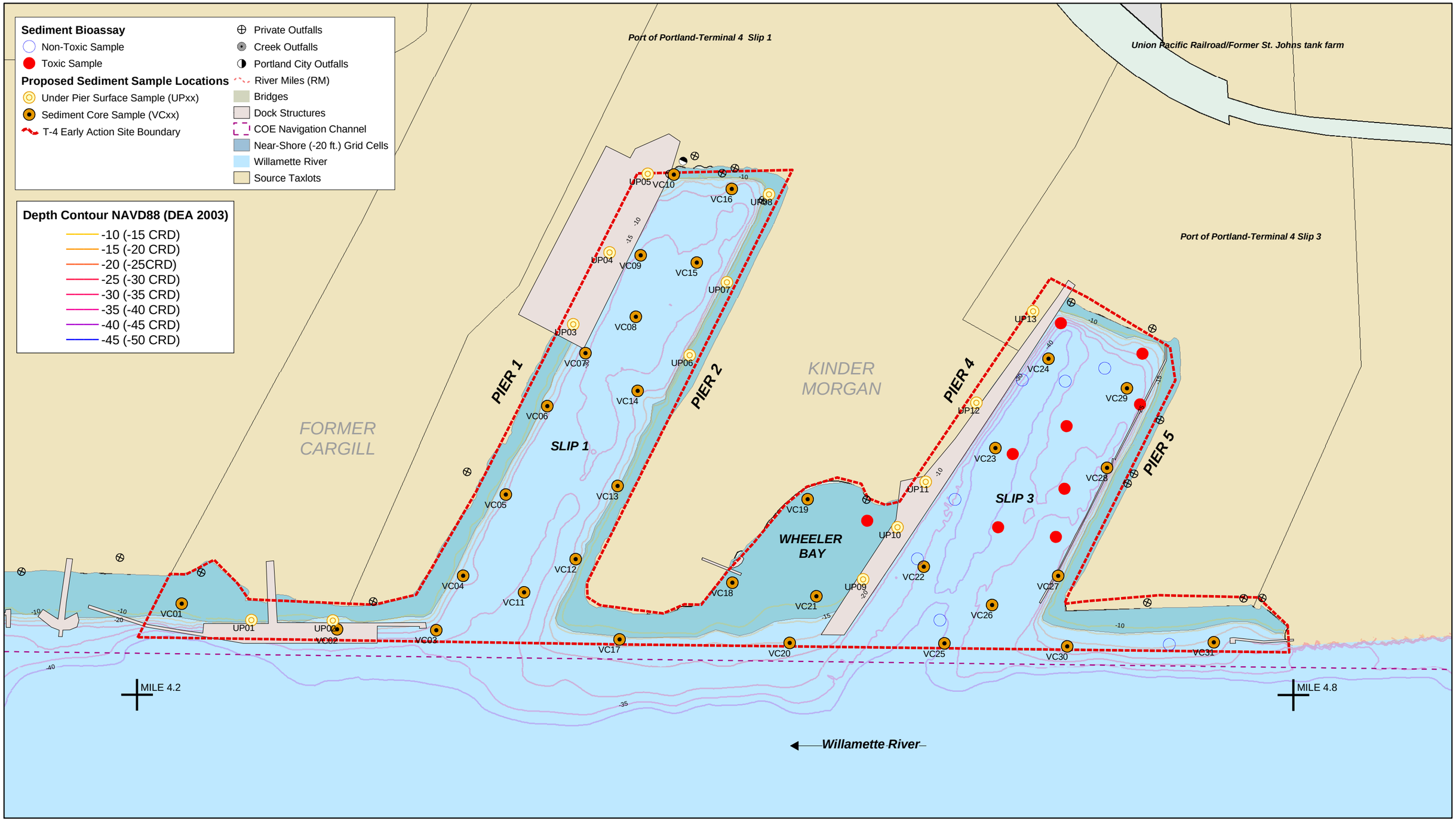
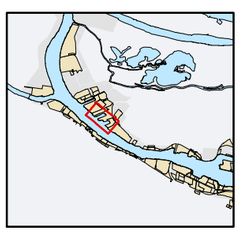




T4 Sample Coordinates from BBL Inc. 01/22/04
Oregon State Plane North, NAD83/91 Intl. Feet

Contaminant Data from NOAA Query Manager (09.24.03)
Source: Striplin E.A.

Map: c:\gis\projects\portlandharbor\ph_020204_t4.mxd
Plot Date: 02.03.2004 B. Shorr NOAA CPRD

0 500 1,000 Feet

Figure 7
Sediment Toxicity (10 Day Hyalella Azteca)

Portland Harbor: T-4 Early Action Site
Category 1 Sediment Chemistry Data &
Proposed T4 Sediment Sampling Locations

Sediment Bioassay
- Non-Toxic Sample
- Toxic Sample
- Category 1 Sediment Chemistry Locations

Proposed Sediment Sample Locations
- Under Pier Surface Sample (UPxx)
- Sediment Core Sample (VCxx)
- T-4 Early Action Site Boundary

- Private Outfalls
- Creek Outfalls
- Portland City Outfalls
- River Miles (RM)
- Bridges
- Dock Structures
- COE Navigation Channel
- Near-Shore (-20 ft.) Grid Cells
- Willamette River
- Source Taxlots

Depth Contour NAVD88 (DEA 2003)
- -10 (-15 CRD)
- -15 (-20 CRD)
- -20 (-25CRD)
- -25 (-30 CRD)
- -30 (-35 CRD)
- -35 (-40 CRD)
- -40 (-45 CRD)
- -45 (-50 CRD)

Port of Portland-Terminal 4 Slip 1

Union Pacific Railroad/Former St. Johns tank farm

Port of Portland-Terminal 4 Slip 3

FORMER CARGILL

KINDER MORGAN

PIER 1

PIER 2

PIER 4

PIER 5

SLIP 1

SLIP 3

WHEELER BAY

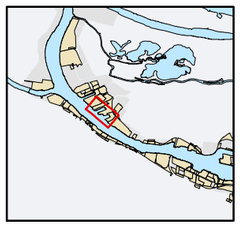
UP01 UP02 UP03 UP04 UP05 UP06 UP07 UP08 UP09 UP10 UP11 UP12 UP13

VC01 VC02 VC03 VC04 VC05 VC06 VC07 VC08 VC09 VC10 VC11 VC12 VC13 VC14 VC15 VC16 VC17 VC18 VC19 VC20 VC21 VC22 VC23 VC24 VC25 VC26 VC27 VC28 VC29 VC30 VC31

MILE 4.2

MILE 4.8

Willamette River



T4 Sample Coordinates from BBL Inc. 01/22/04
Oregon State Plane North, NAD83/91 Intl. Feet

Contaminant Data from NOAA Query Manager (09.24.03)
Source: Striplin E.A.

Map: c:\gis\projects\portlandharbor\ph_020204_t4.mxd
Plot Date: 02.03.2004 B. Shorr NOAA CPRD

0 500 1,000 Feet

Figure 7(with All Surface Sediment Locations)
Sediment Toxicity (10 Day Hyalella Azteca)

Portland Harbor: T-4 Early Action Site
Category 1 Sediment Chemistry Data &
Proposed T4 Sediment Sampling Locations