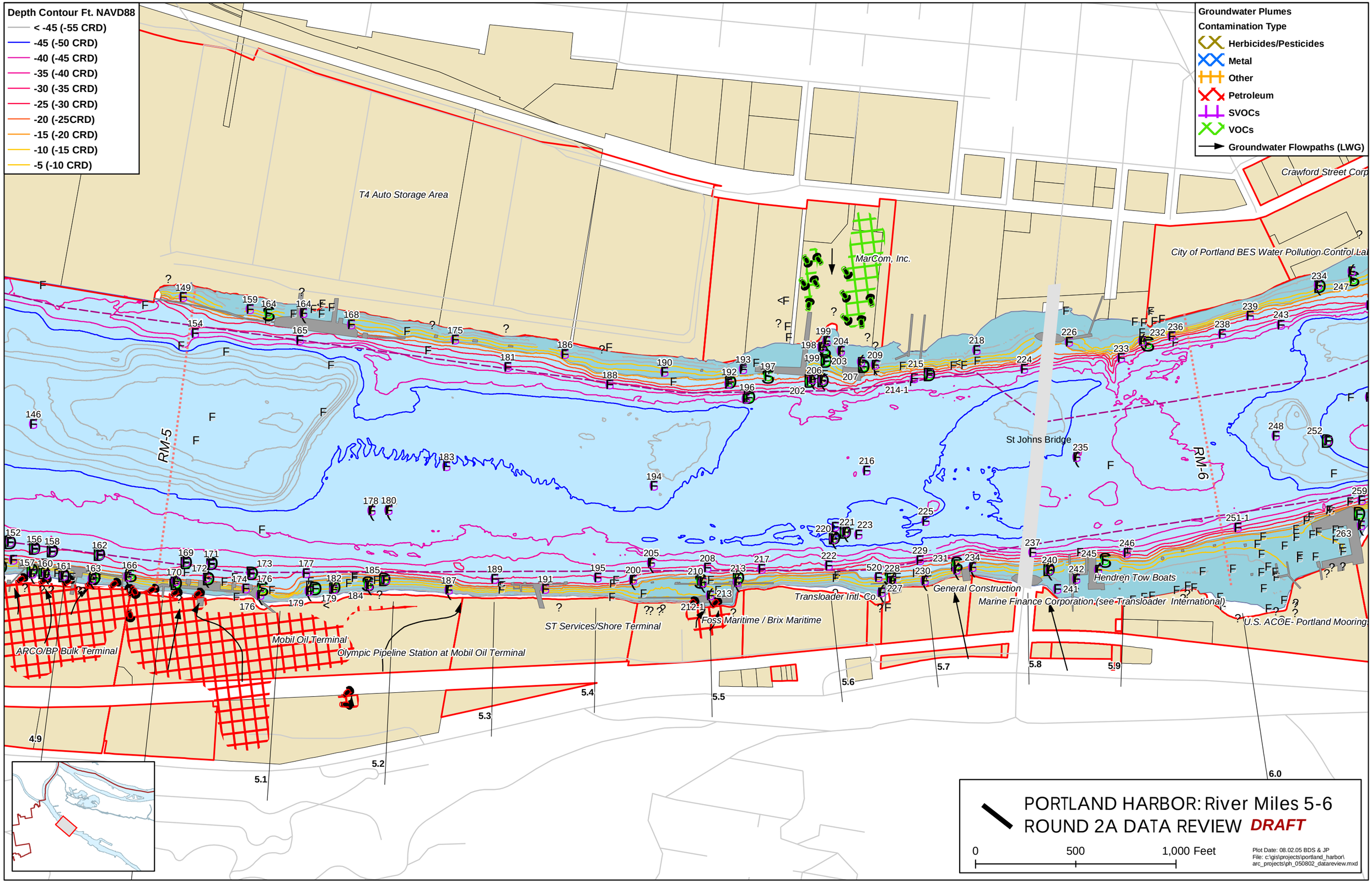
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-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
T4 Auto Storage Area
MarCom, Inc.
Crawford Street Corp
City of Portland BES Water Pollution Control Lab
St Johns Bridge
RM-5
RM-6
ARCO/BP Bulk Terminal
Mobil Oil Terminal
Olympic Pipeline Station at Mobil Oil Terminal
ST Services/Shore Terminal
Foss Maritime / Brix Maritime
Transloader Intl. Co.
General Construction
Marine Finance Corporation (see Transloader International)
Hendren Tow Boats
U.S. ACOE- Portland Mooring
4.9
5.1
5.2
5.3
5.4
5.5
5.6
5.7
5.8
5.9
6.0
PORTLAND HARBOR: River Miles 5-6
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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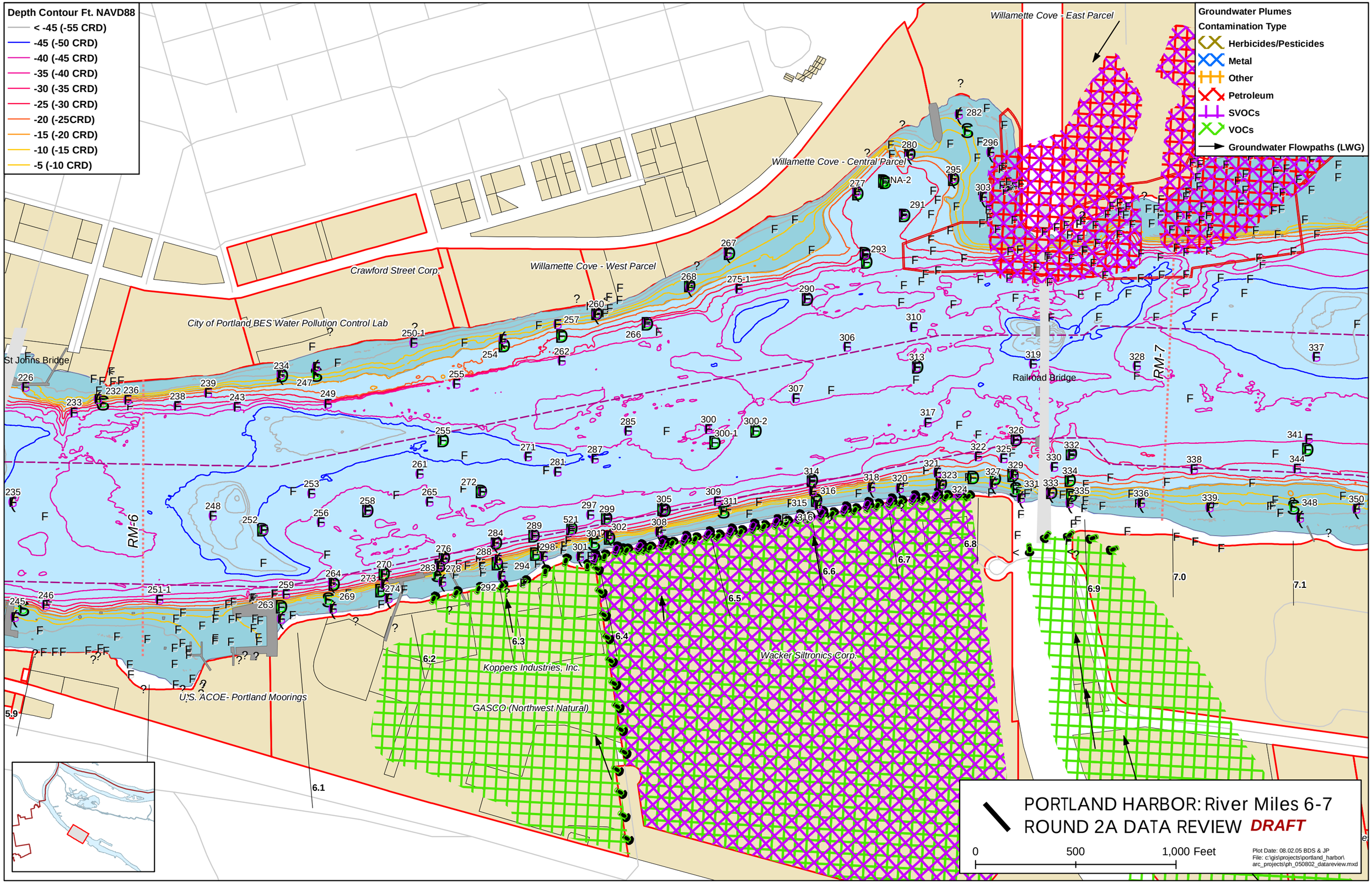
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Willamette Cove - East Parcel
Willamette Cove - Central Parcel
Willamette Cove - West Parcel
Crawford Street Corp.
City of Portland BES Water Pollution Control Lab
St Johns Bridge
Railroad Bridge
RM-6
RM-7
Koppers Industries, Inc.
Wacker Siltronics Corp.
GASCO (Northwest Natural)
U.S. ACOE- Portland Moorings
PORTLAND HARBOR: River Miles 6-7
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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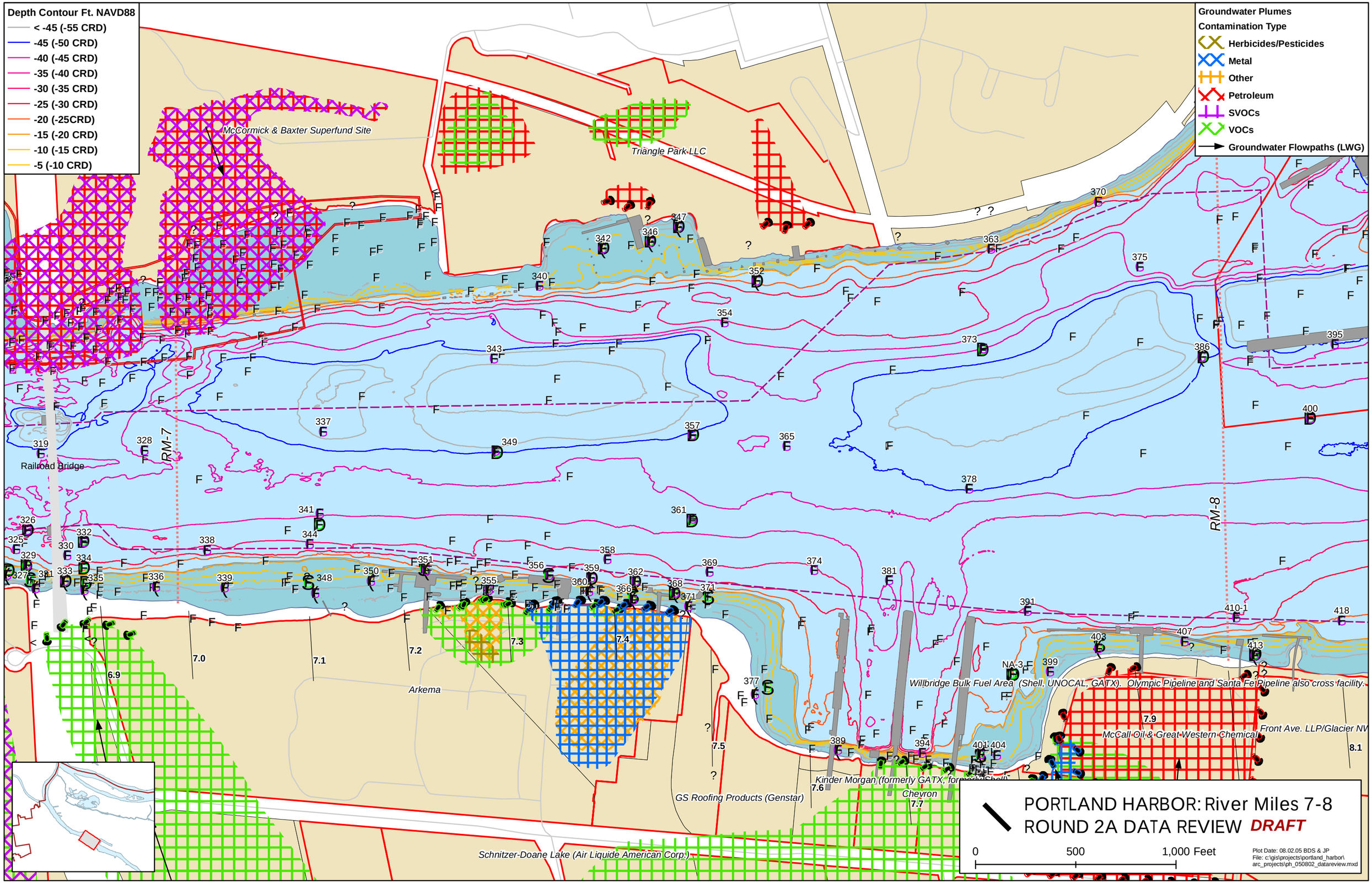
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-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
McCormick & Baxter Superfund Site
Triangle Park LLC
Railroad Bridge
RM-7
RM-8
Arkema
Willbridge Bulk Fuel Area (Shell, UNOCAL, GATX). Olympic Pipeline and Santa Fe Pipeline also cross facility.
McCall Oil & Great Western Chemical
Front Ave. LLP/Glacier NV
Kinder Morgan (formerly GATX, formerly Shell)
Chevron
GS Roofing Products (Genstar)
Schnitzer-Doane Lake (Air Liquide American Corp.)
PORTLAND HARBOR: River Miles 7-8
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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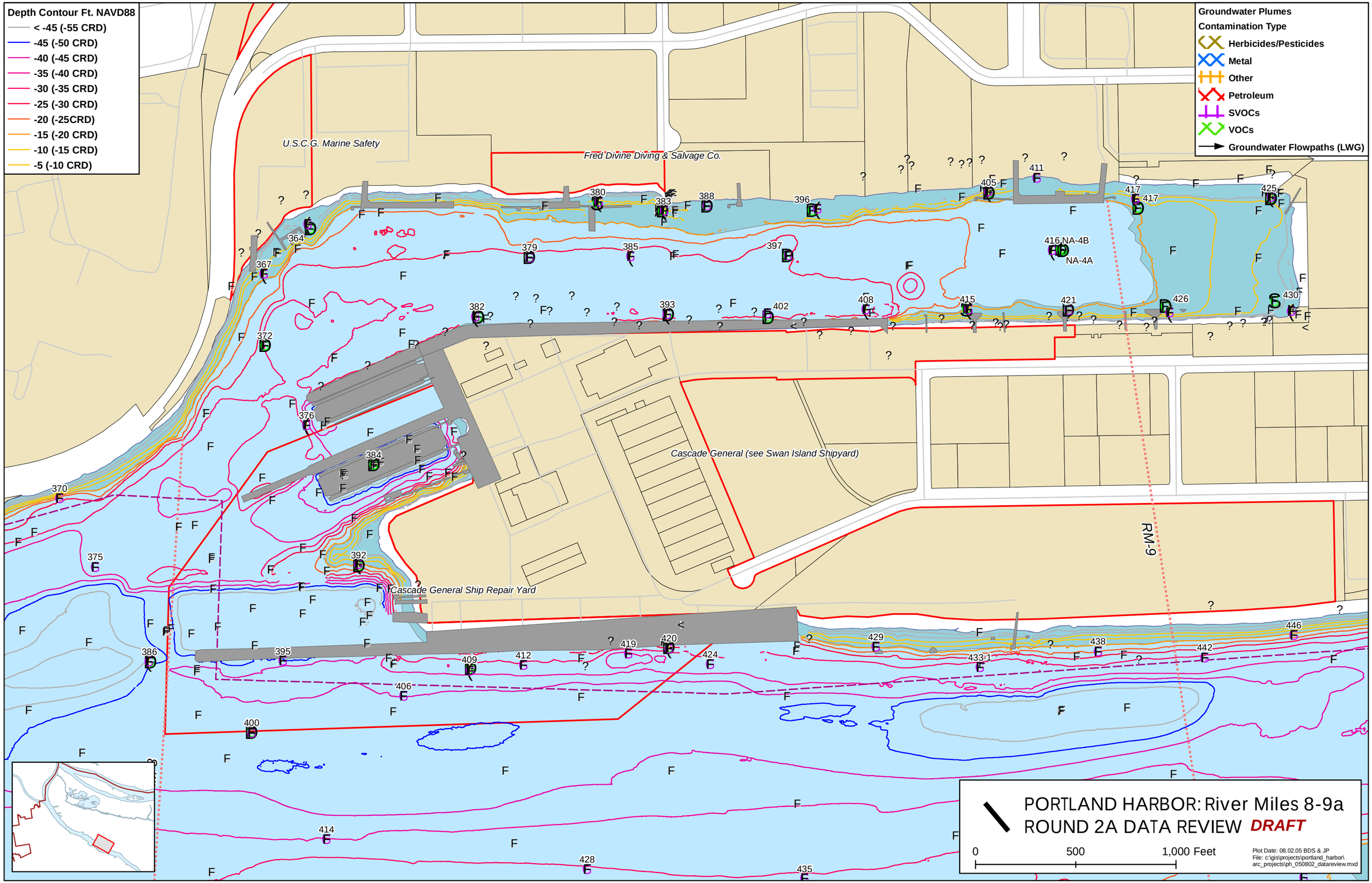
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
U.S.C.G. Marine Safety
Fred Divine Diving & Salvage Co.
Cascade General (see Swan Island Shipyard)
Cascade General Ship Repair Yard
RM-9
NA-4A
416,NA-4B
PORTLAND HARBOR: River Miles 8-9a
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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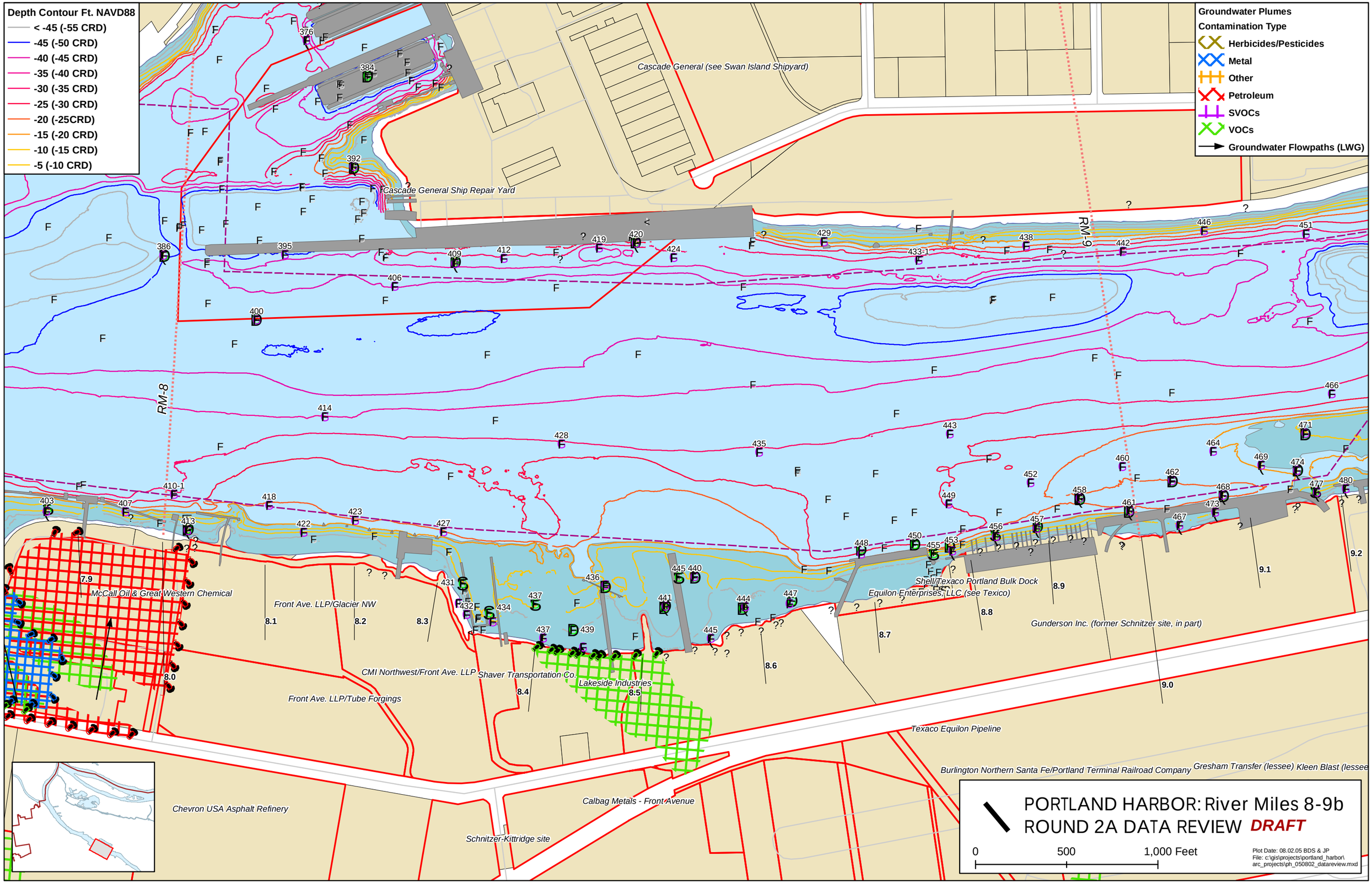
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Cascade General (see Swan Island Shipyard)
Cascade General Ship Repair Yard
RM-8
RM-9
McCall Oil & Great Western Chemical
Front Ave. LLP/Glacier NW
CMI Northwest/Front Ave. LLP
Shaver Transportation Co.
Lakeside Industries
Front Ave. LLP/Tube Forgings
Chevron USA Asphalt Refinery
Schnitzer-Kittridge site
Calbag Metals - Front Avenue
Texaco Equilon Pipeline
Burlington Northern Santa Fe/Portland Terminal Railroad Company
Gresham Transfer (lessee)
Kleen Blast (lessee
Shell/Texaco Portland Bulk Dock
Equilon Enterprises, LLC (see Texico)
Gunderson Inc. (former Schnitzer site, in part)
7.9
8.0
8.1
8.2
8.3
8.4
8.5
8.6
8.7
8.8
8.9
9.0
9.1
9.2
PORTLAND HARBOR: River Miles 8-9b
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
Plot Date: 08.02.05 BDS & JP
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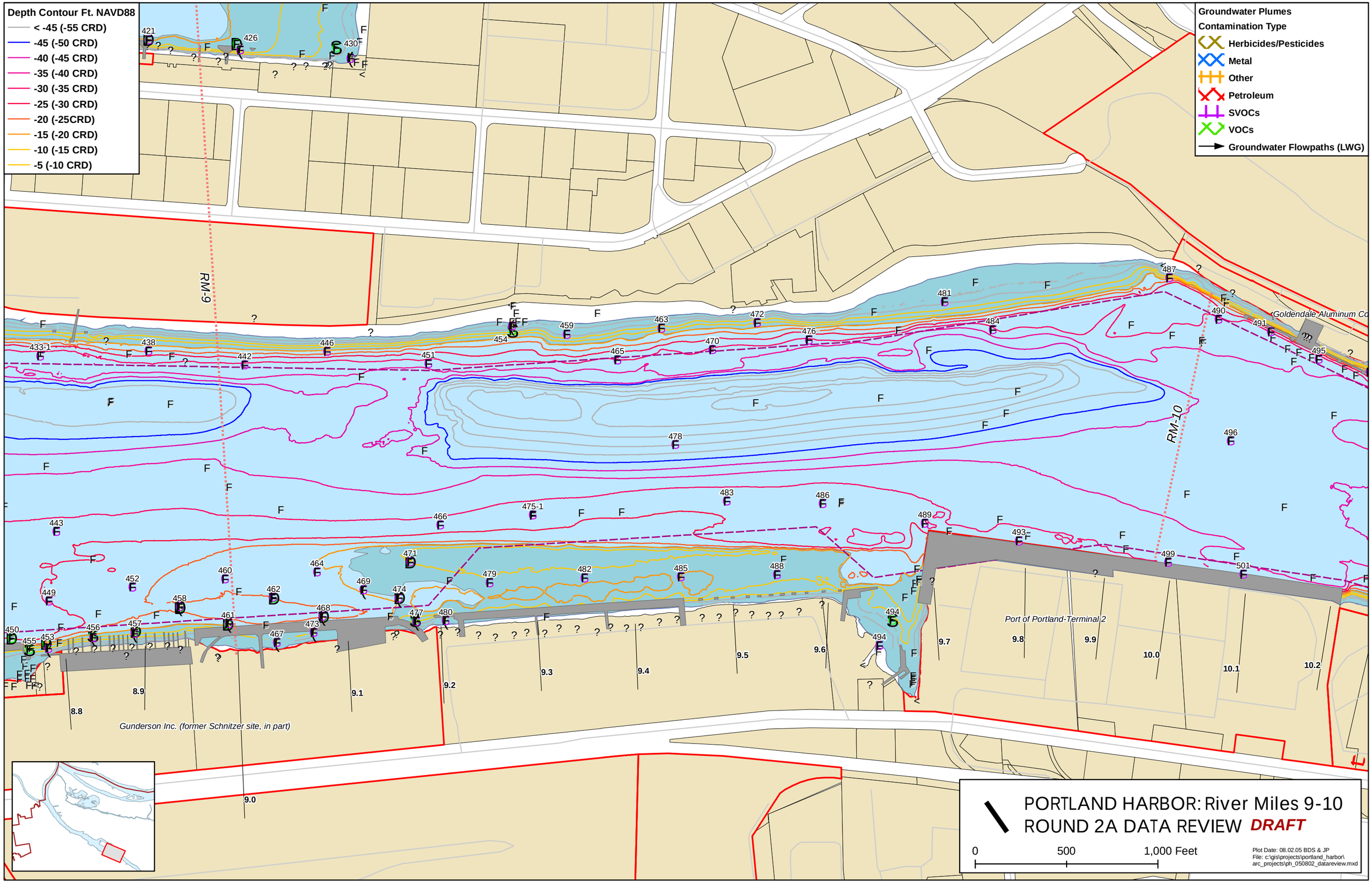
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
RM-9
RM-10
Goldendale Aluminum Co
Port of Portland-Terminal 2
Gunderson Inc. (former Schnitzer site, in part)
PORTLAND HARBOR: River Miles 9-10
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
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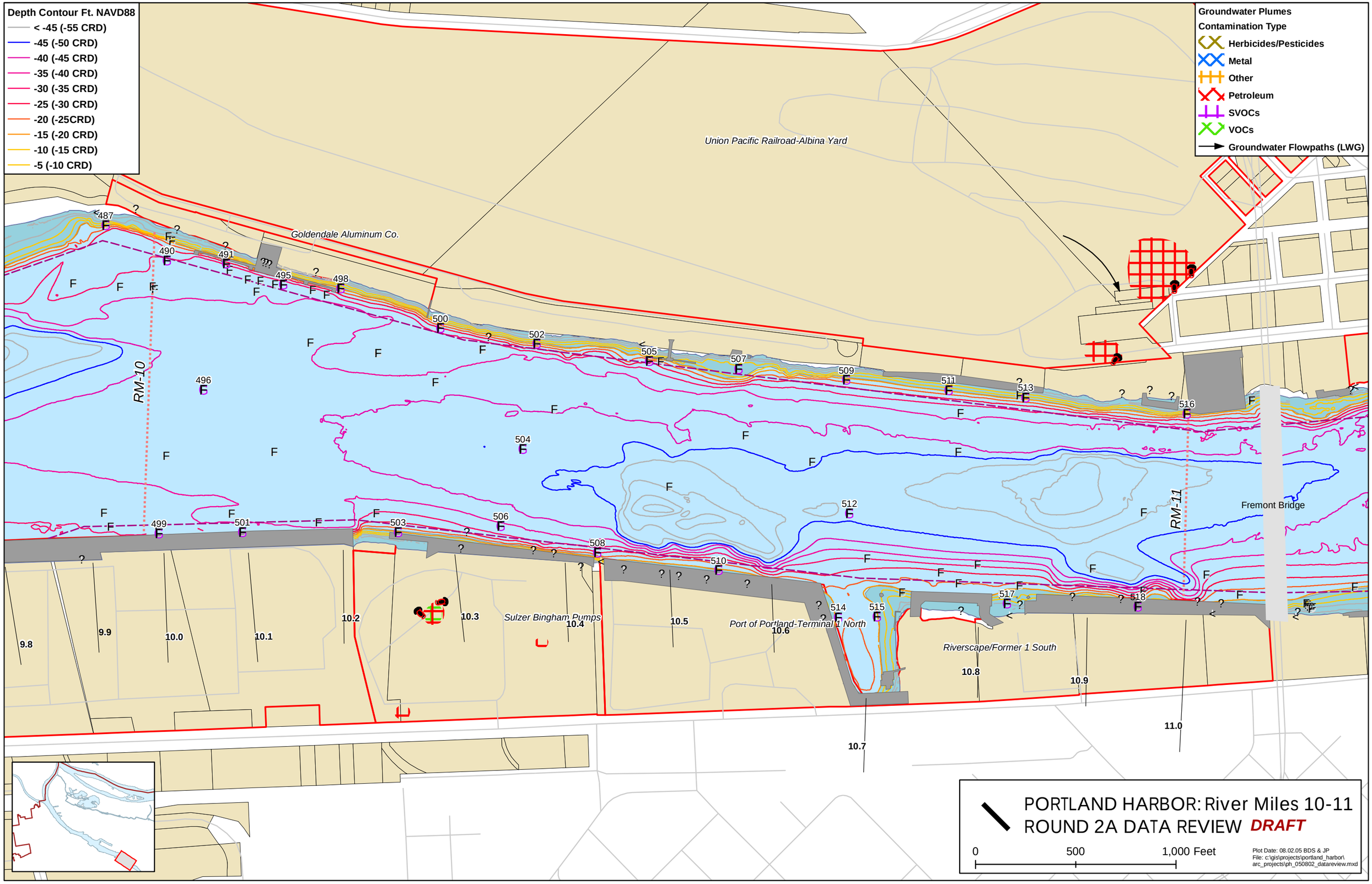
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-20 (-25CRD)
-15 (-20 CRD)
-10 (-15 CRD)
-5 (-10 CRD)
Groundwater Plumes
Contamination Type
Herbicides/Pesticides
Metal
Other
Petroleum
SVOCs
VOCs
Groundwater Flowpaths (LWG)
Union Pacific Railroad-Albina Yard
Goldendale Aluminum Co.
RM-10
RM-11
Fremont Bridge
Sulzer Bingham Pumps
Port of Portland-Terminal 1 North
Riverscape/Former 1 South
9.8
9.9
10.0
10.1
10.2
10.3
10.4
10.5
10.6
10.7
10.8
10.9
11.0
PORTLAND HARBOR: River Miles 10-11
ROUND 2A DATA REVIEW DRAFT
0
500
1,000 Feet
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