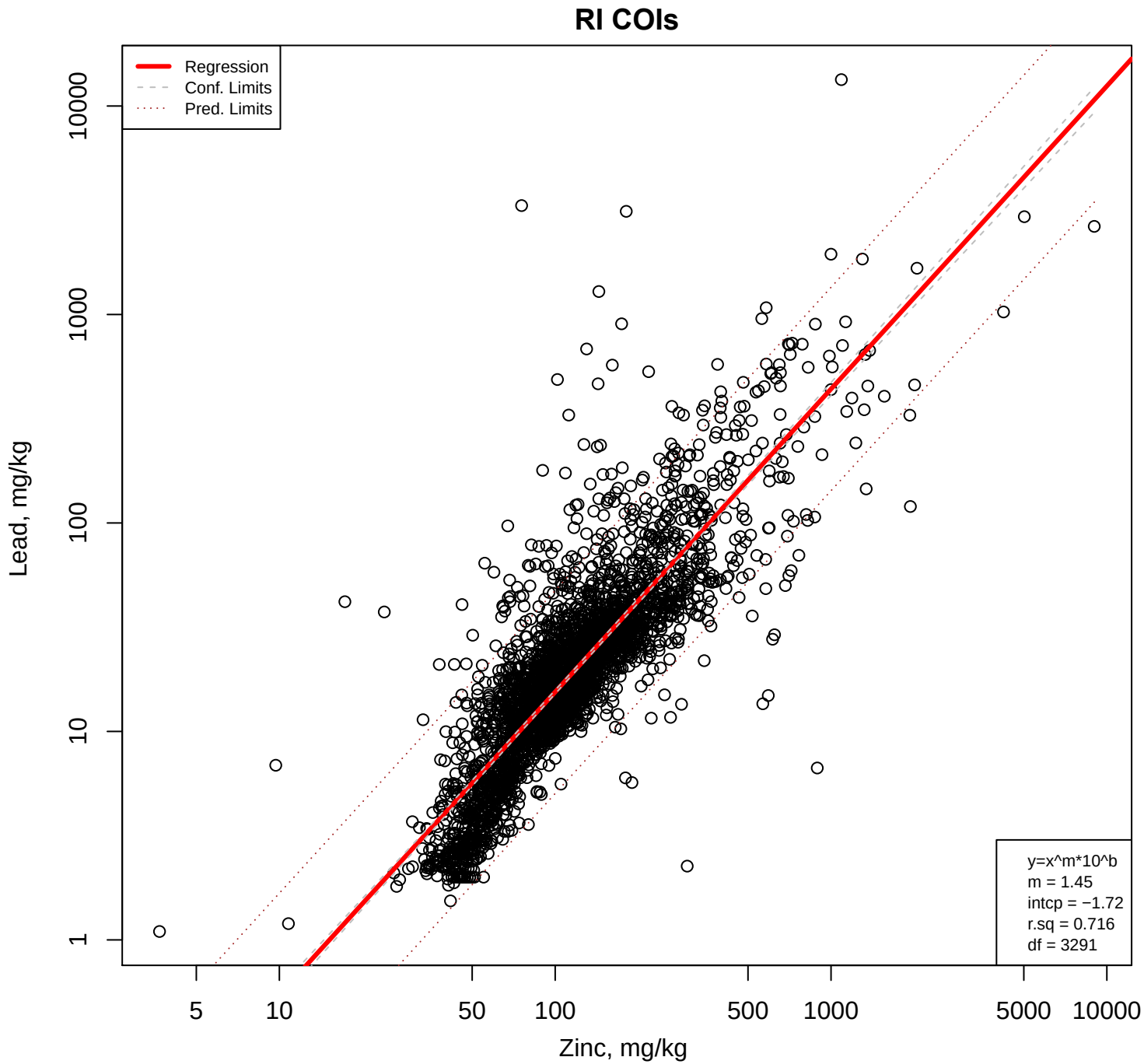


Figure 5.1-1
Portland Harbor RI/FS
Remedial Investigation Report
Correlation Plot of Lead and
Zinc in Surface Sediment

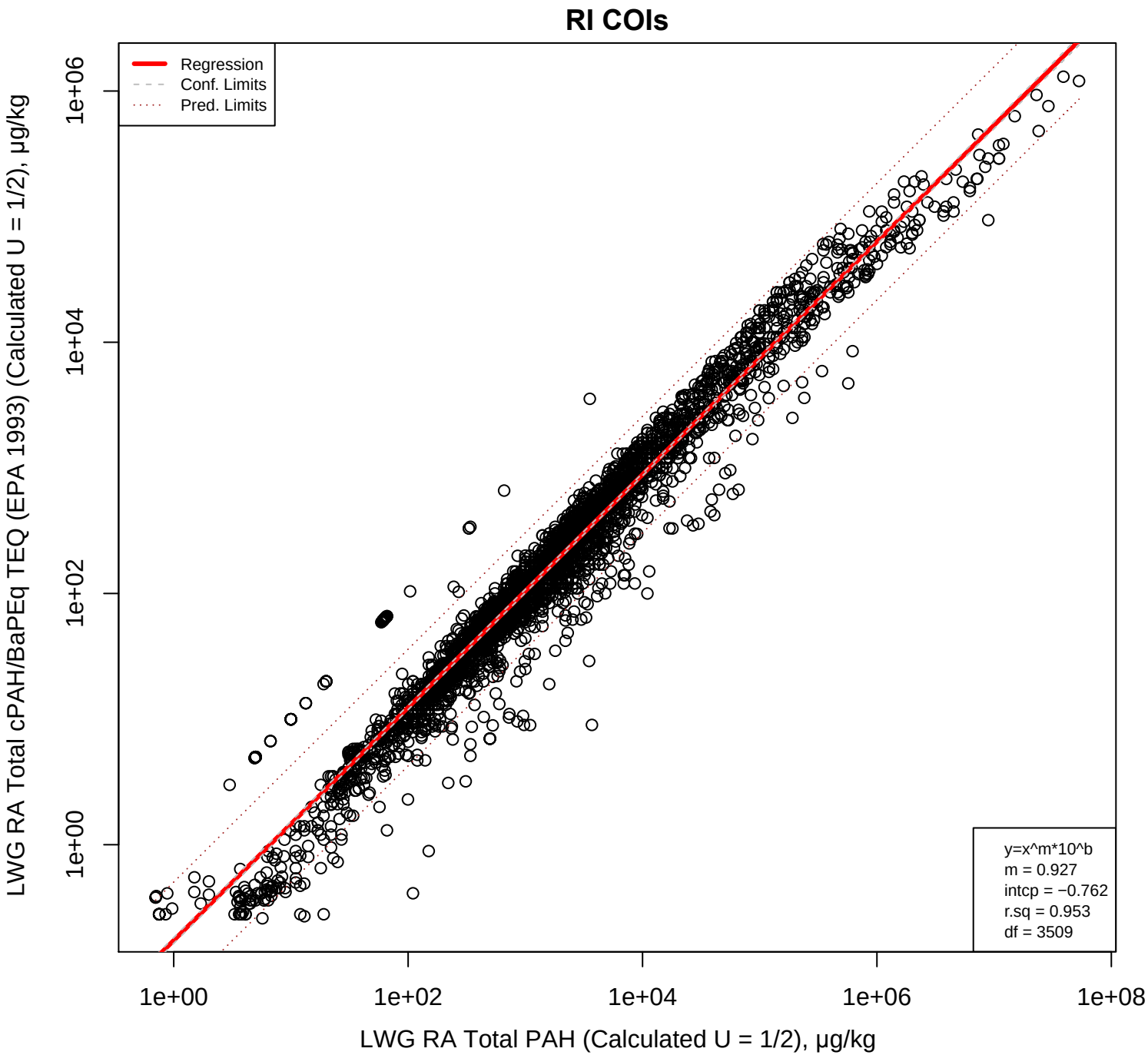


Figure 5.1-2
Portland Harbor RI/FS
Remedial Investigation Report
Correlation Plot of Carcinogenic PAHs and
Total PAHs in Surface Sediment

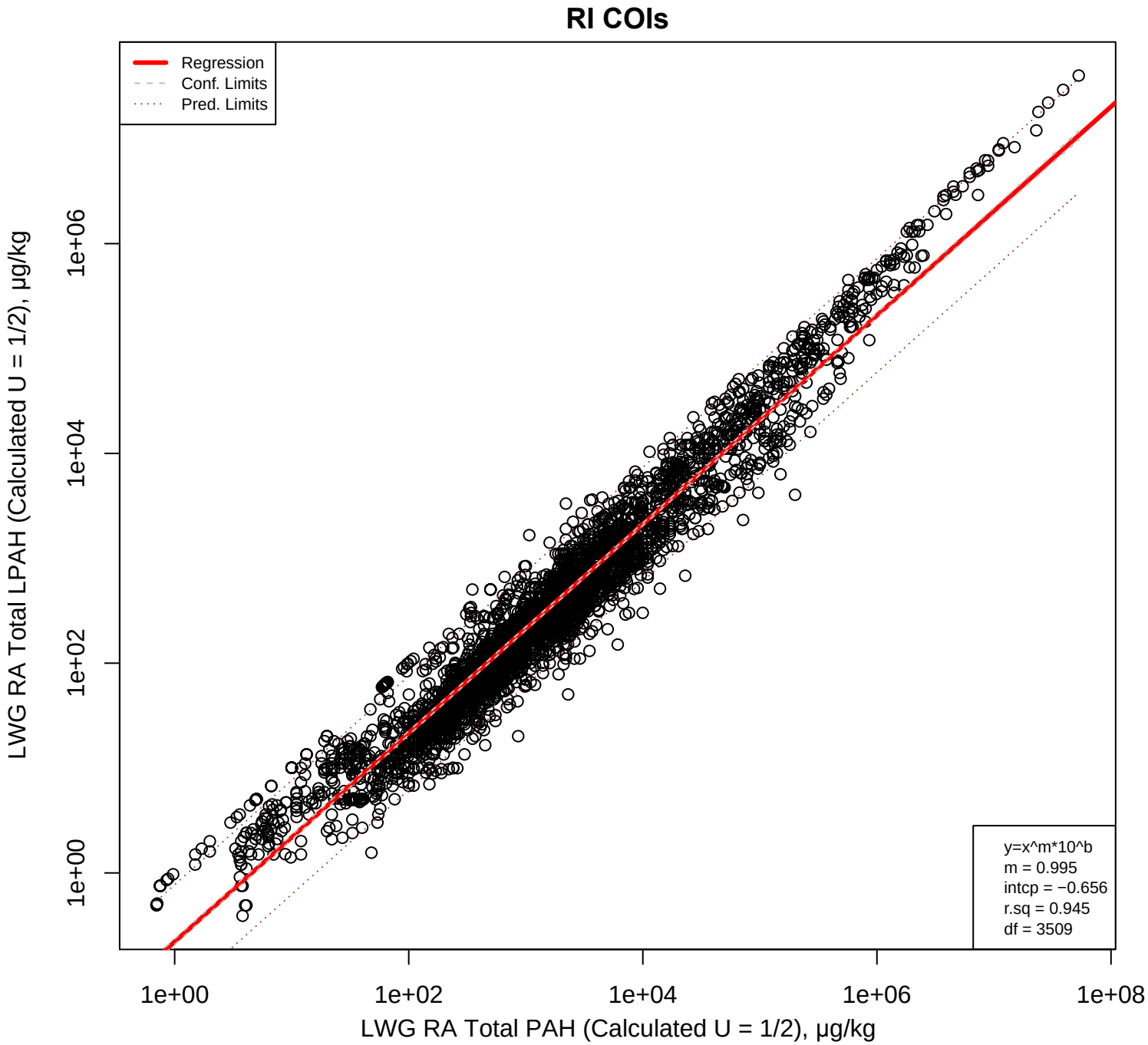


Figure 5.1-3
Portland Harbor RI/FS
Remedial Investigation Report
Correlation Plot of Low Molecular Weight PAHs and
Total PAHs in Surface Sediment

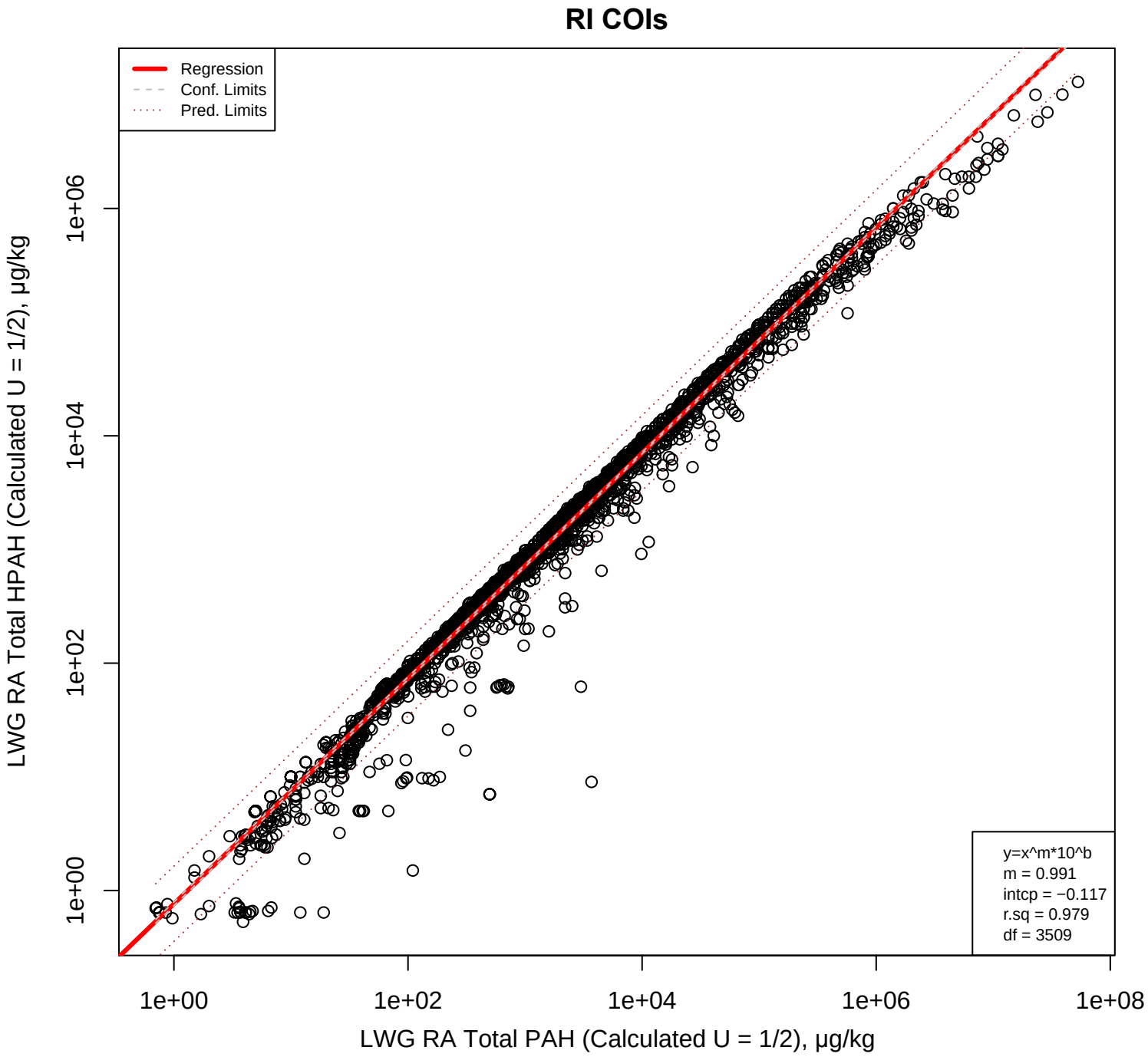


Figure 5.1-4
Portland Harbor RI/FS
Remedial Investigation Report
Correlation Plot of High Molecular Weight PAHs and
Total PAHs in Surface Sediment

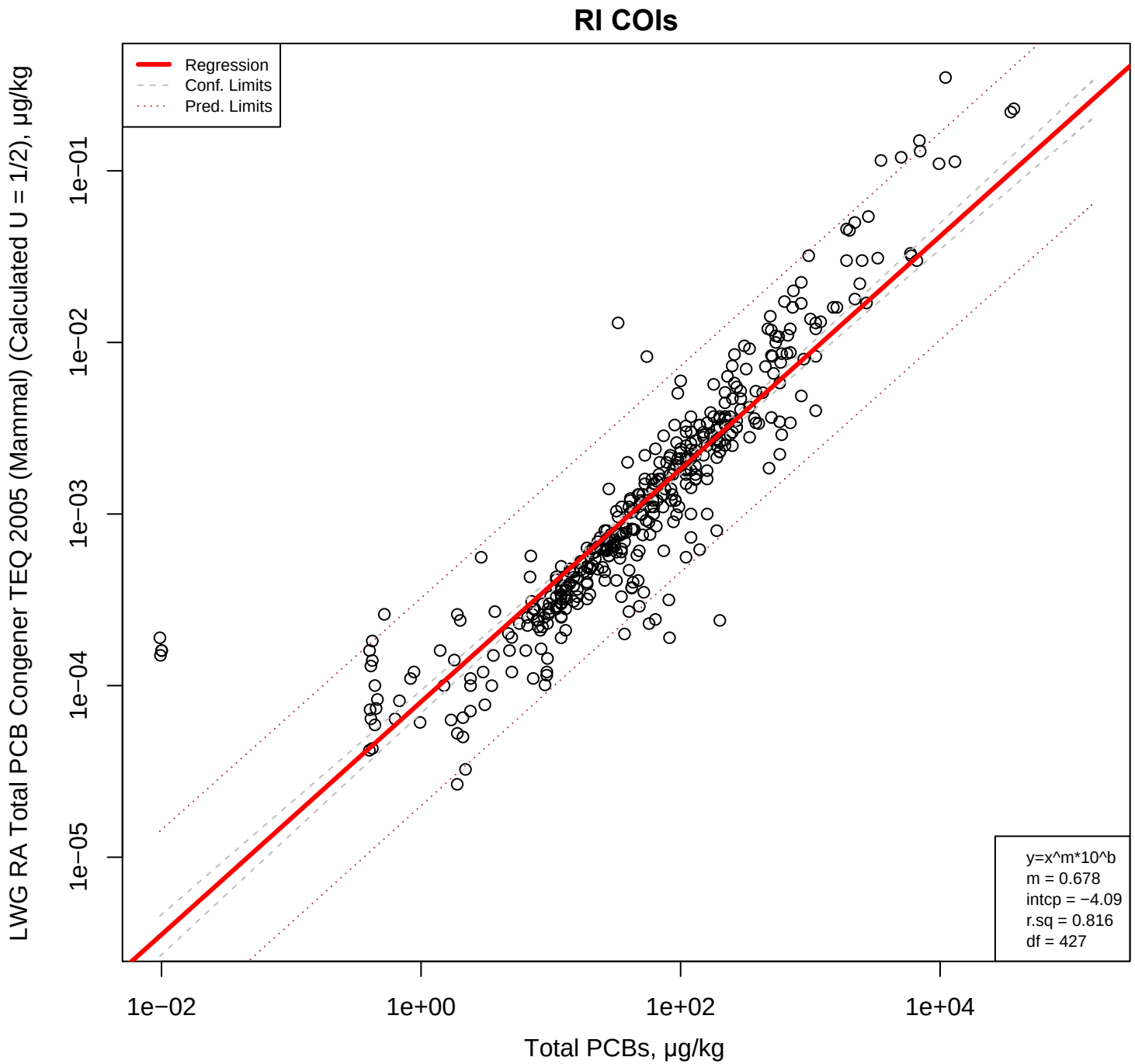


Figure 5.1-5
Portland Harbor RI/FS
Remedial Investigation Report
Correlation Plot of PCB TEQ and
Total PCBs in Surface Sediment

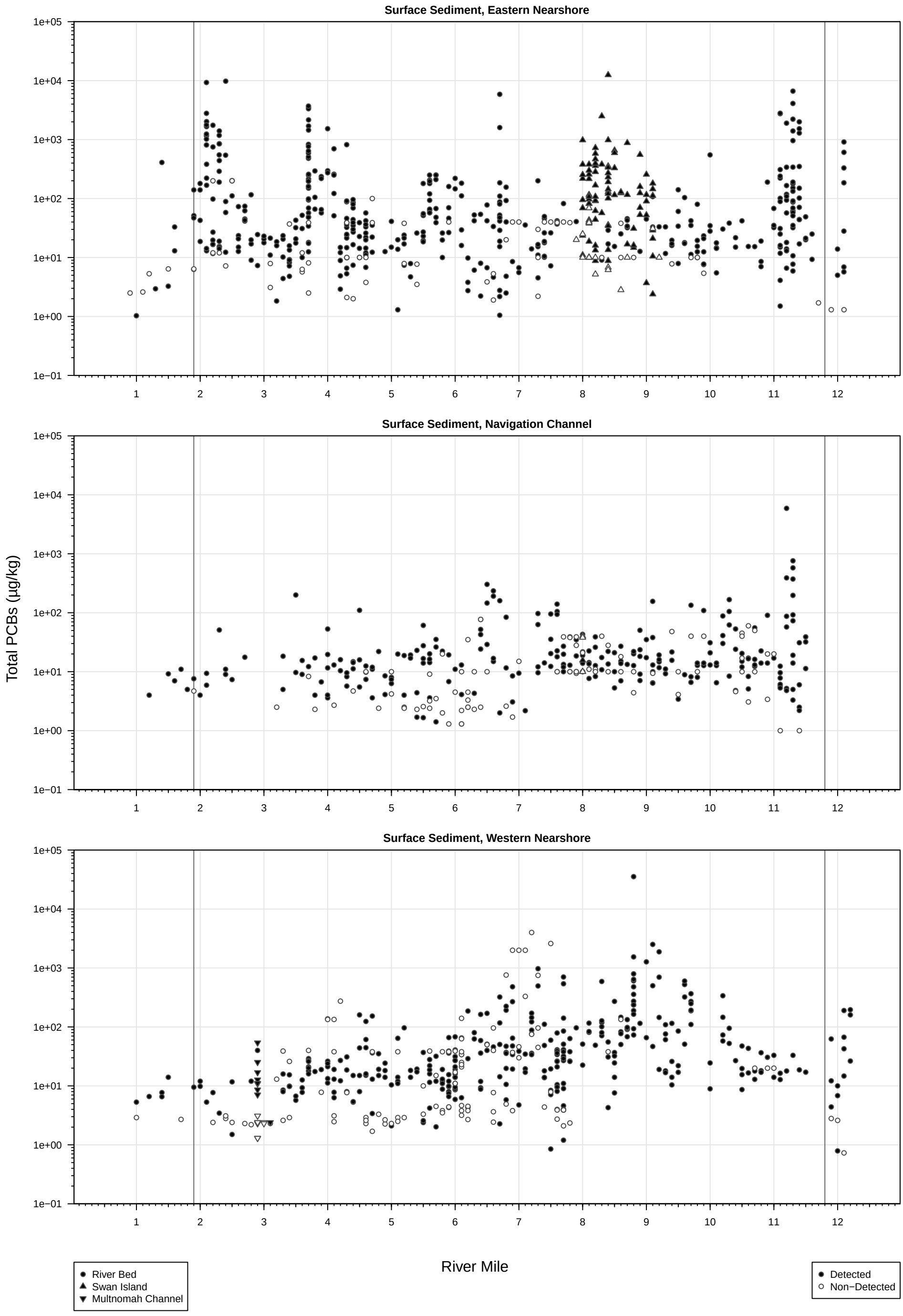


Figure 5.2−1
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs
Concentrations in Surface Sediment, RM 0.8−12.2

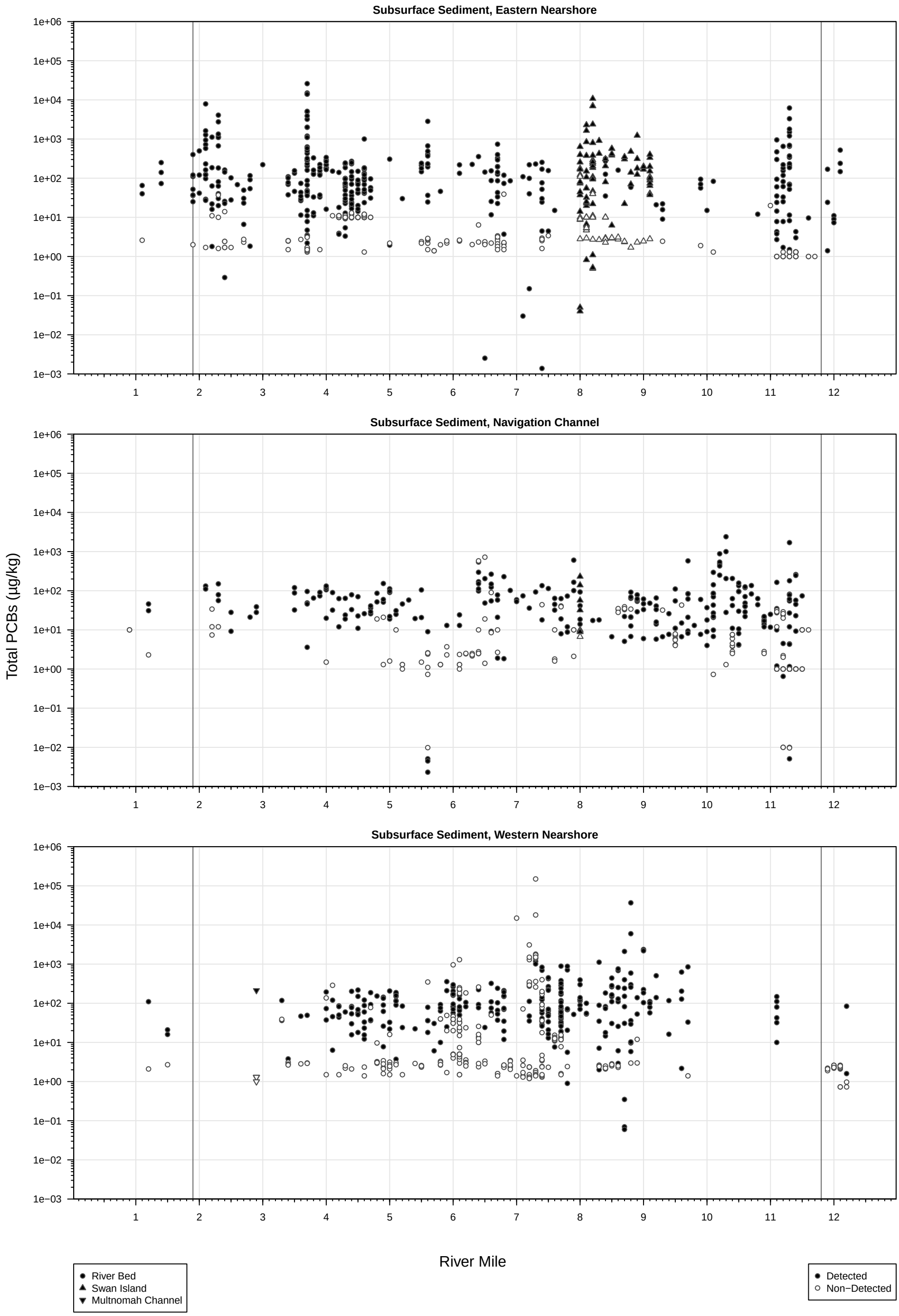


Figure 5.2−2
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs
Concentrations in Subsurface Sediment, RM 0.8−12.2

Figure 5.2-3
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Total PCBs Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

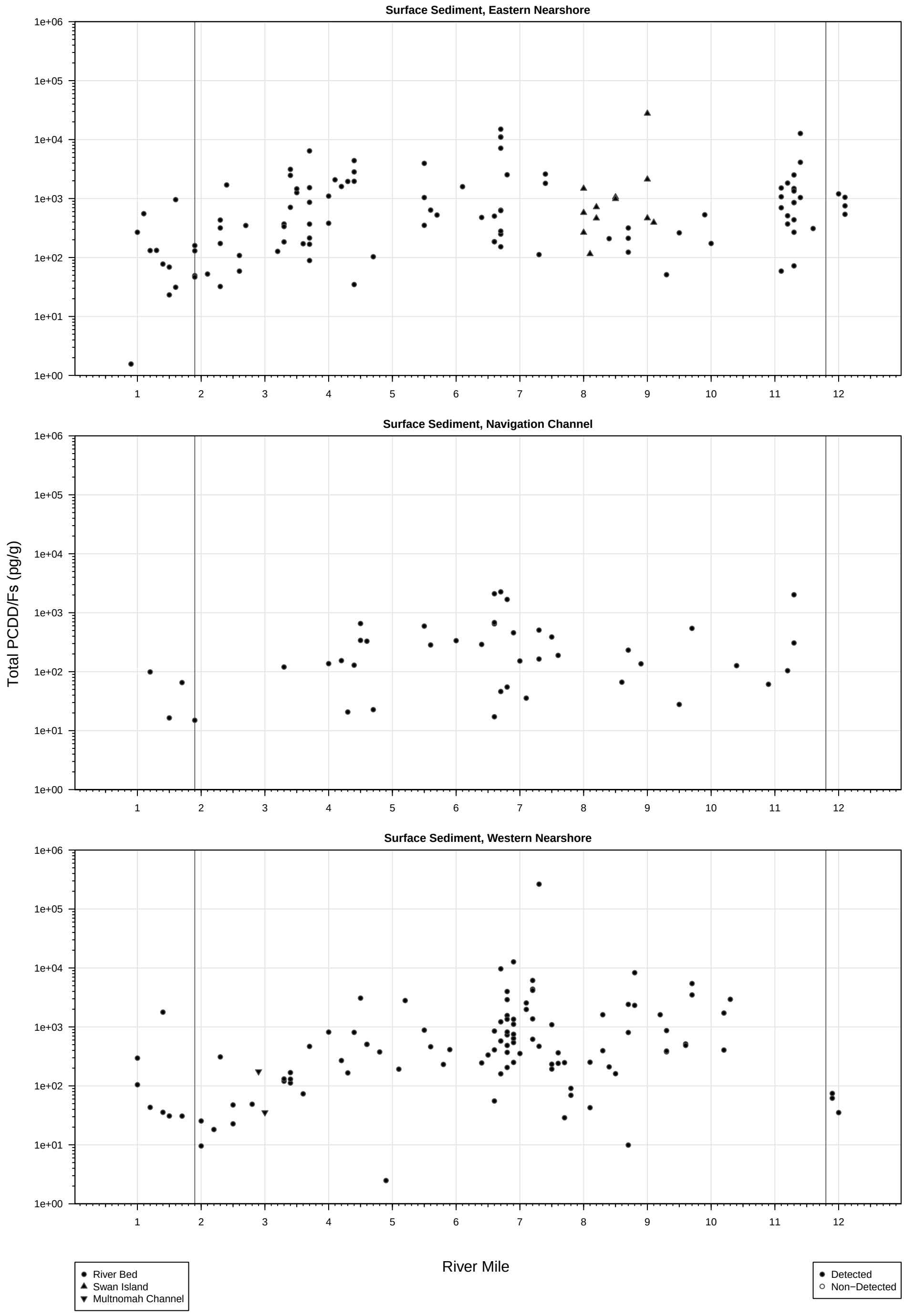


Figure 5.2−4
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs
Concentrations in Surface Sediment, RM 0.8−12.2

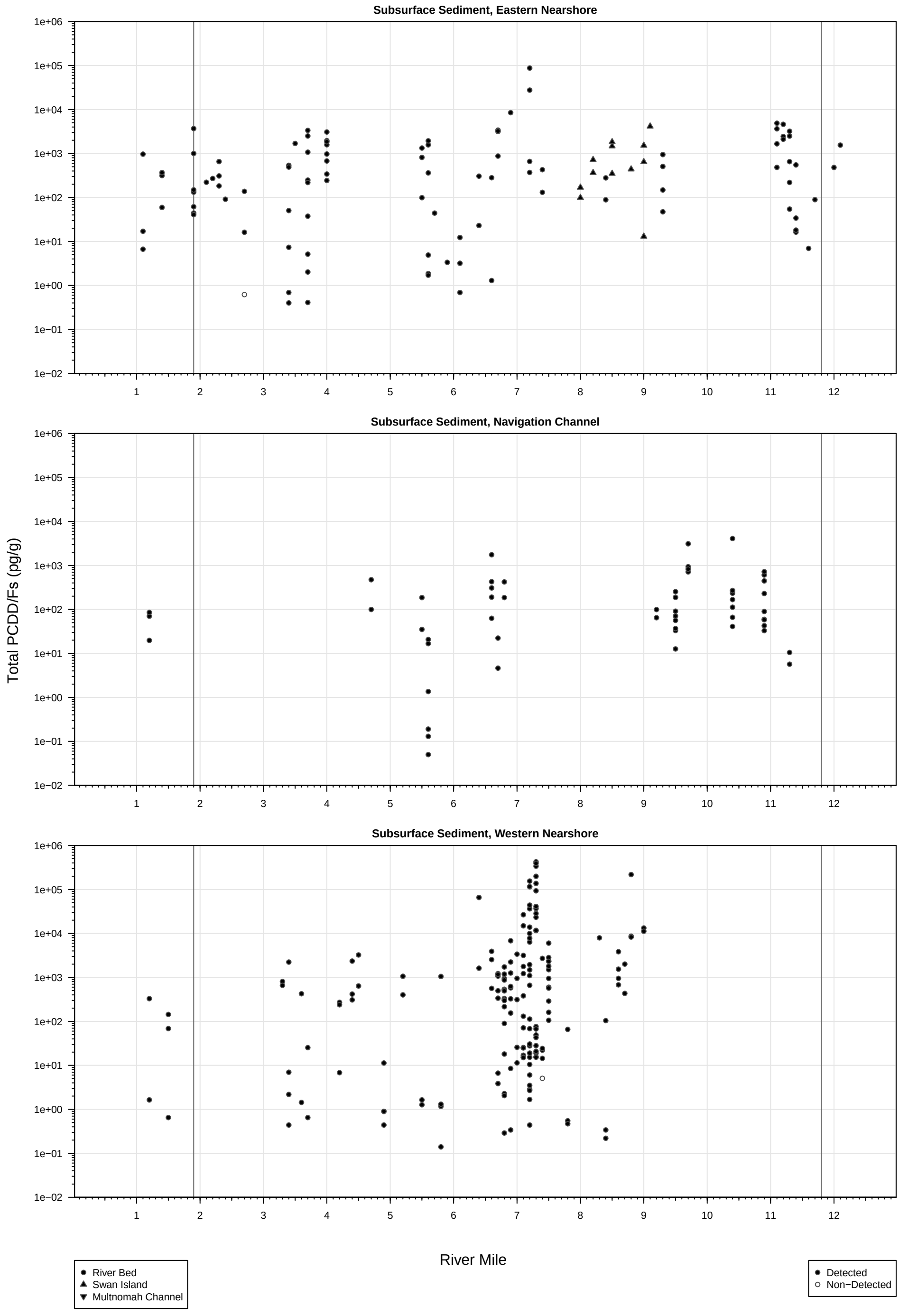


Figure 5.2−5
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs
Concentrations in Subsurface Sediment, RM 0.8−12.2

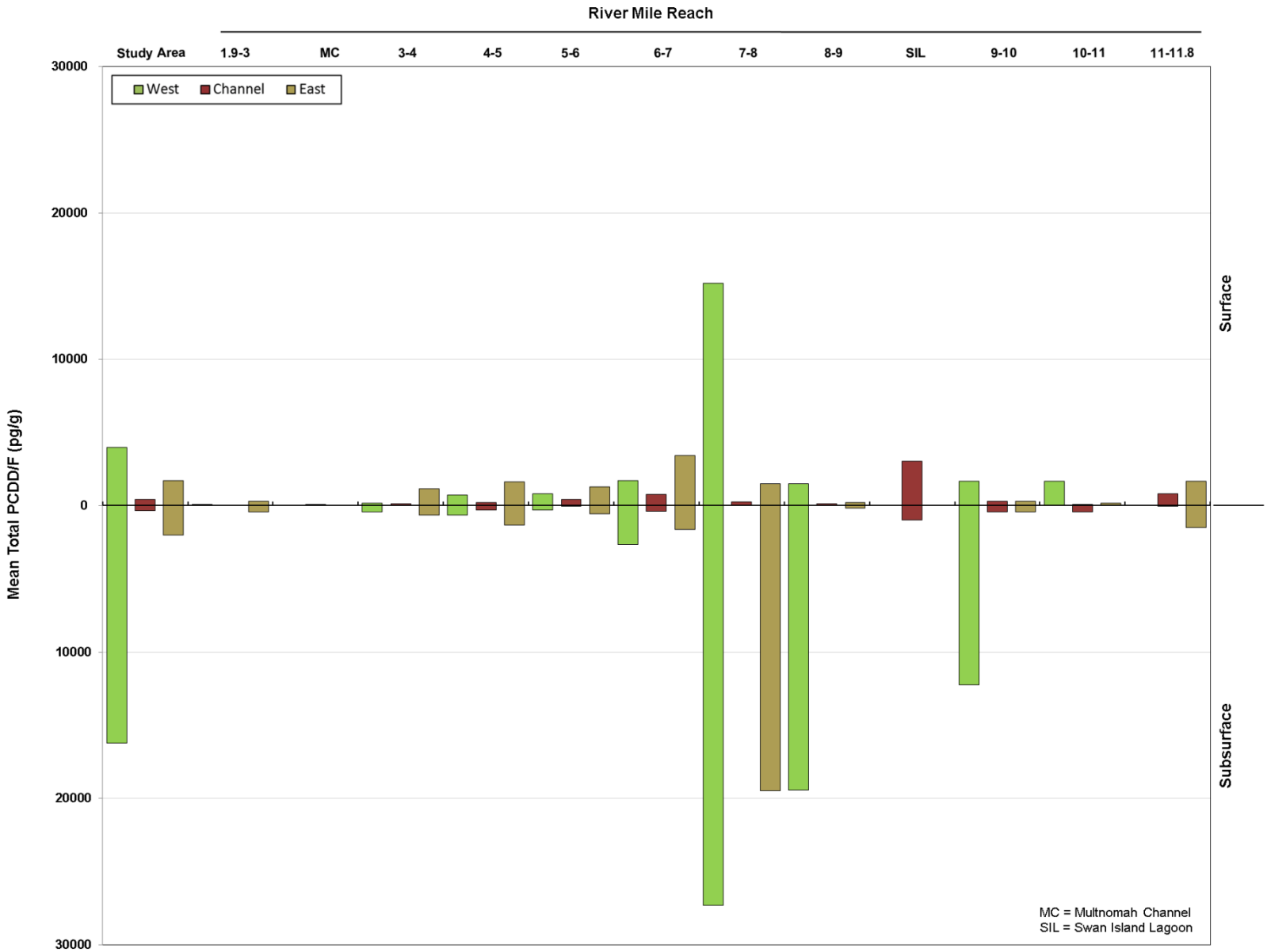


Figure 5.2-6
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Total PCDD/Fs Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

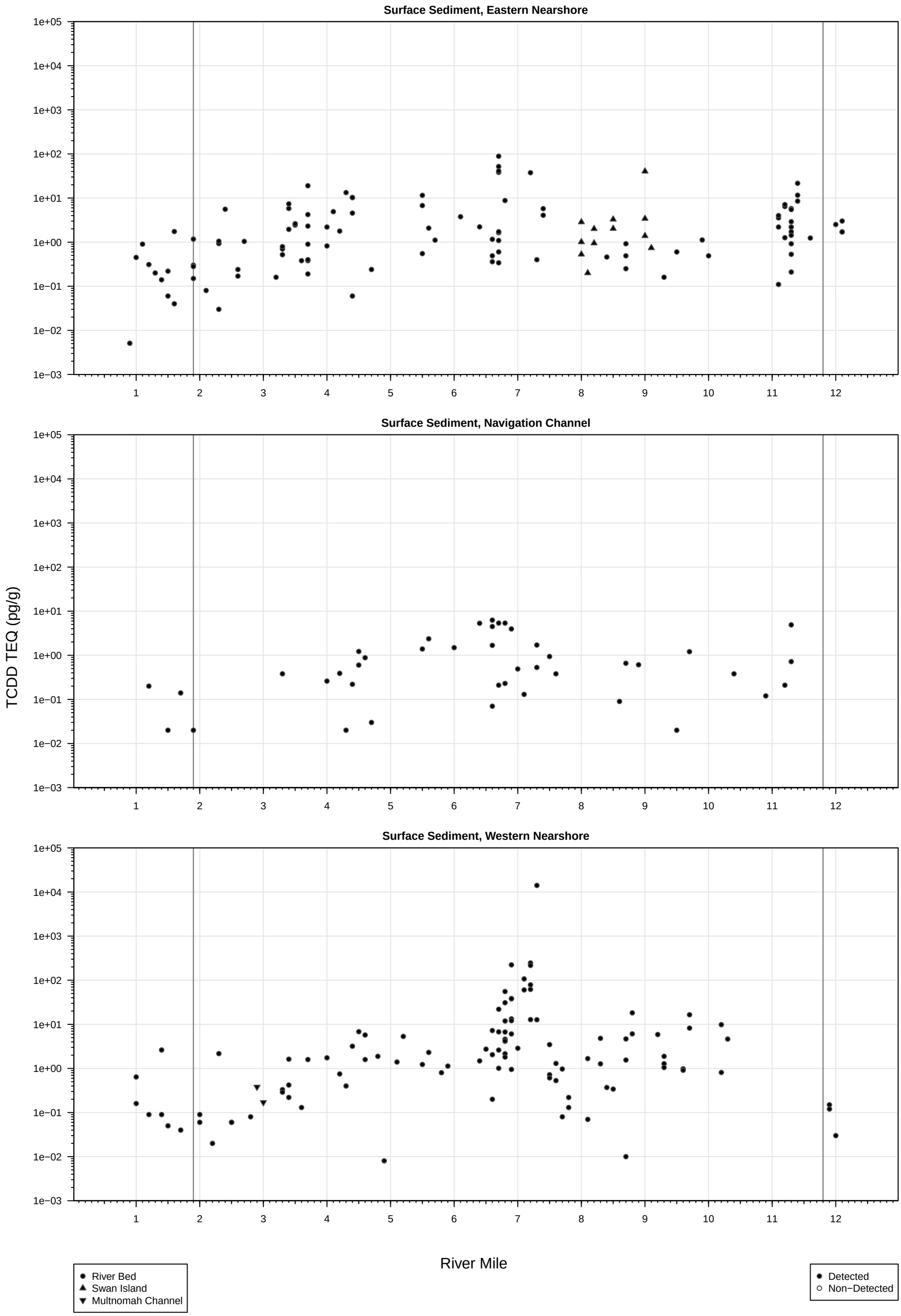


Figure 5.2−7
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ
Concentrations in Surface Sediment, RM 0.8−12.2

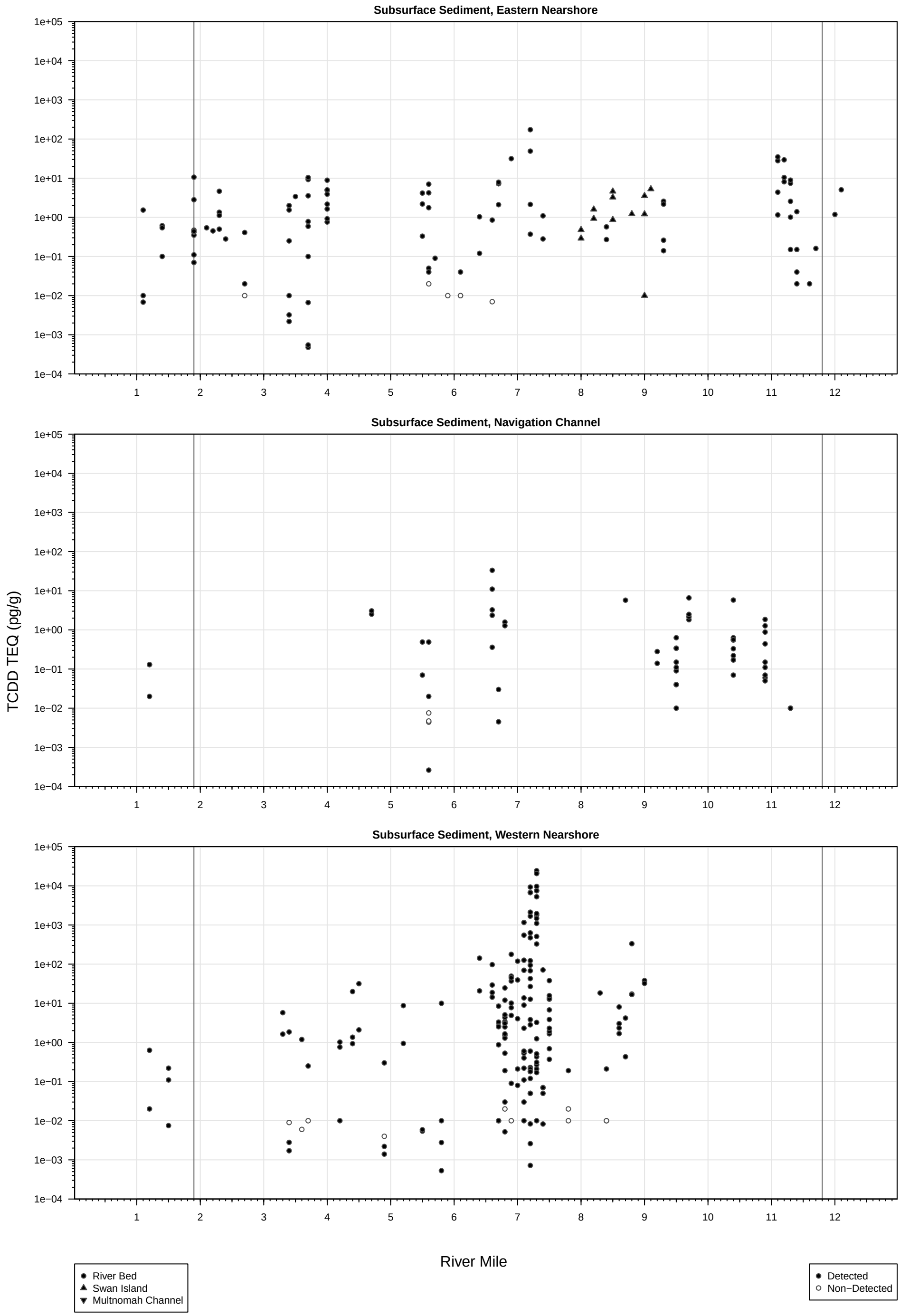


Figure 5.2−8
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ
Concentrations in Subsurface Sediment, RM 0.8−12.2

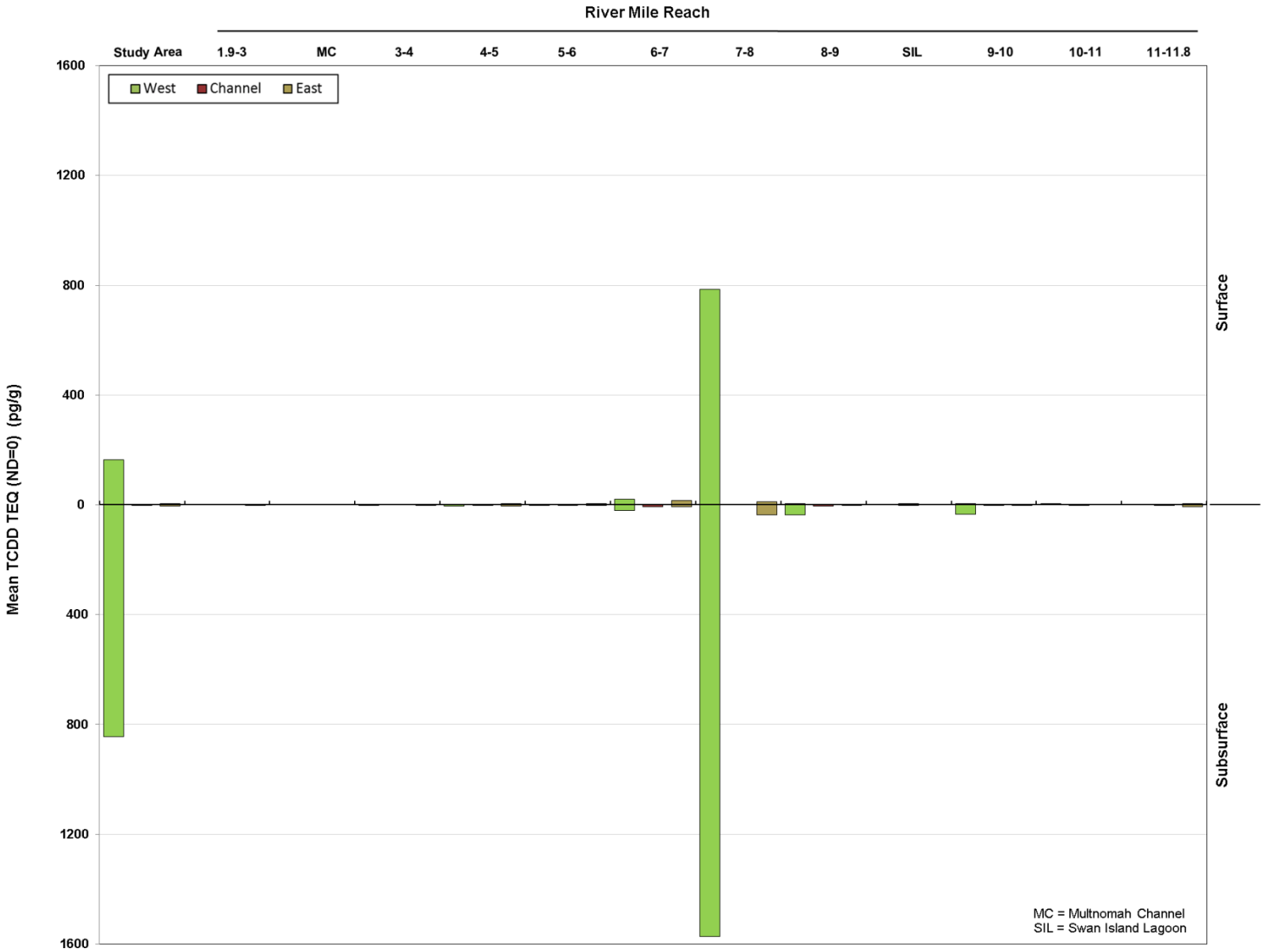


Figure 5.2-9
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean TCDD TEQ Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

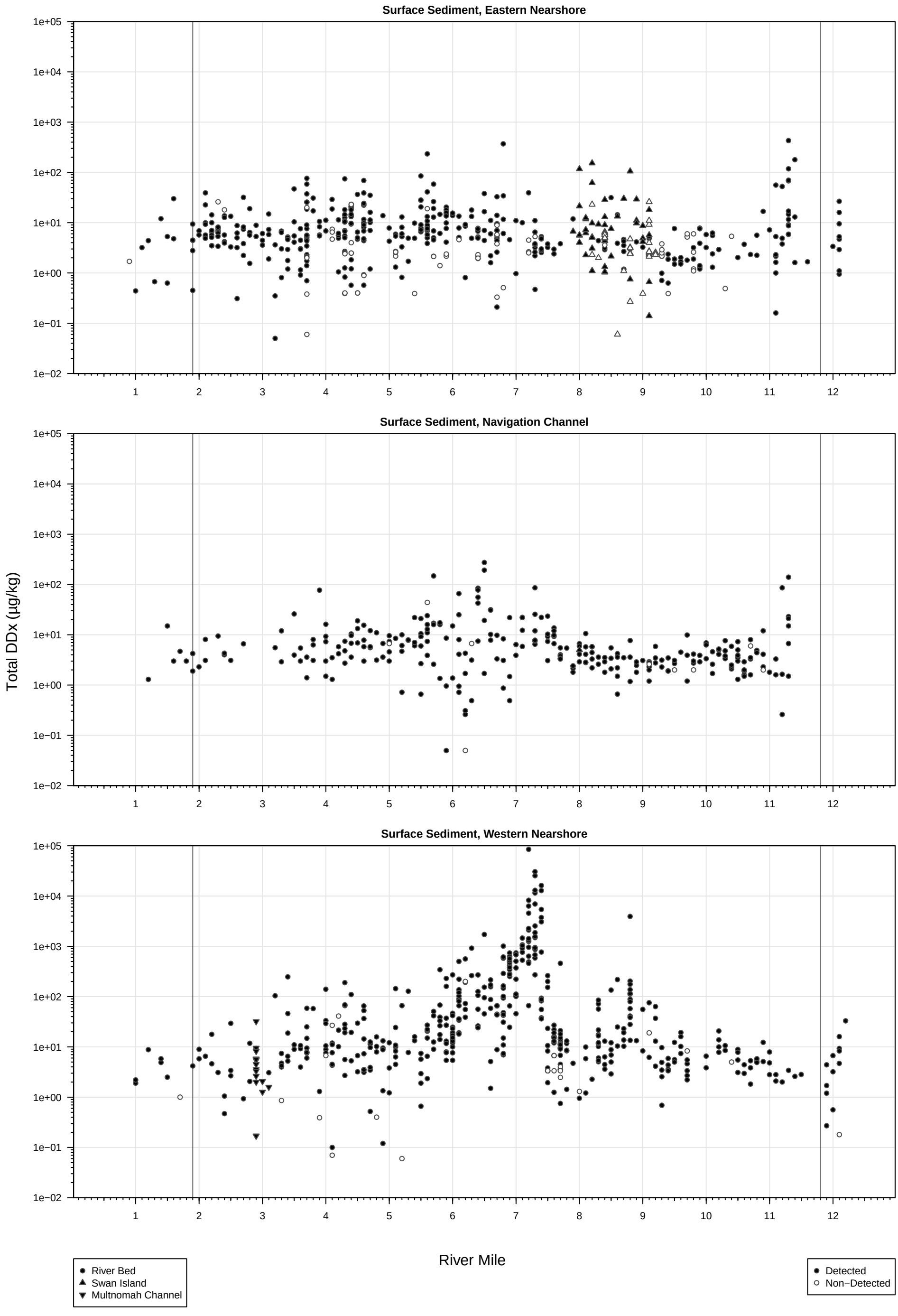


Figure 5.2−10
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx
Concentrations in Surface Sediment, RM 0.8−12.2

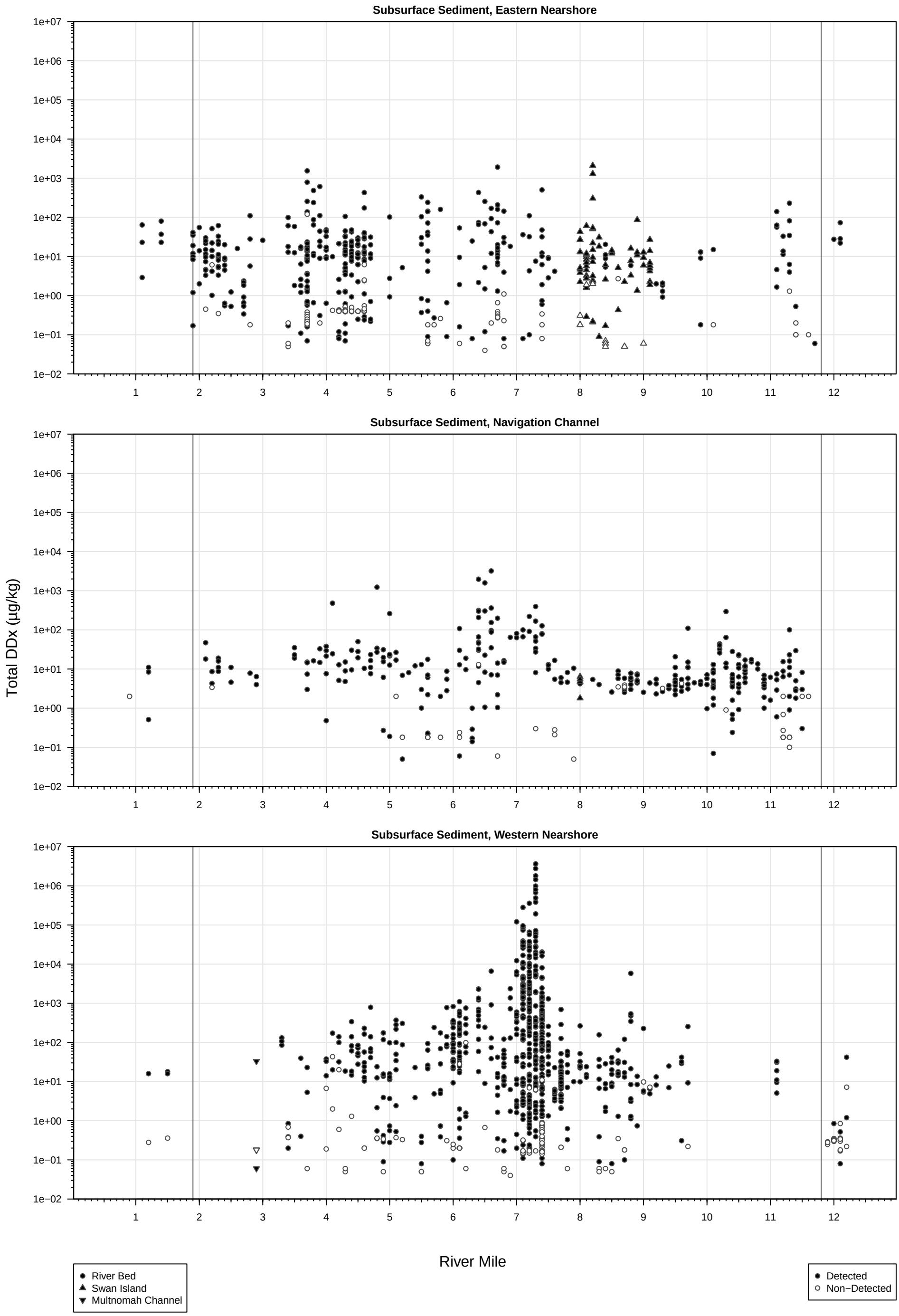


Figure 5.2−11
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx
Concentrations in Subsurface Sediment, RM 0.8−12.2

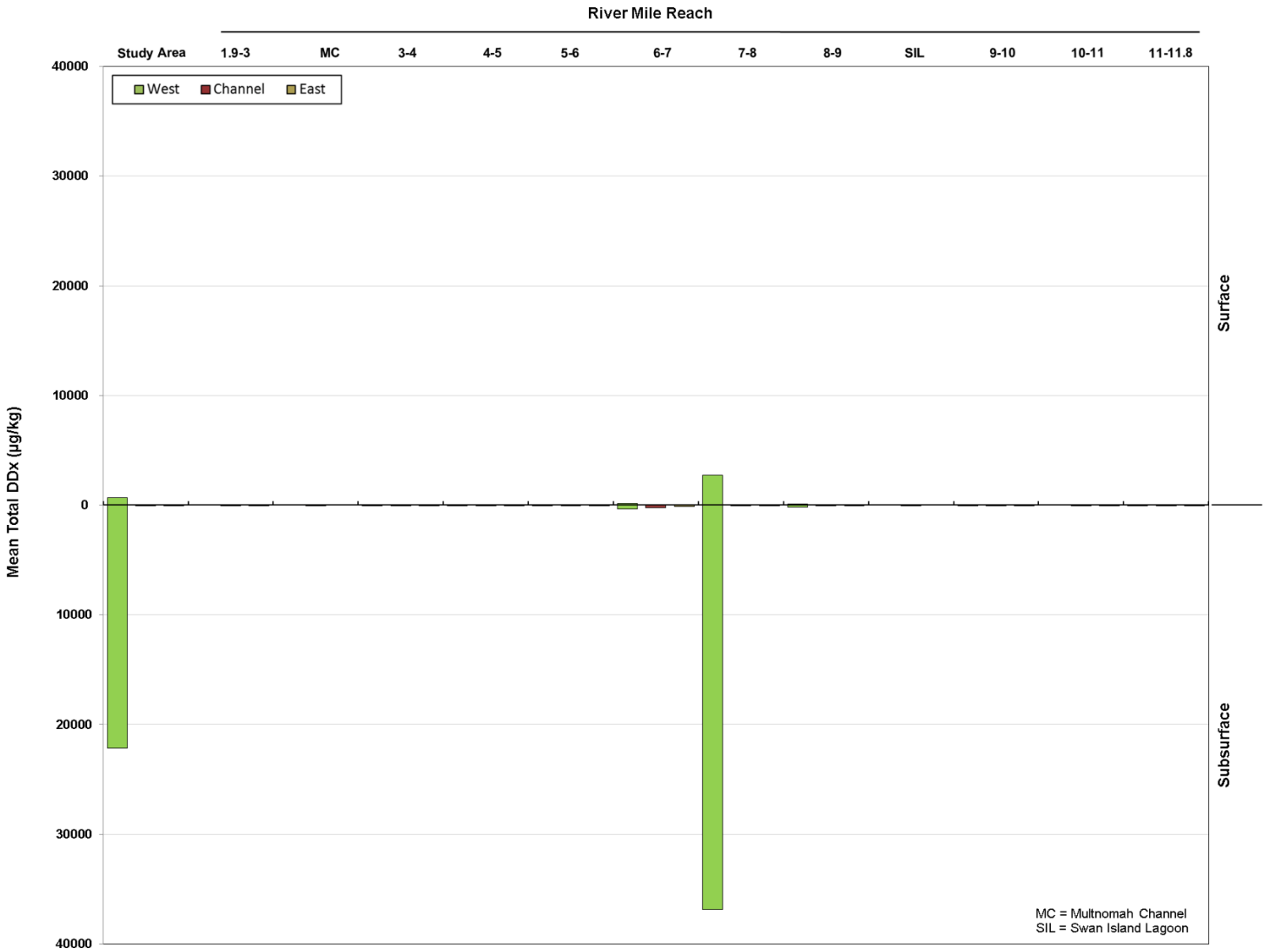


Figure 5.2-12
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Total DDx Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

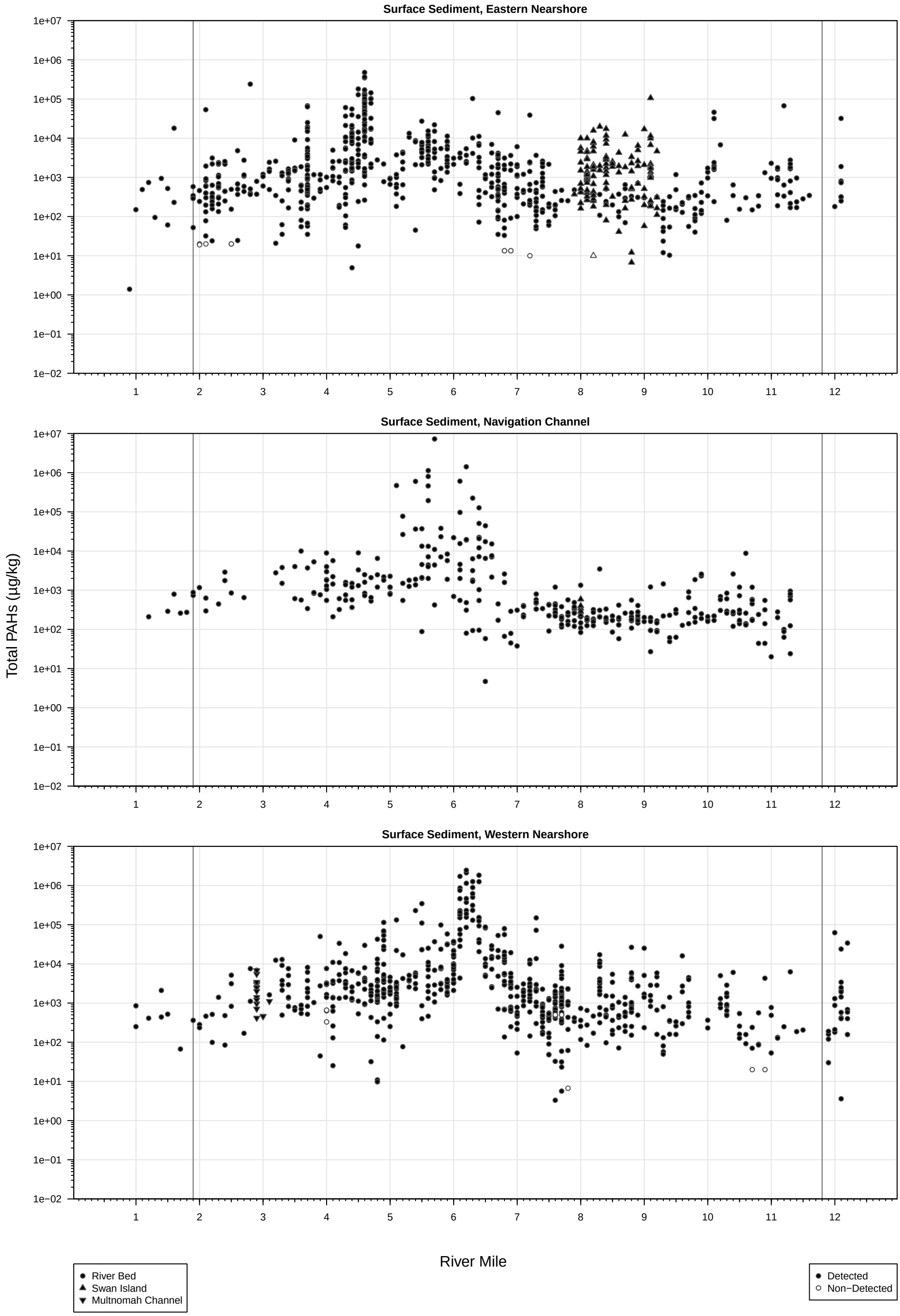


Figure 5.2−13
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAHs
Concentrations in Surface Sediment, RM 0.8−12.2

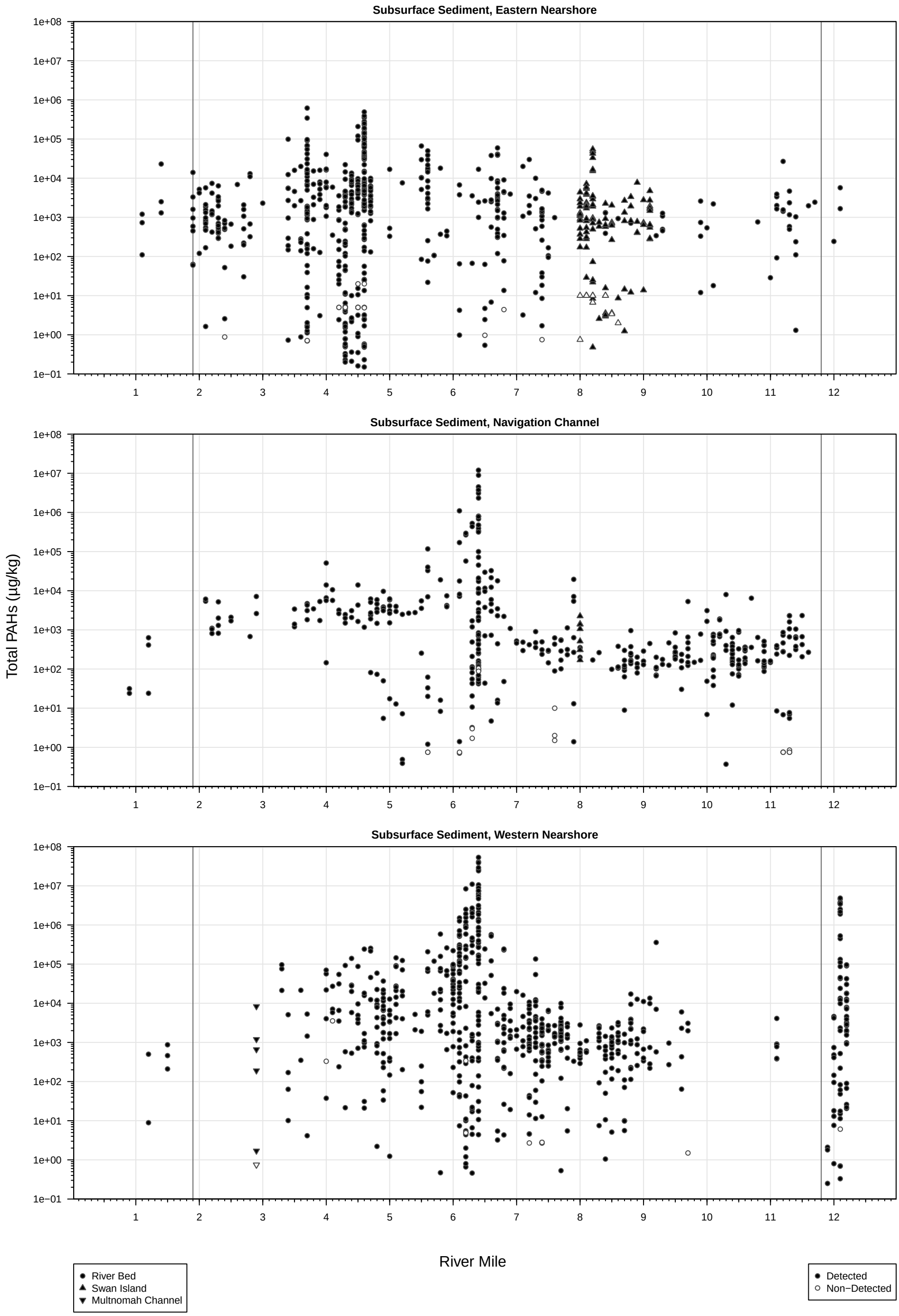


Figure 5.2−14
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAHs
Concentrations in Subsurface Sediment, RM 0.8−12.2

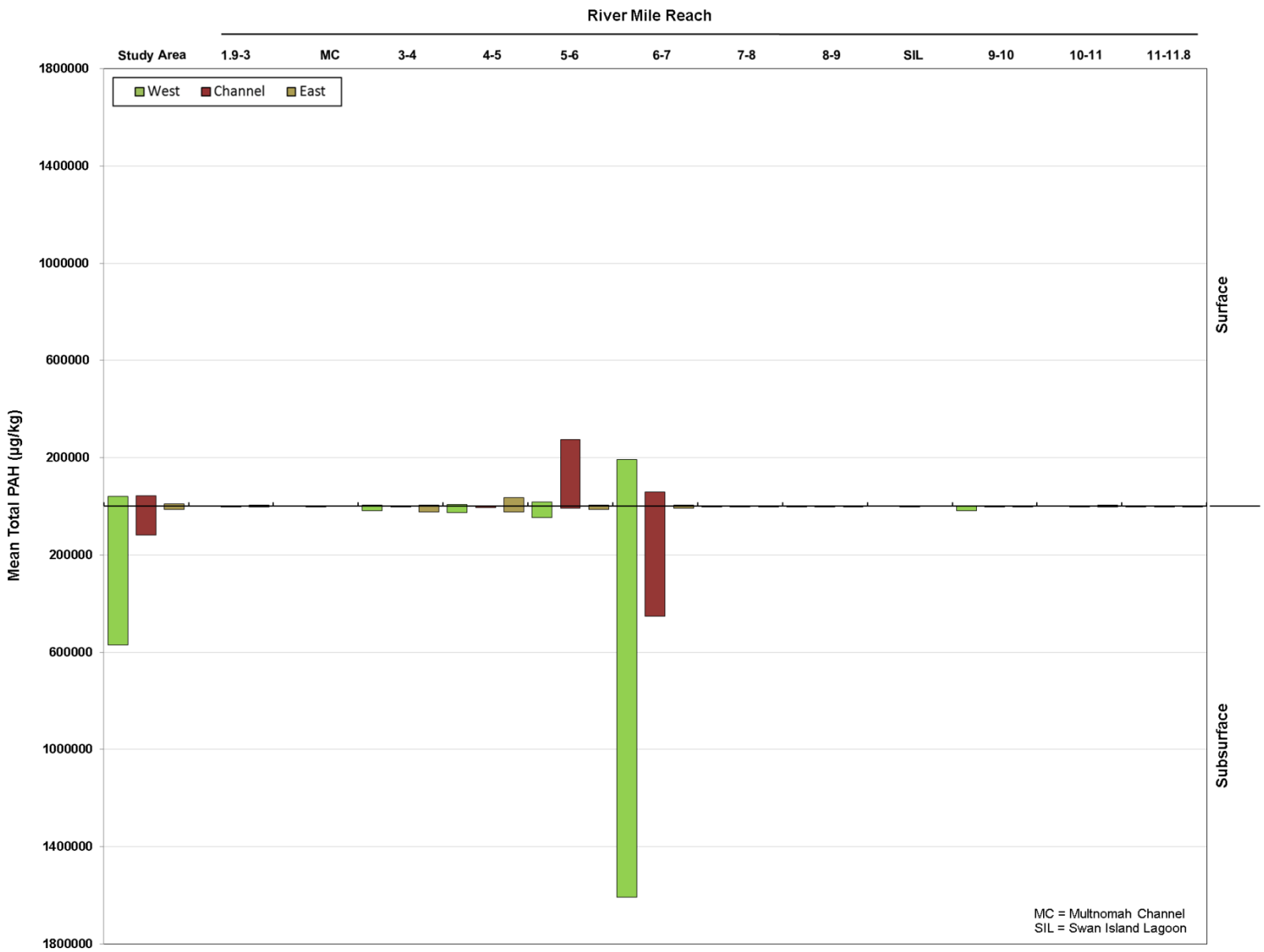


Figure 5.2-15
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Total PAHs Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

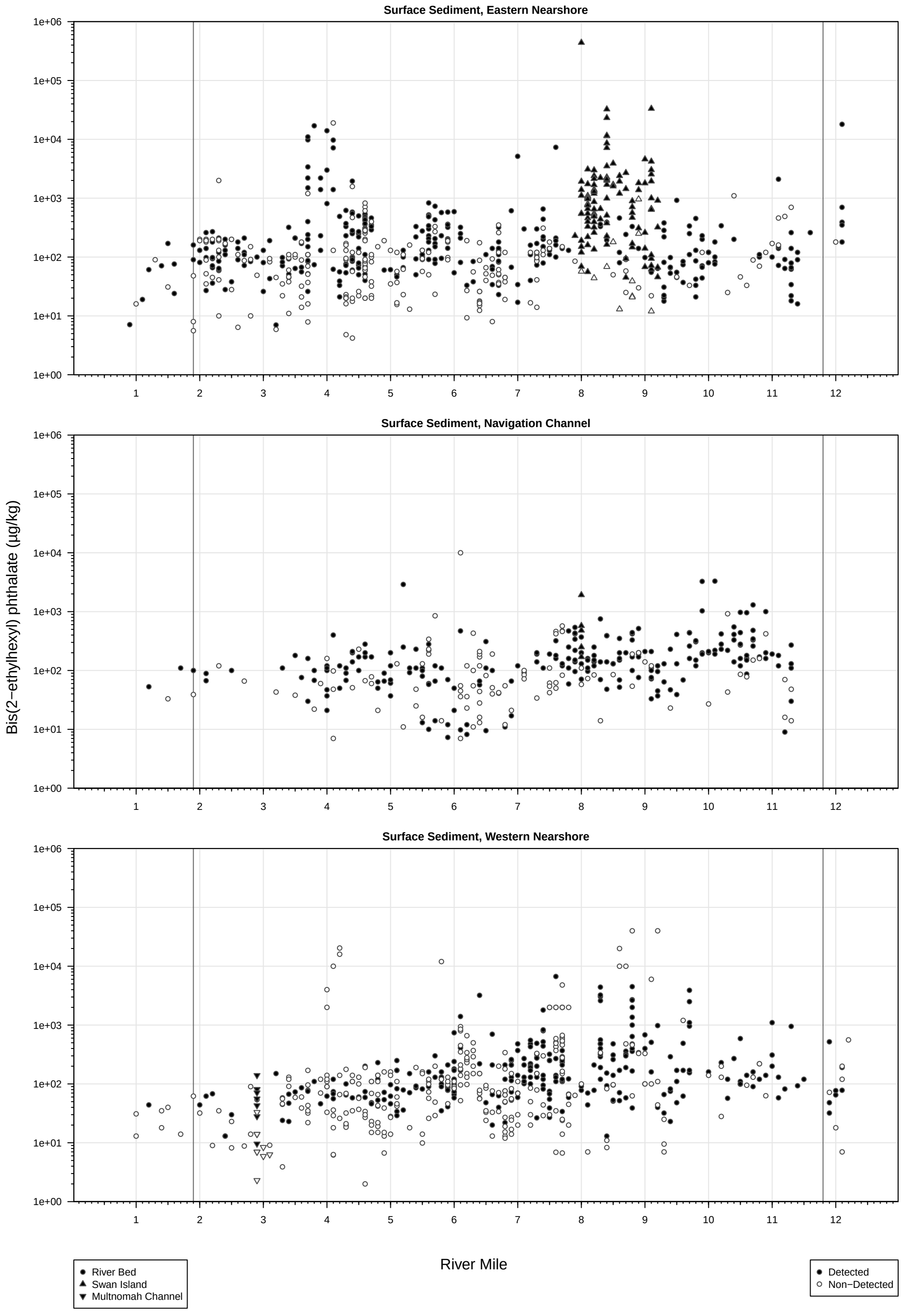


Figure 5.2−16
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate
Concentrations in Surface Sediment, RM 0.8−12.2

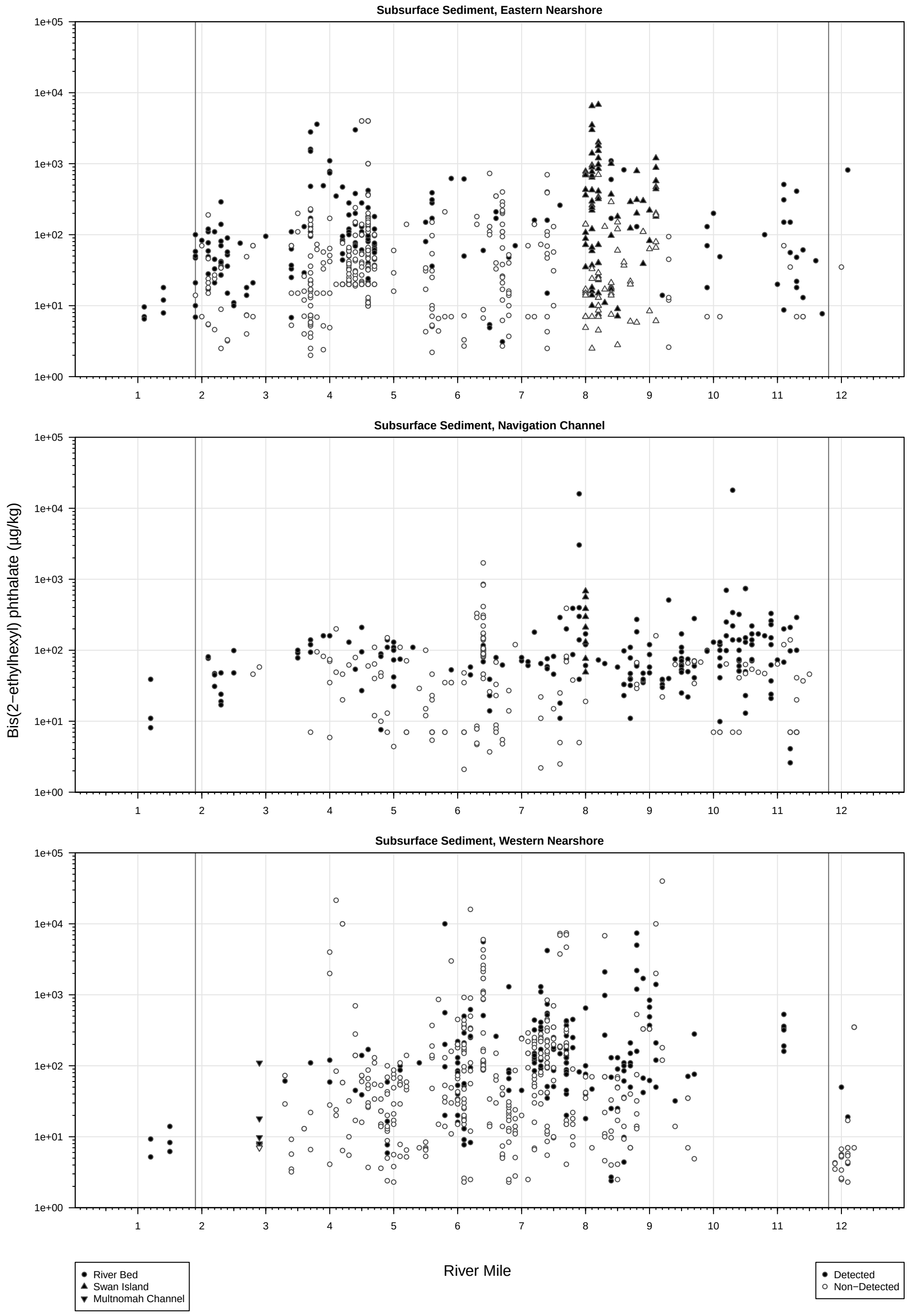


Figure 5.2−17
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate
Concentrations in Subsurface Sediment, RM 0.8−12.2

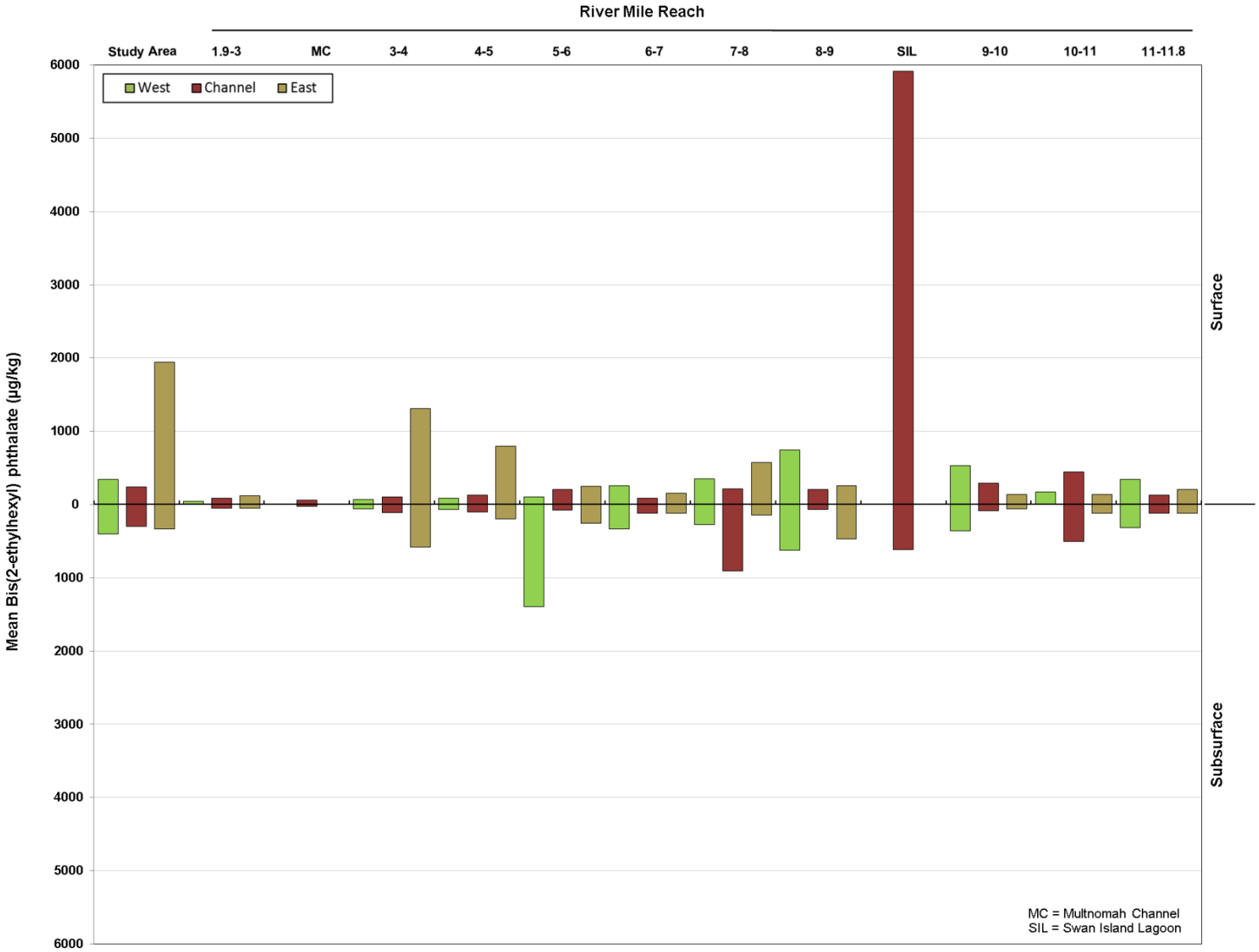


Figure 5.2-18
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Bis(2-ethylhexyl) phthalate Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

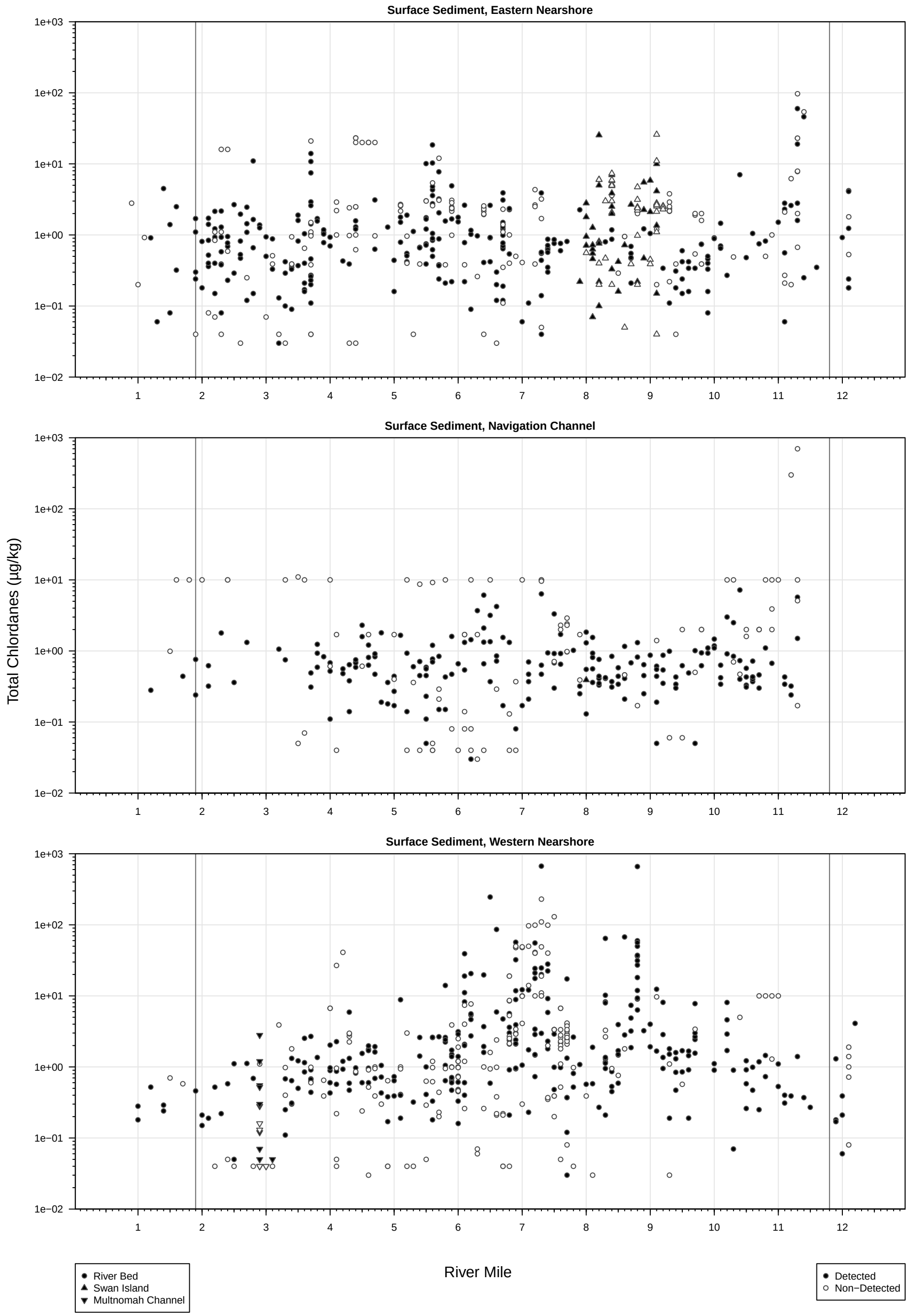


Figure 5.2−19
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes
Concentrations in Surface Sediment, RM 0.8−12.2

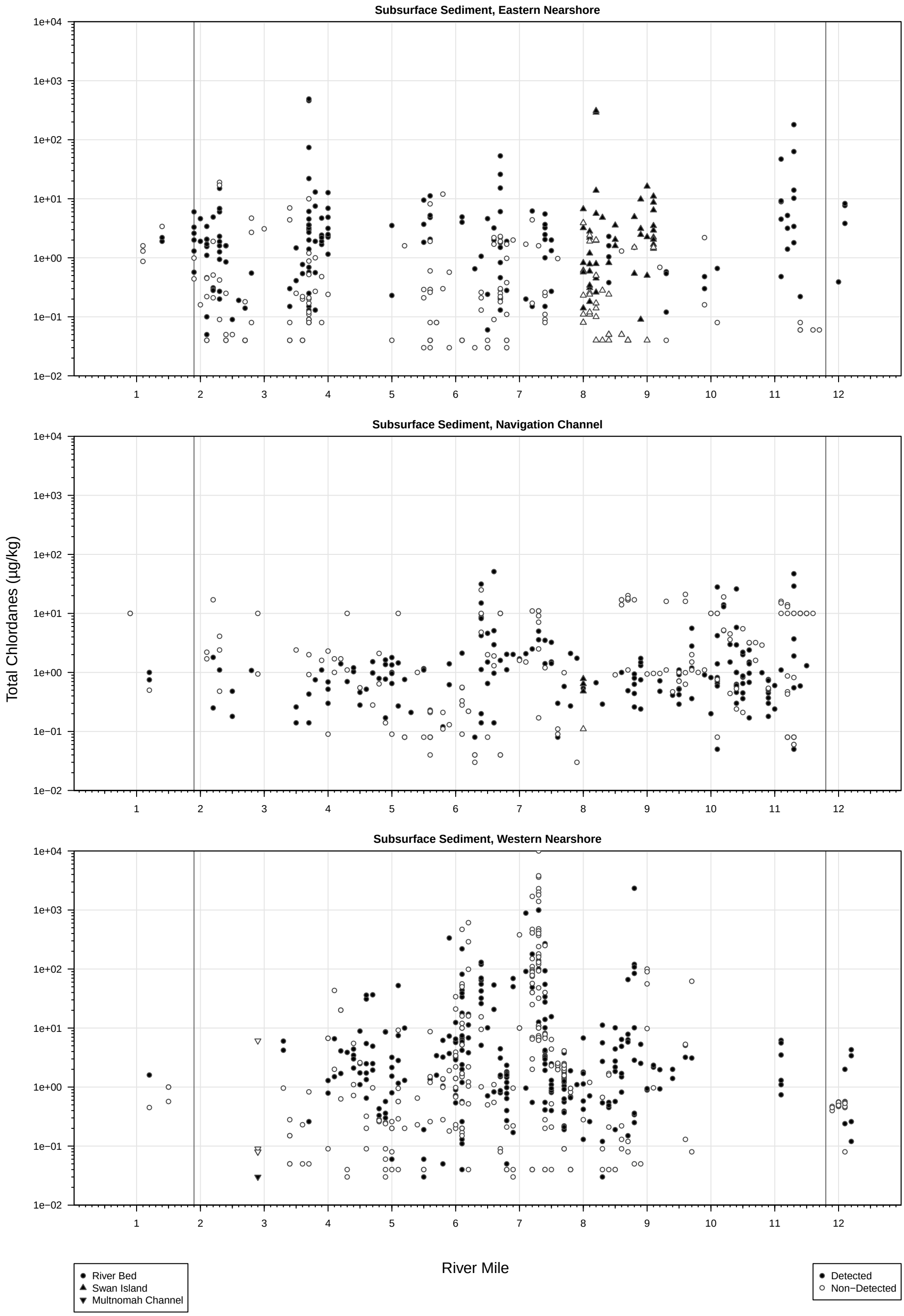


Figure 5.2−20
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes
Concentrations in Subsurface Sediment, RM 0.8−12.2

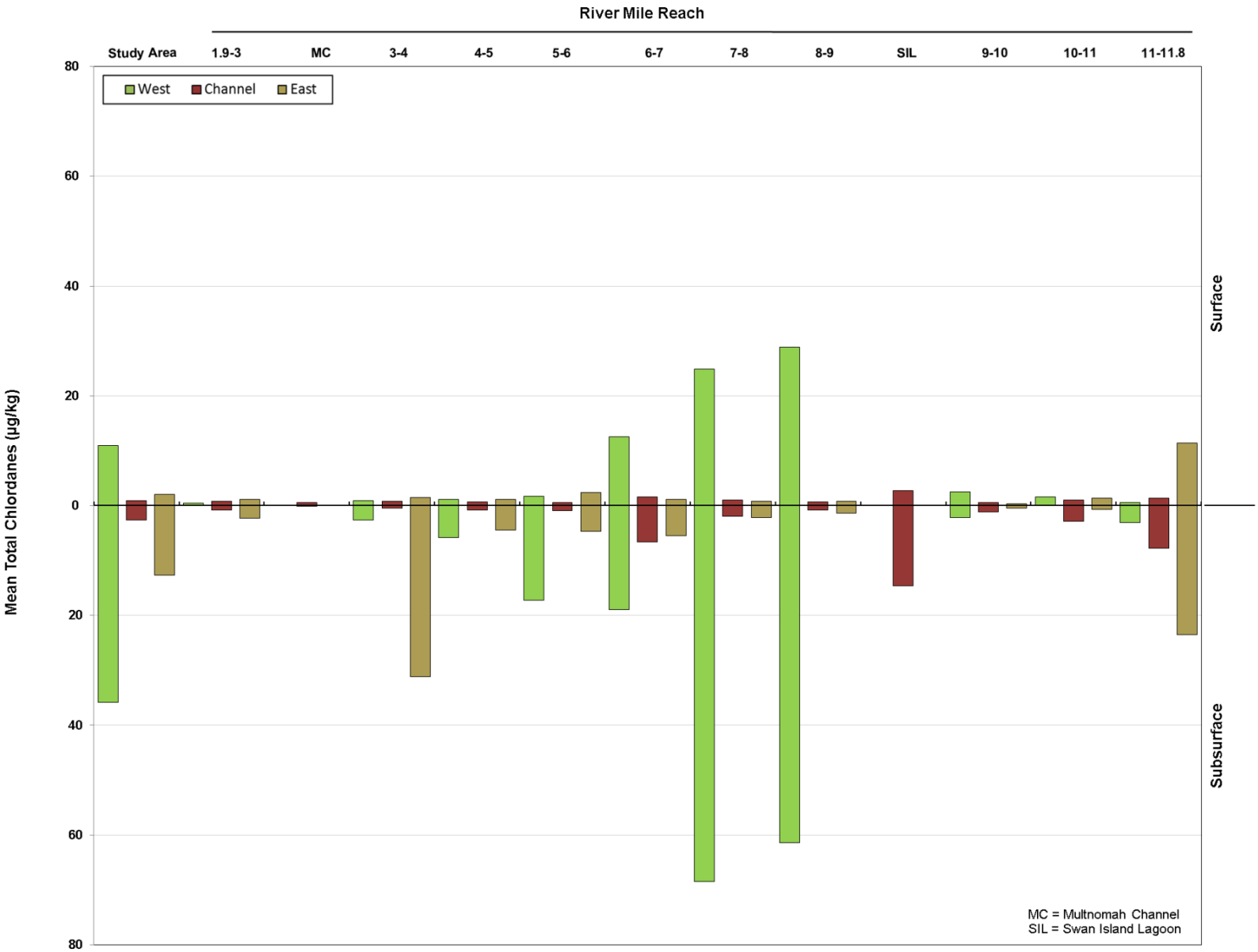


Figure 5.2-21
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Total Chlordanes Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

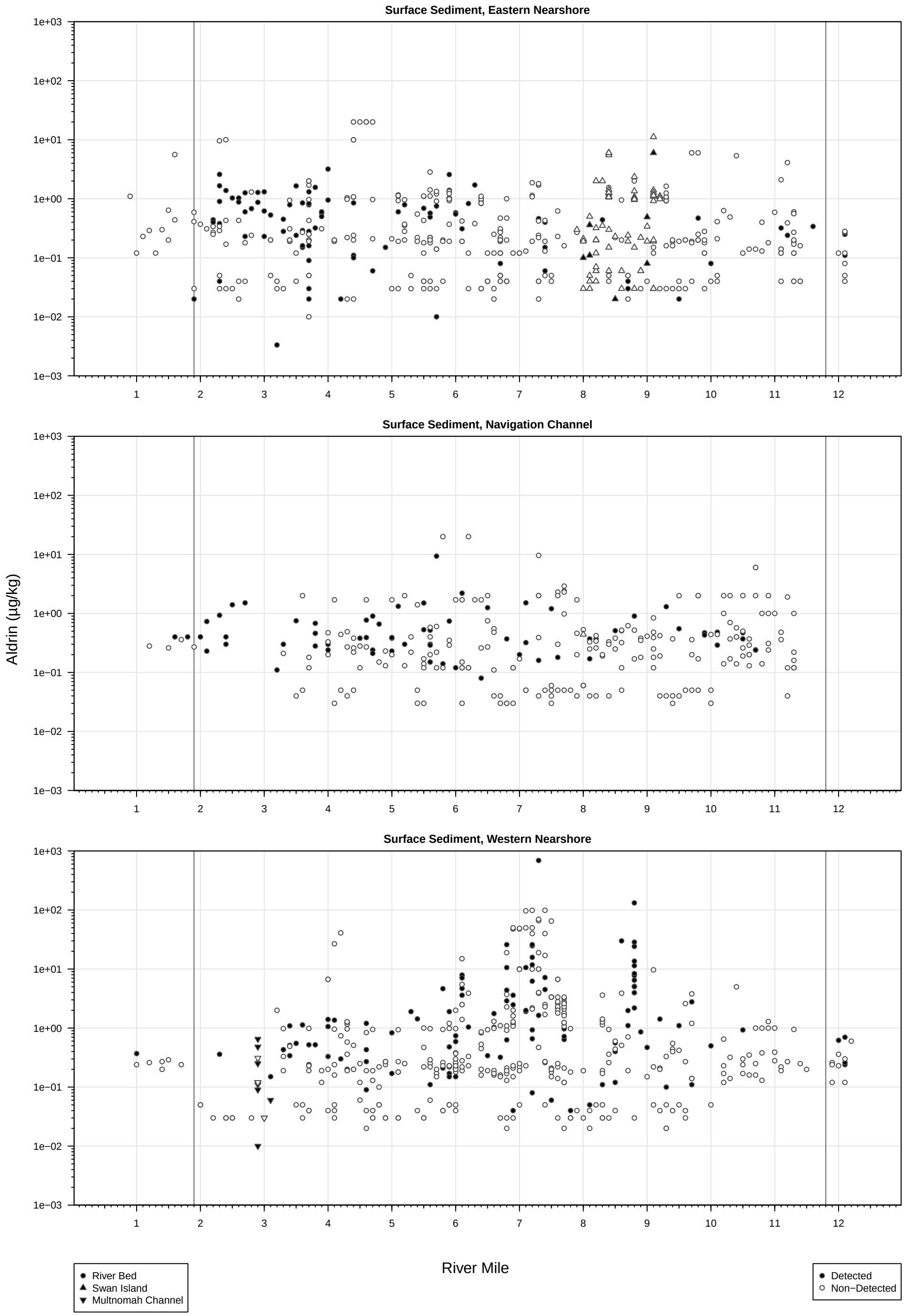


Figure 5.2−22
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin
Concentrations in Surface Sediment, RM 0.8−12.2

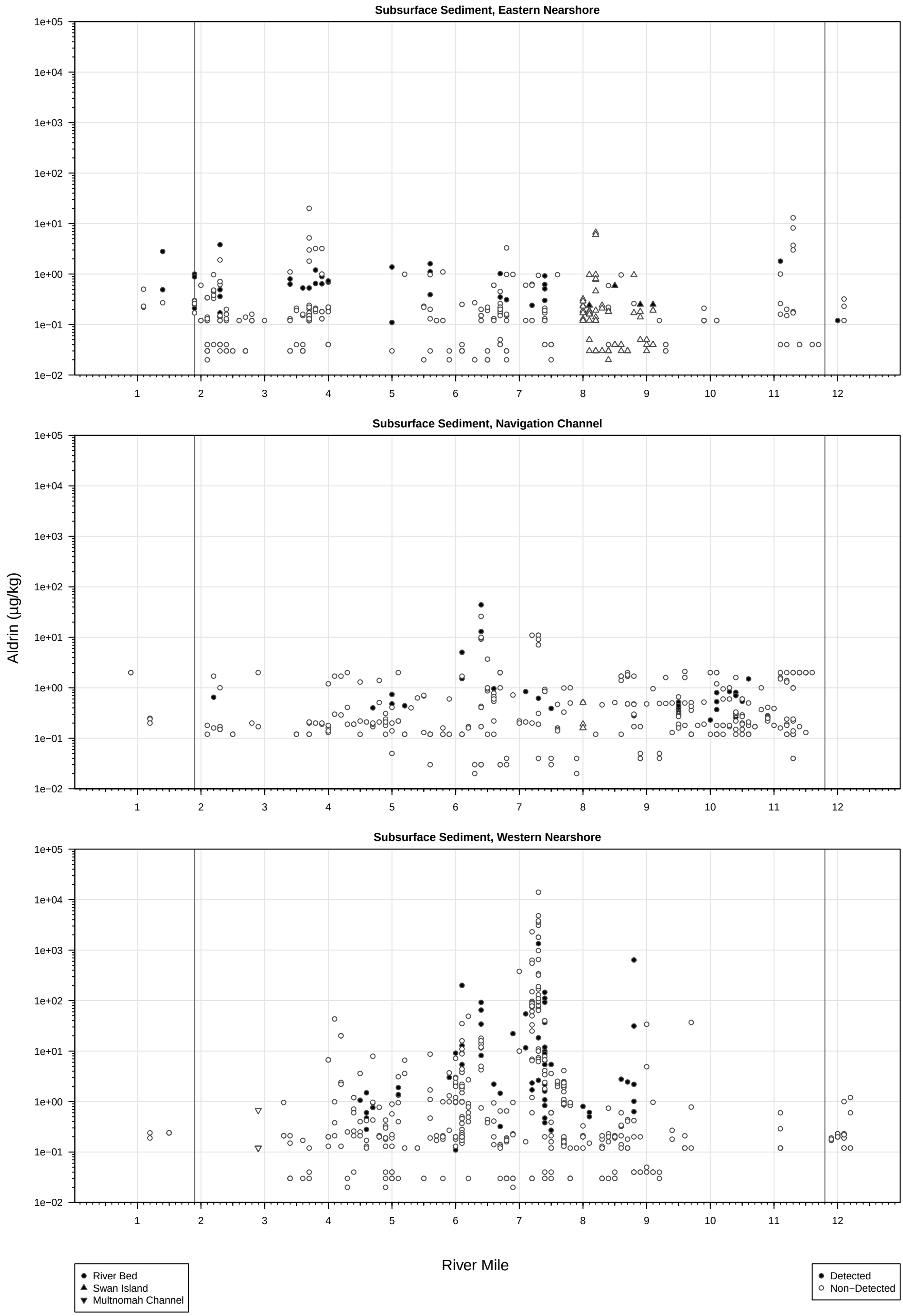


Figure 5.2−23
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin
Concentrations in Subsurface Sediment, RM 0.8−12.2

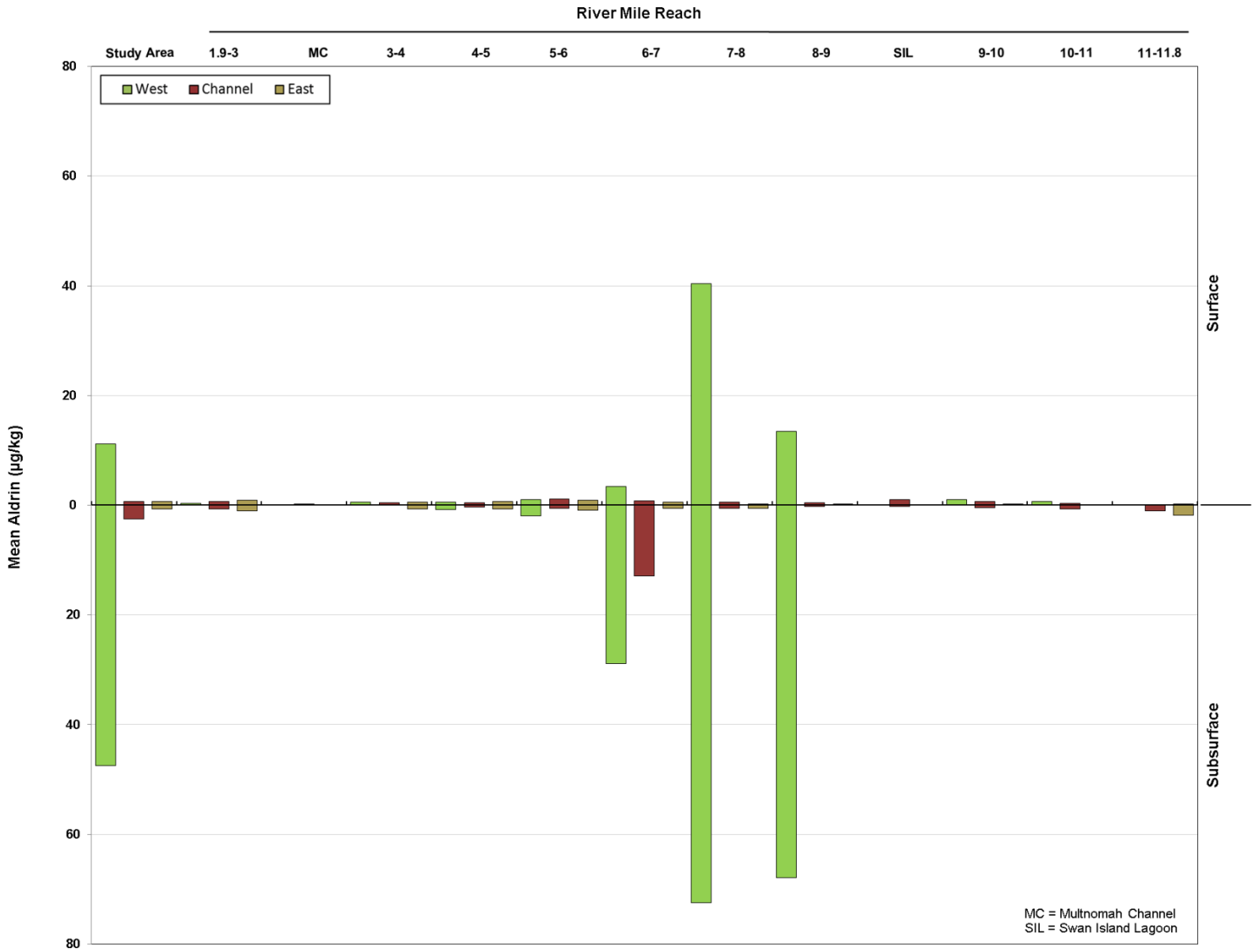


Figure 5.2-24
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Aldrin Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

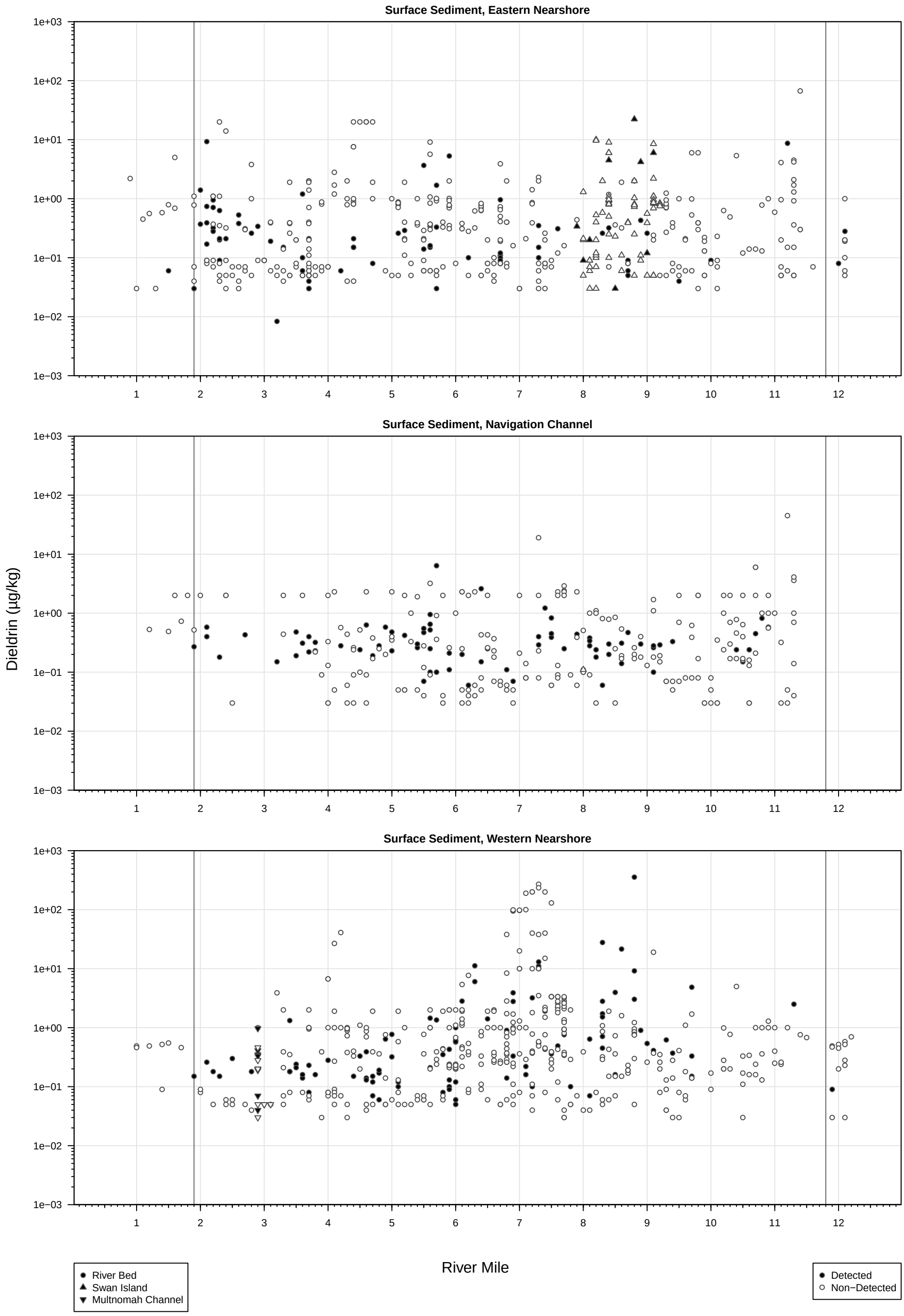


Figure 5.2−25
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin
Concentrations in Surface Sediment, RM 0.8−12.2

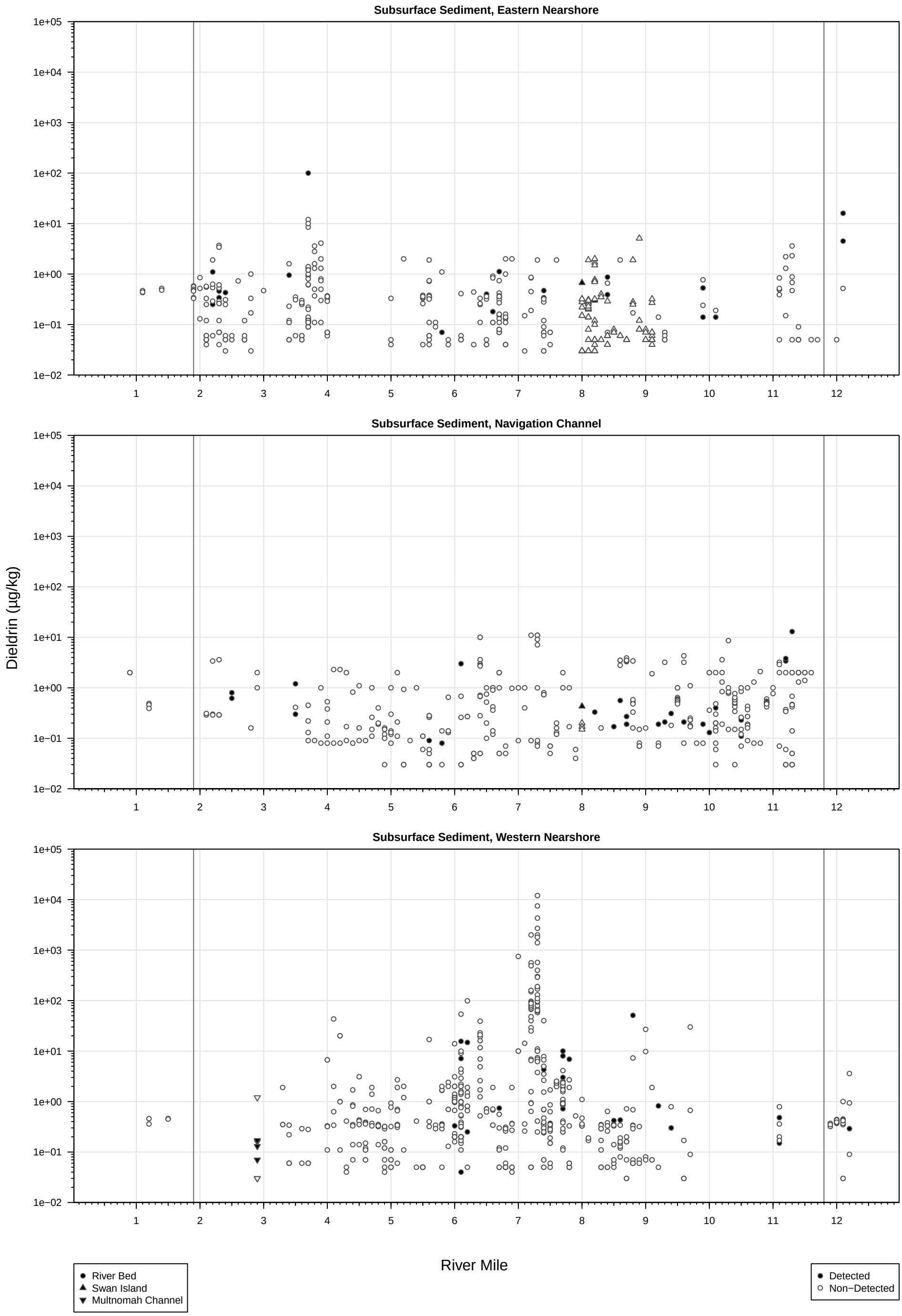


Figure 5.2−26
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin
Concentrations in Subsurface Sediment, RM 0.8−12.2

Figure 5.2-27
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Dieldrin Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

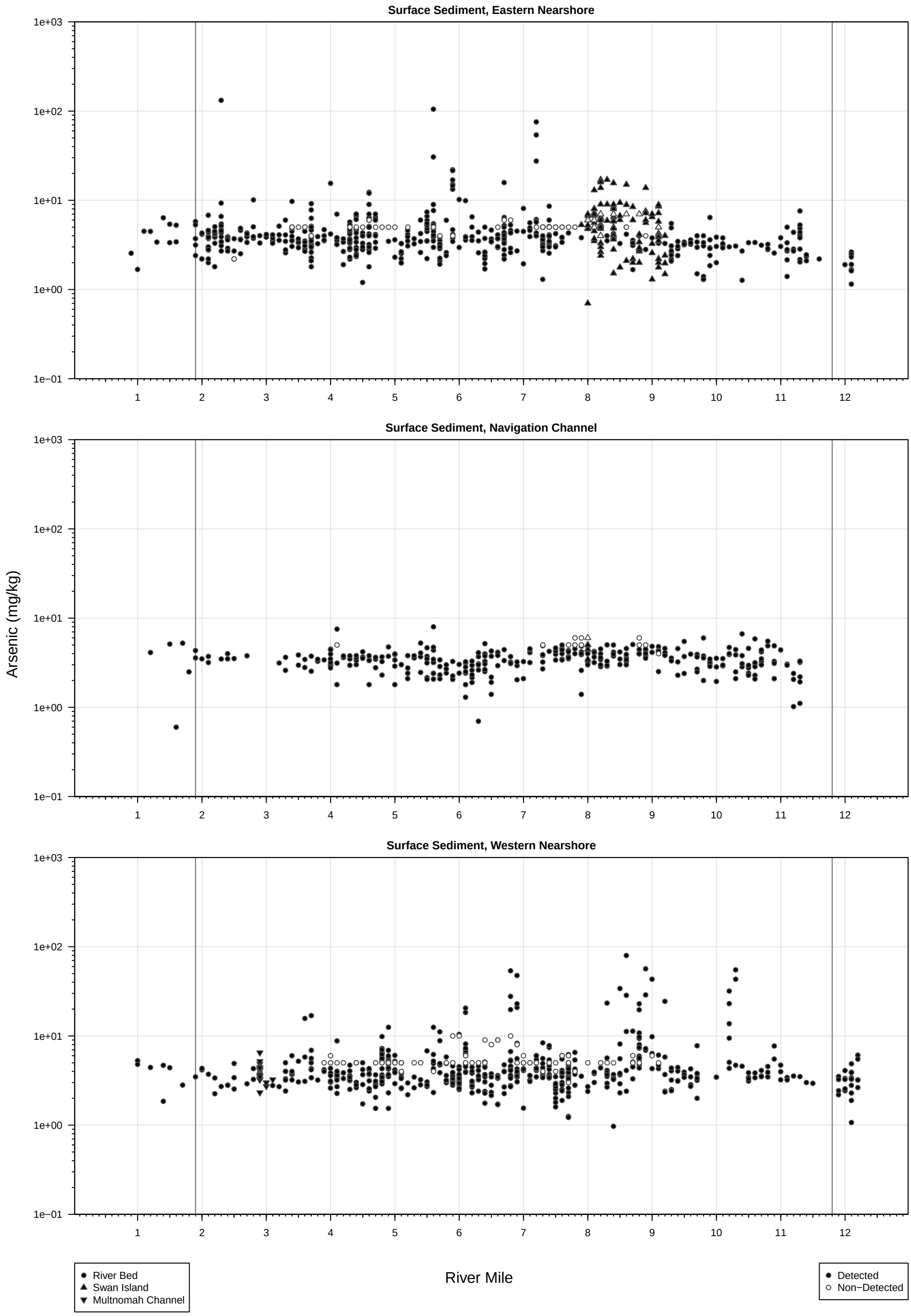


Figure 5.2−28
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic
Concentrations in Surface Sediment, RM 0.8−12.2

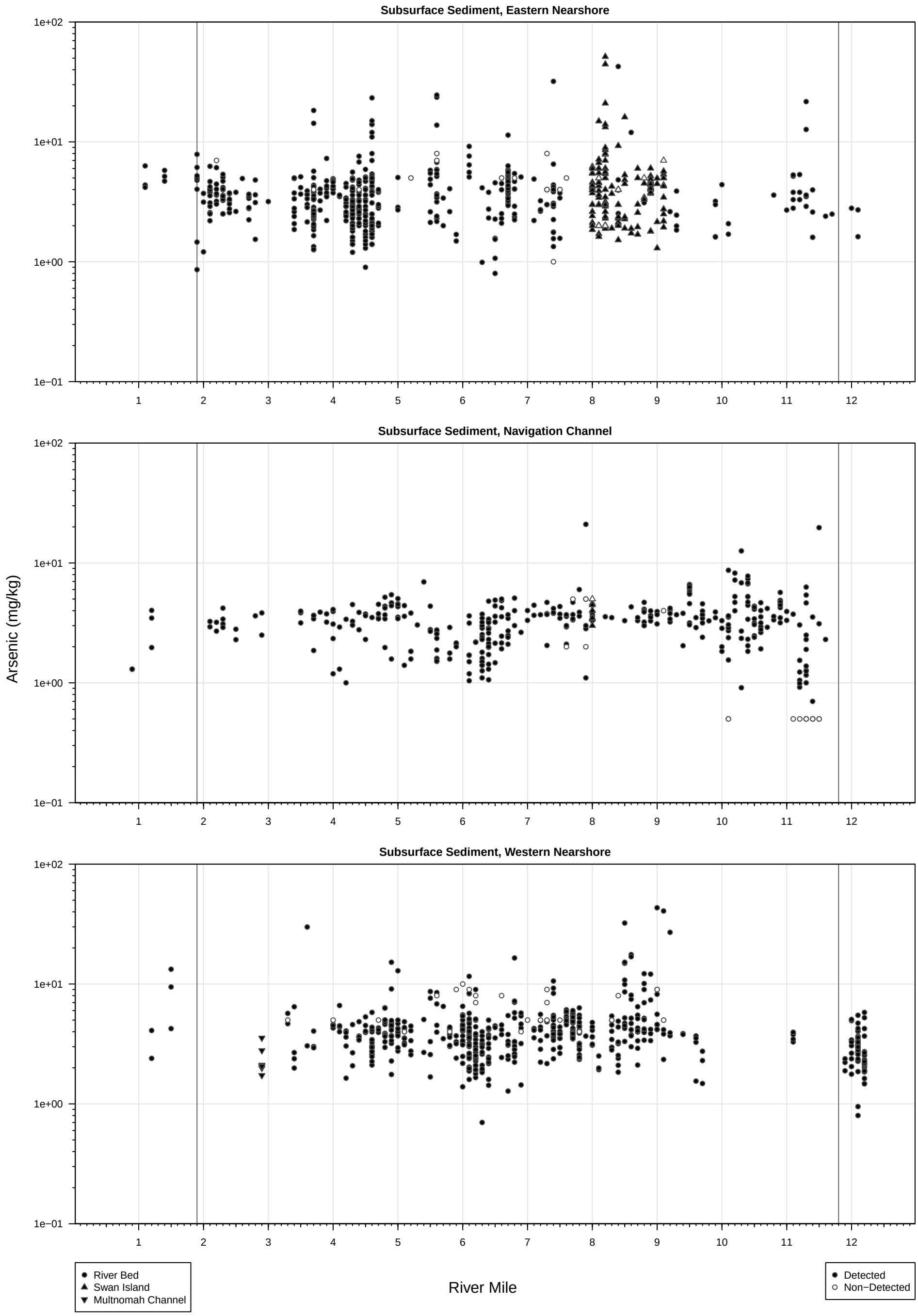


Figure 5.2−29
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic
Concentrations in Subsurface Sediment, RM 0.8−12.2

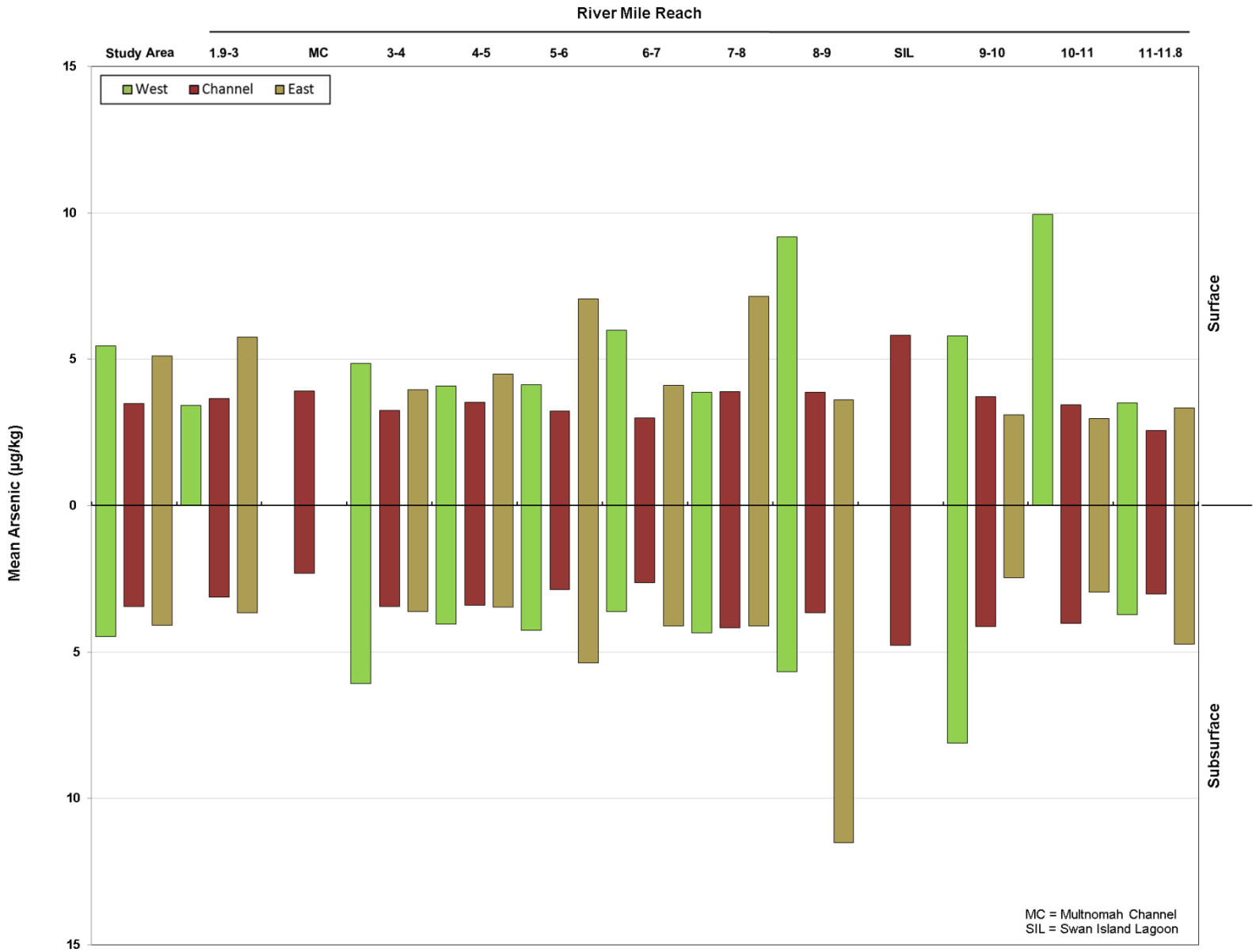


Figure 5.2-30
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Arsenic Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

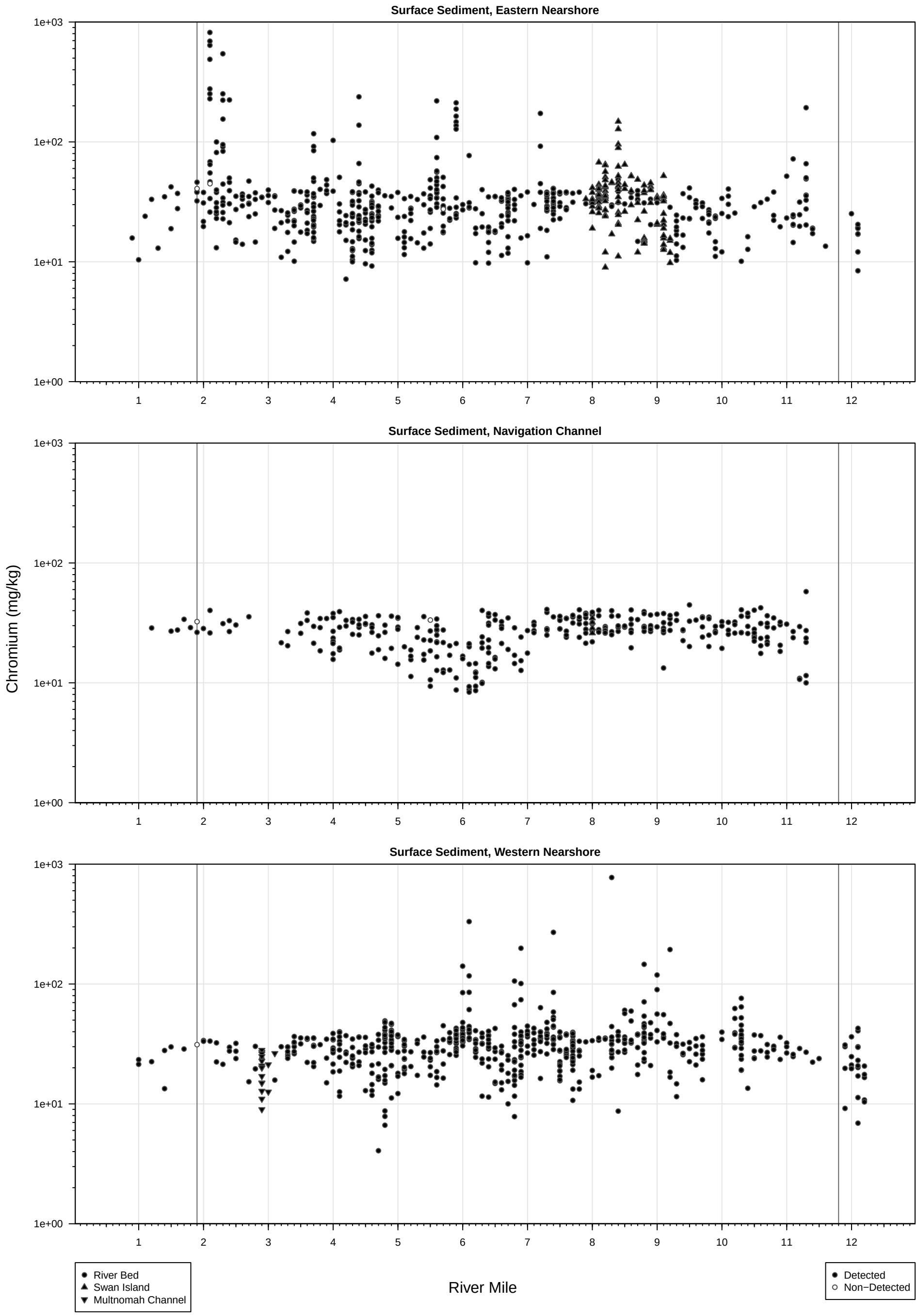


Figure 5.2−31
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium
Concentrations in Surface Sediment, RM 0.8−12.2

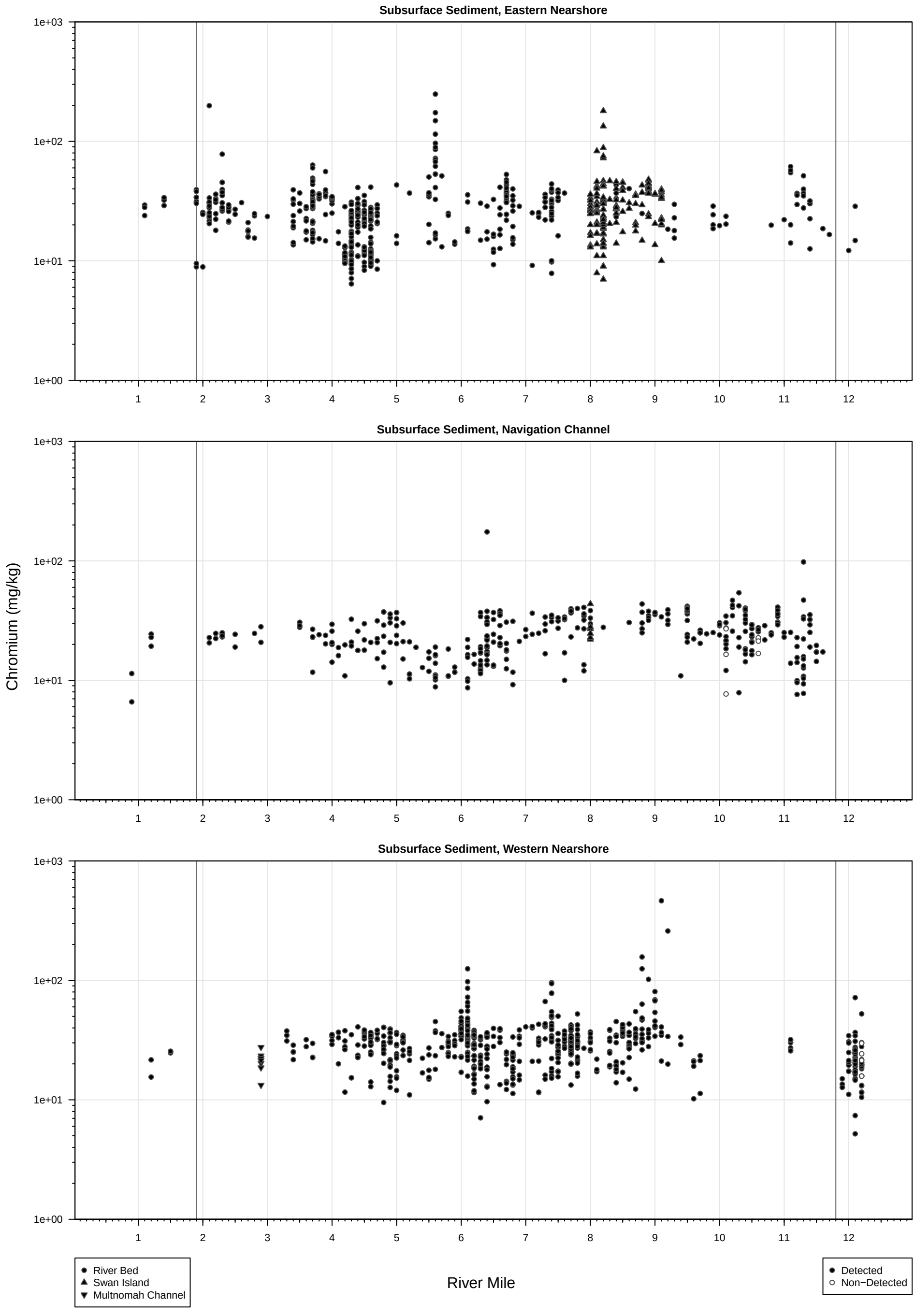


Figure 5.2−32
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium
Concentrations in Subsurface Sediment, RM 0.8−12.2

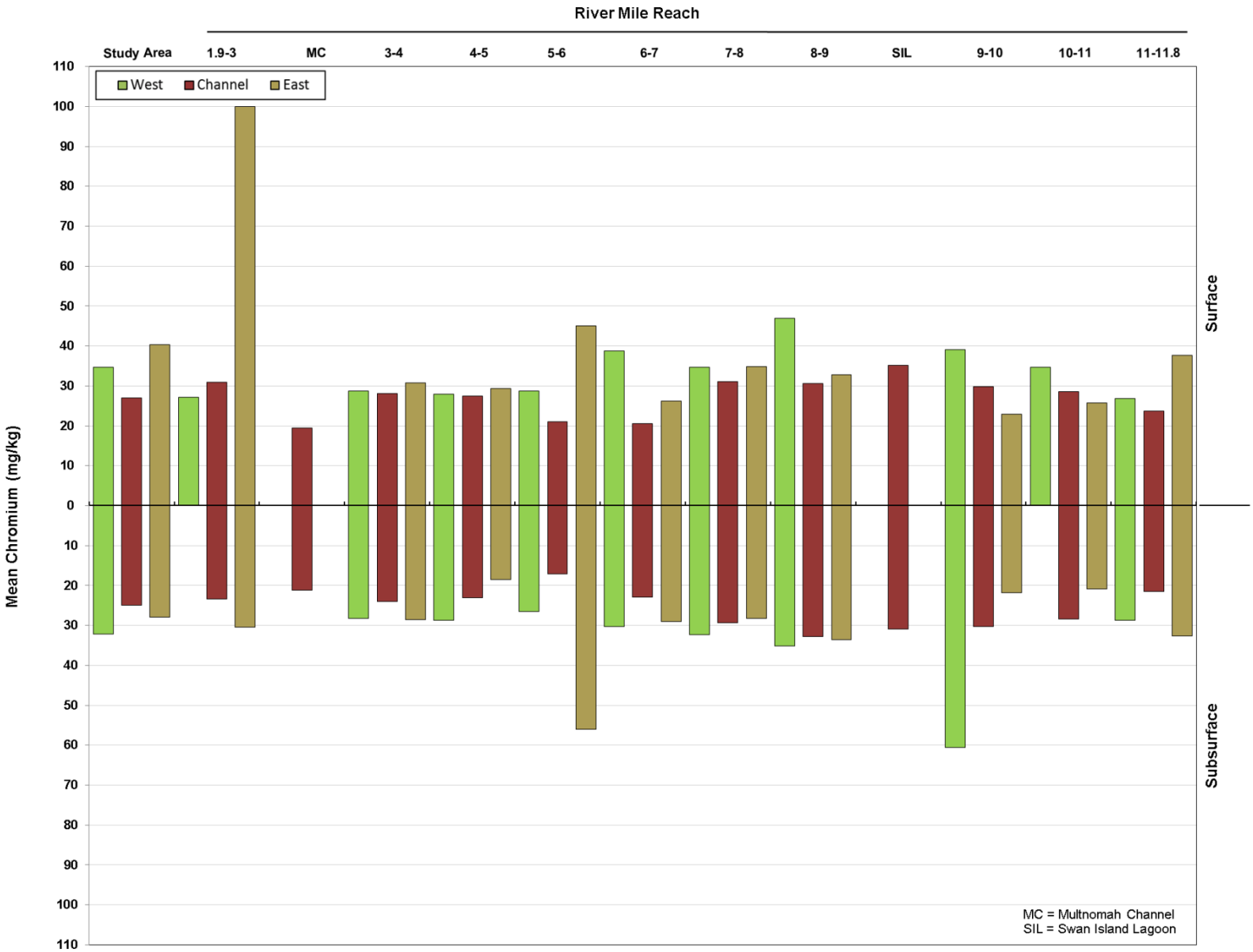


Figure 5.2-33
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Chromium Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

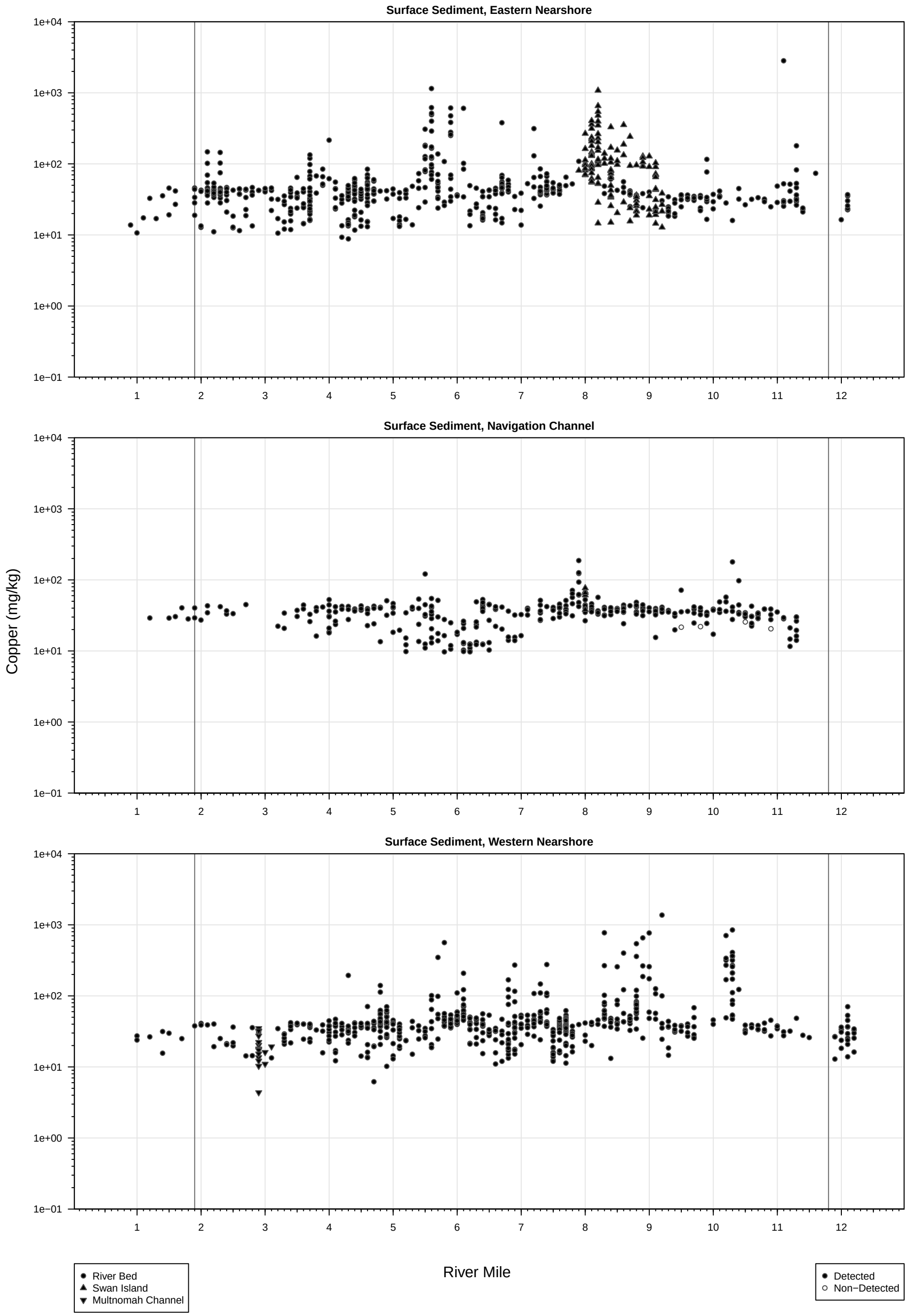


Figure 5.2−34
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper
Concentrations in Surface Sediment, RM 0.8−12.2

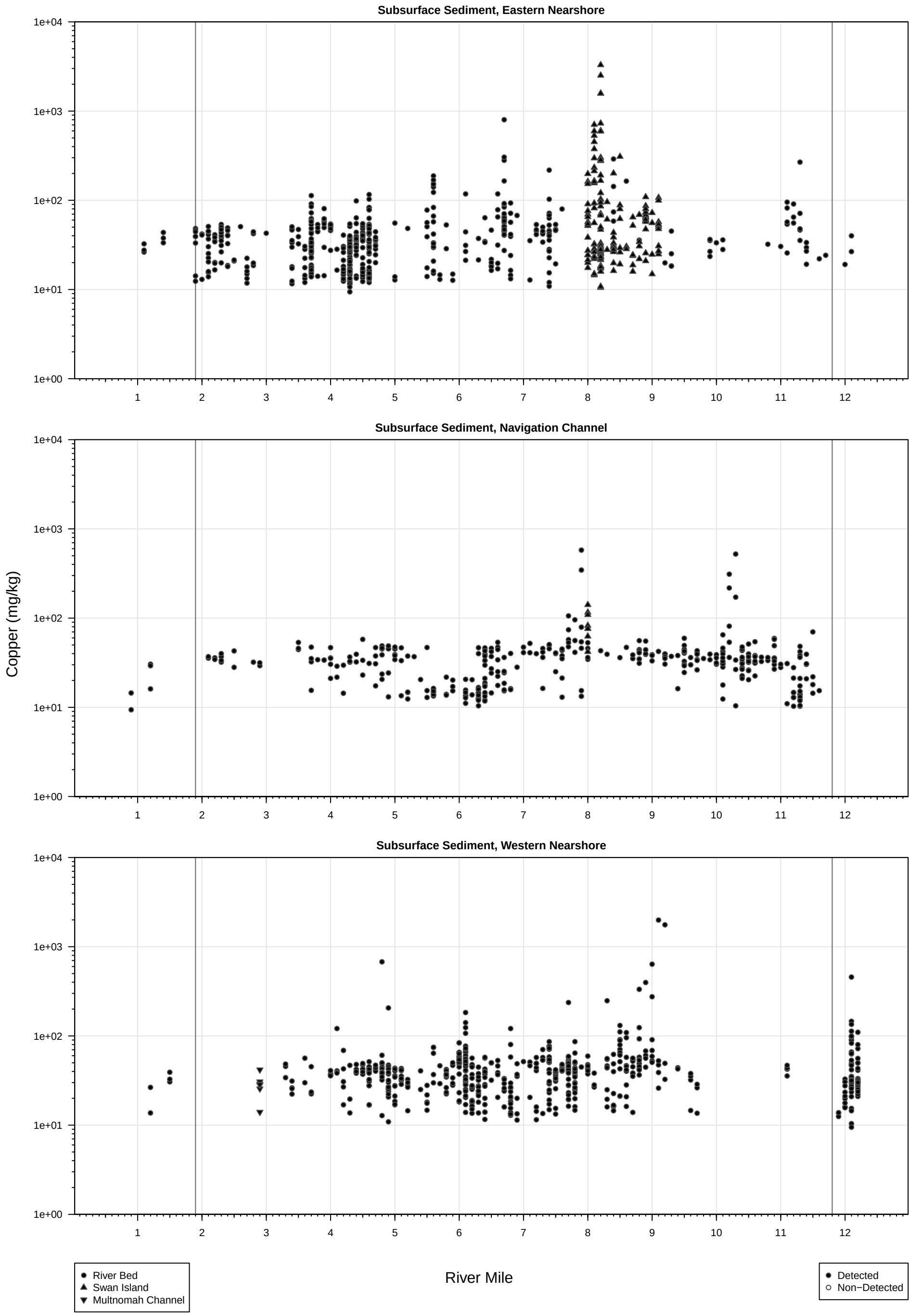


Figure 5.2−35
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper
Concentrations in Subsurface Sediment, RM 0.8−12.2

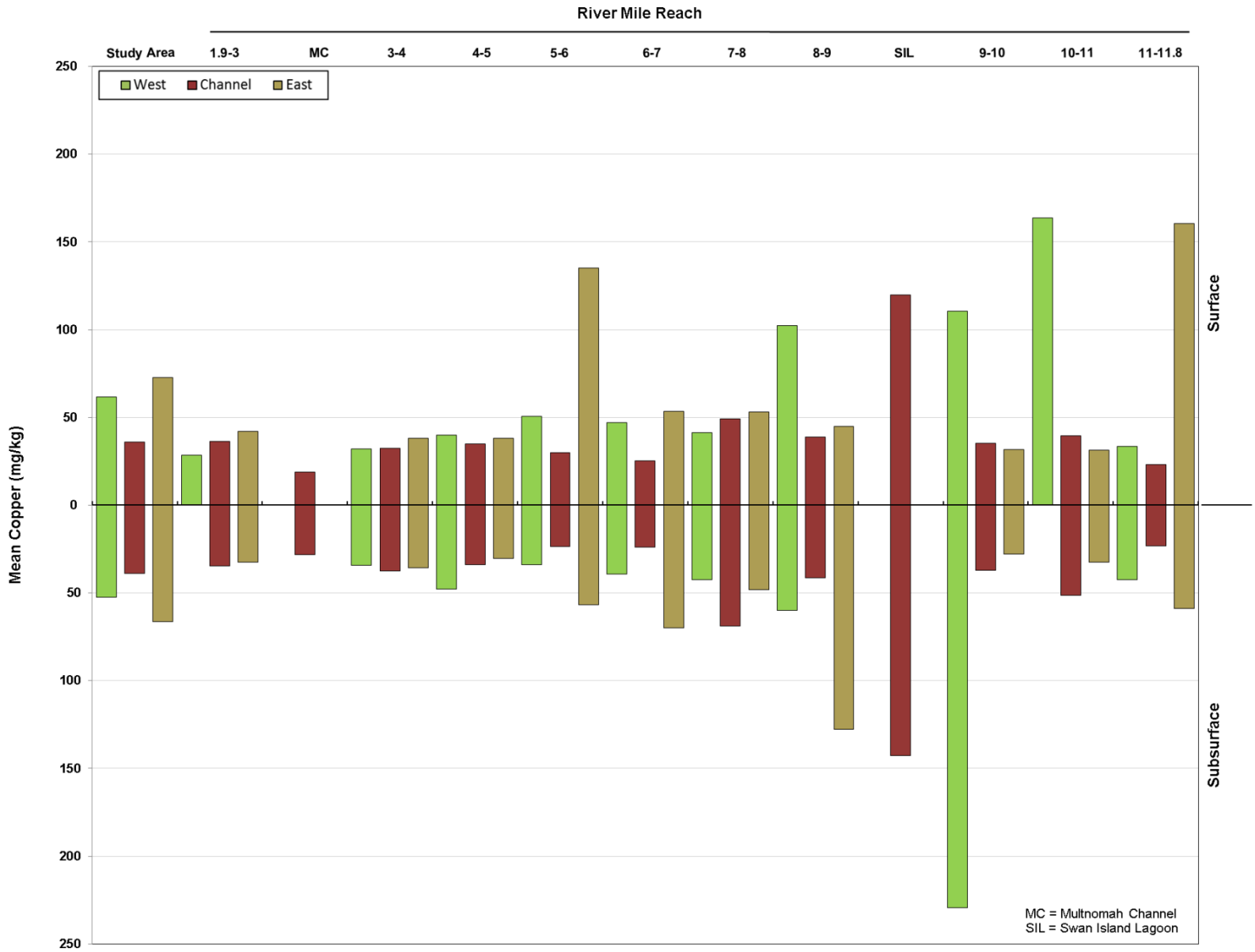


Figure 5.2-36
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Copper Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

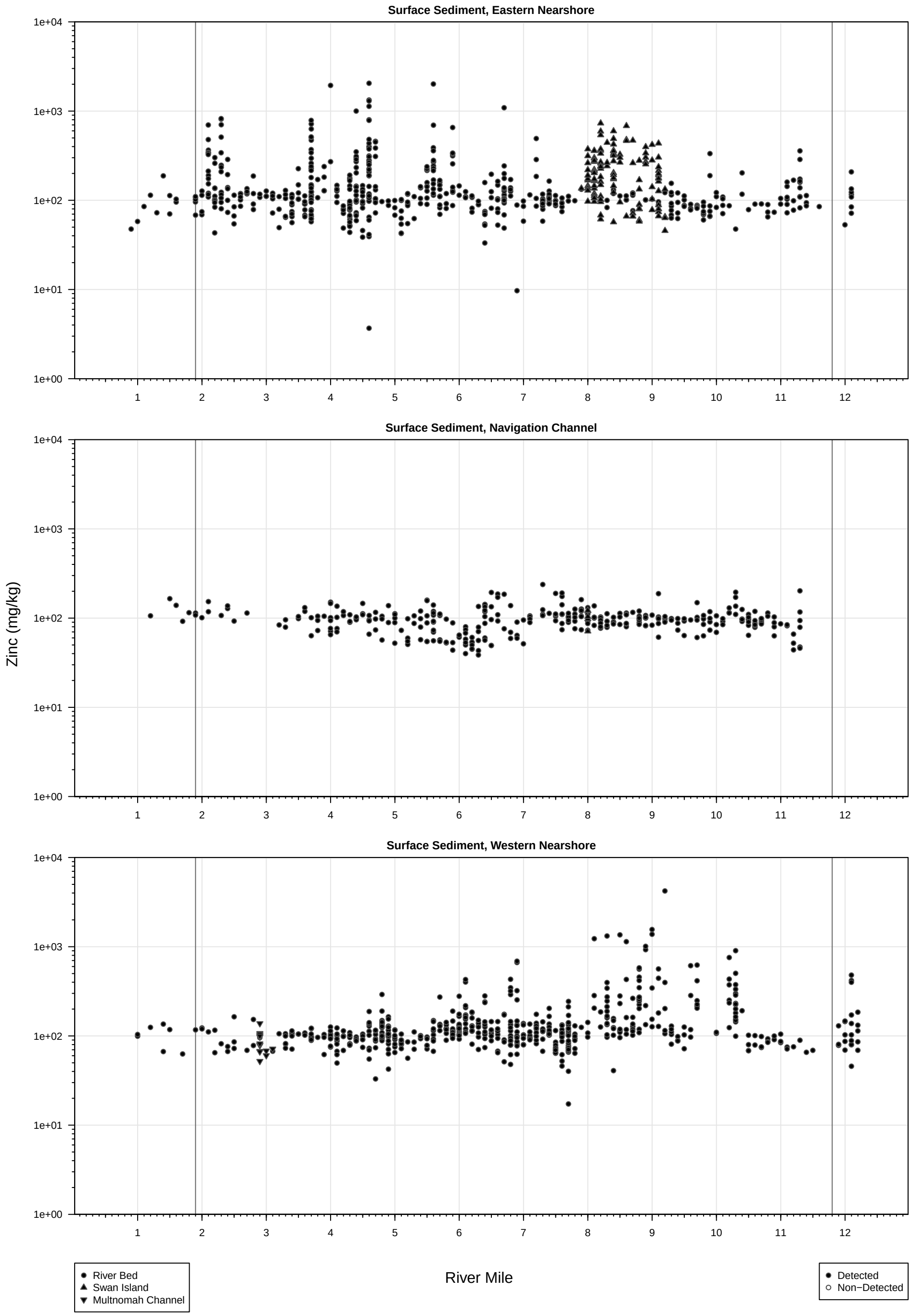


Figure 5.2−37
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc
Concentrations in Surface Sediment, RM 0.8−12.2

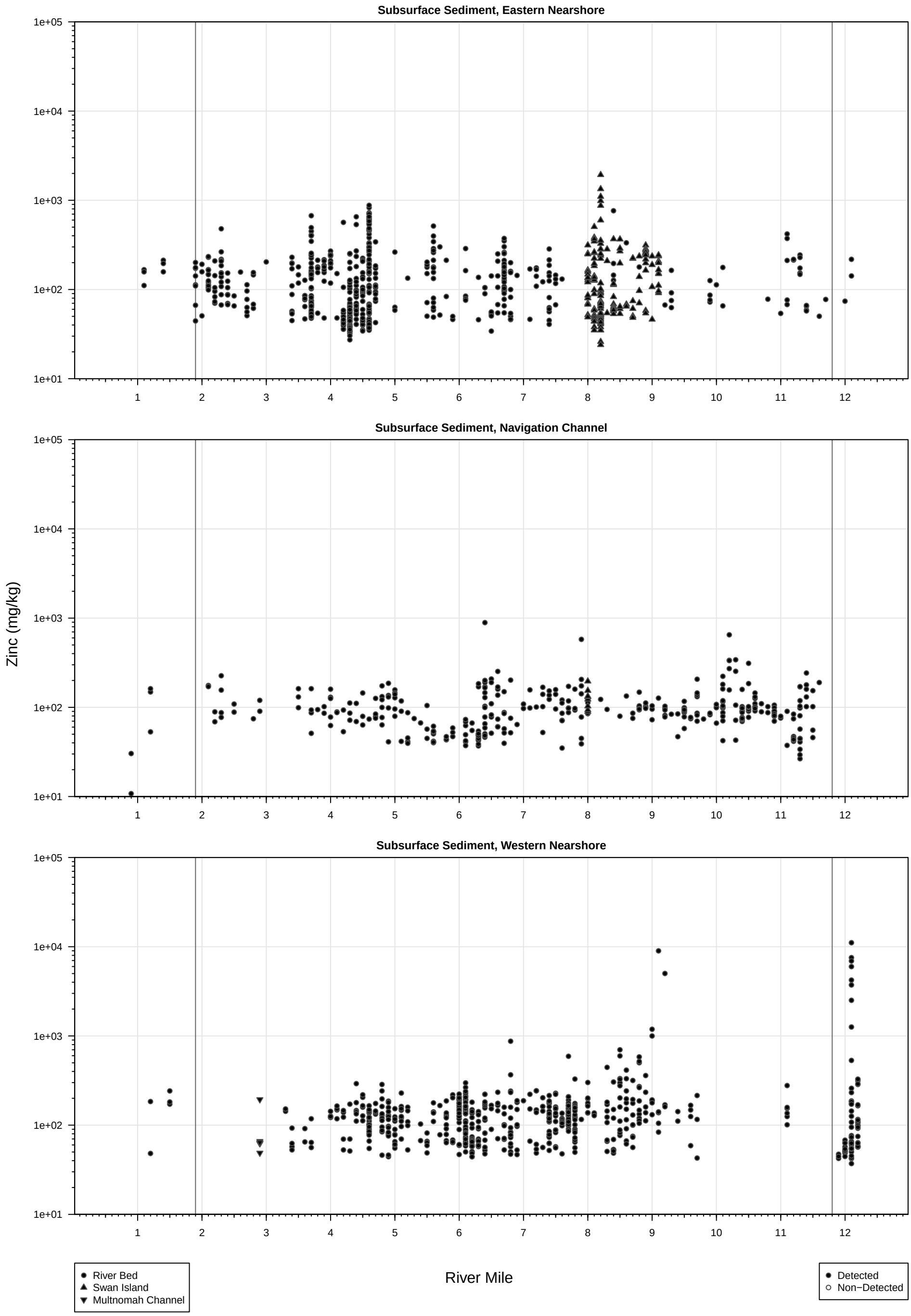


Figure 5.2−38
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc
Concentrations in Subsurface Sediment, RM 0.8−12.2

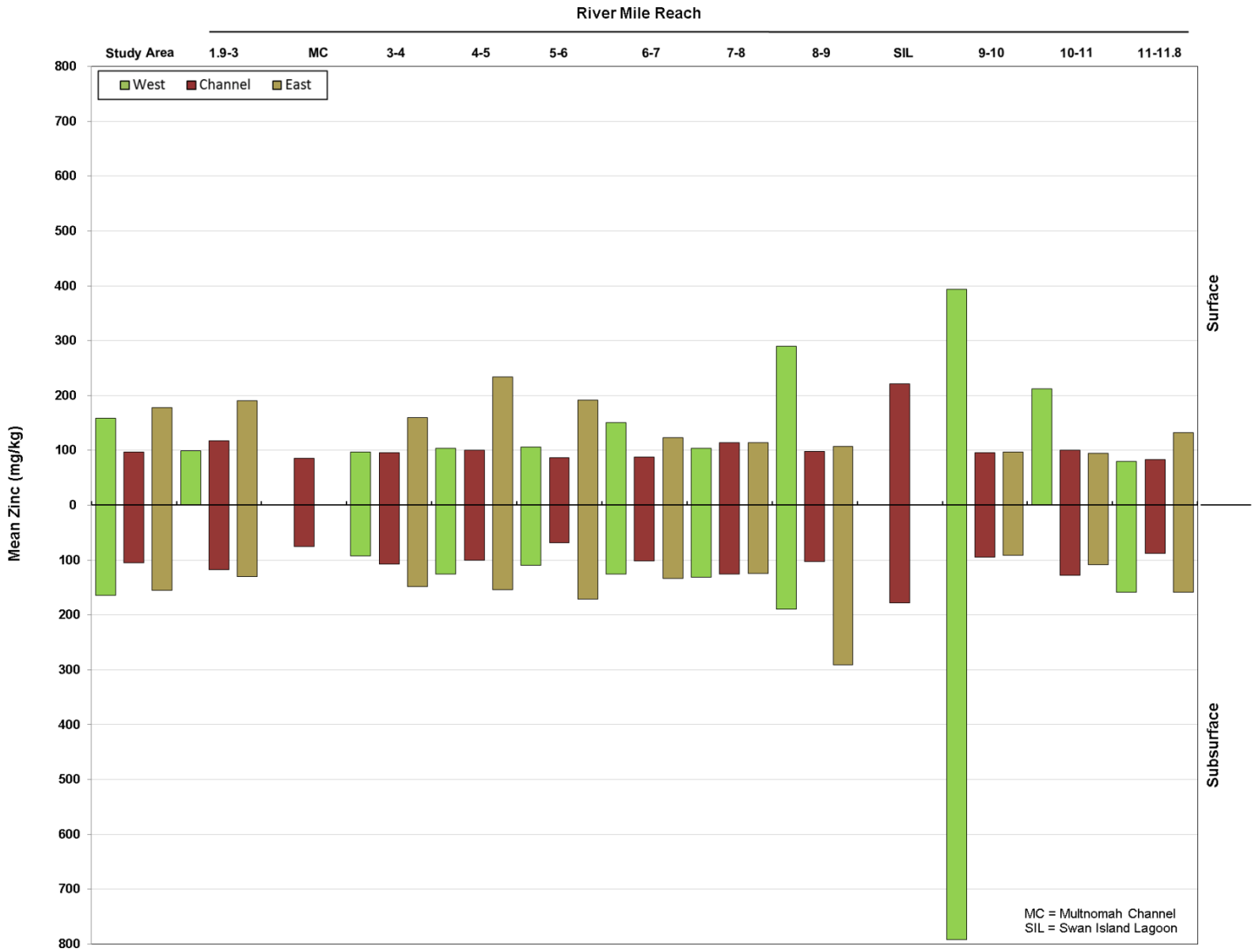


Figure 5.2-39
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Zinc Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)

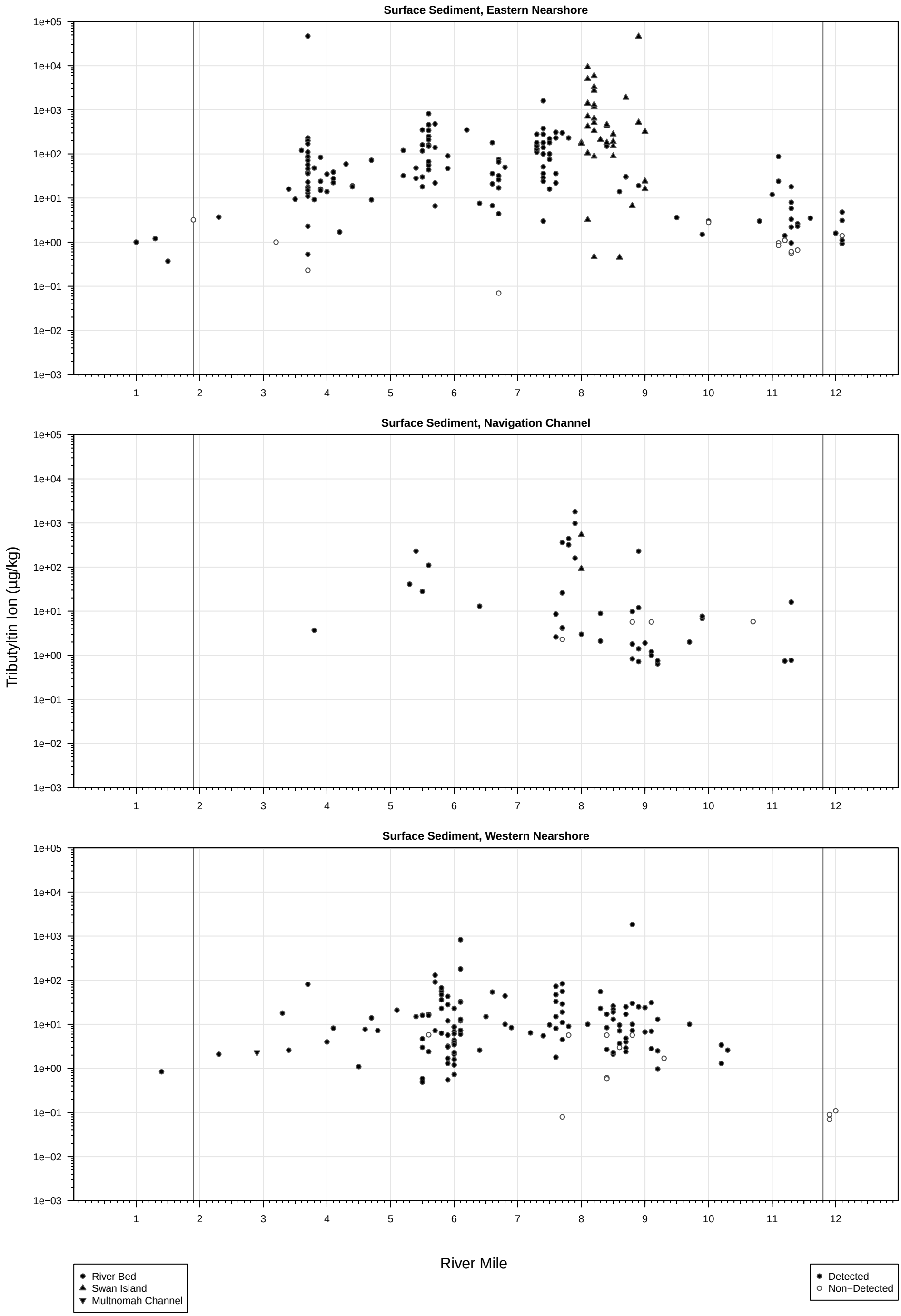


Figure 5.2−40
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion
Concentrations in Surface Sediment, RM 0.8−12.2

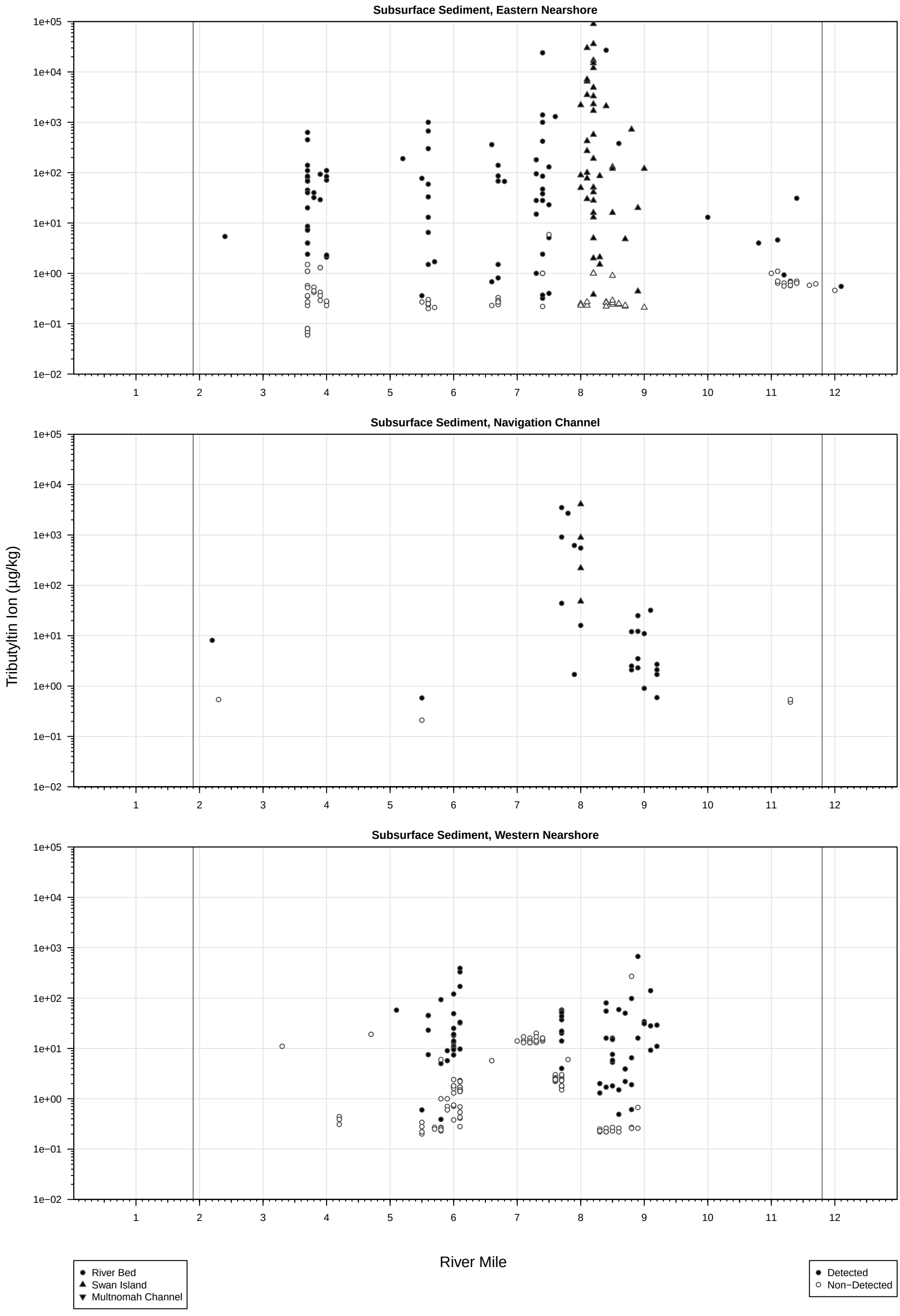


Figure 5.2−41
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion
Concentrations in Subsurface Sediment, RM 0.8−12.2

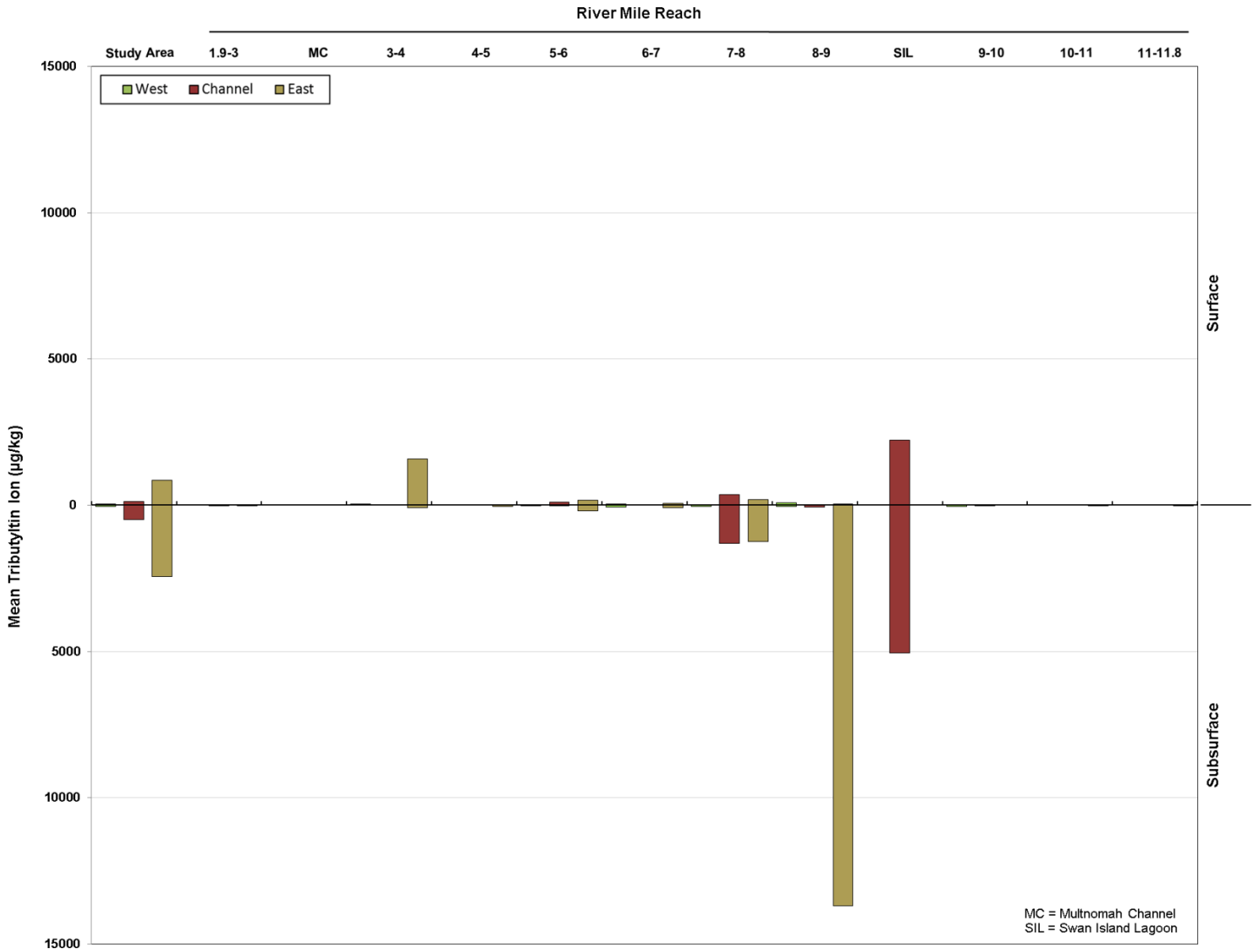
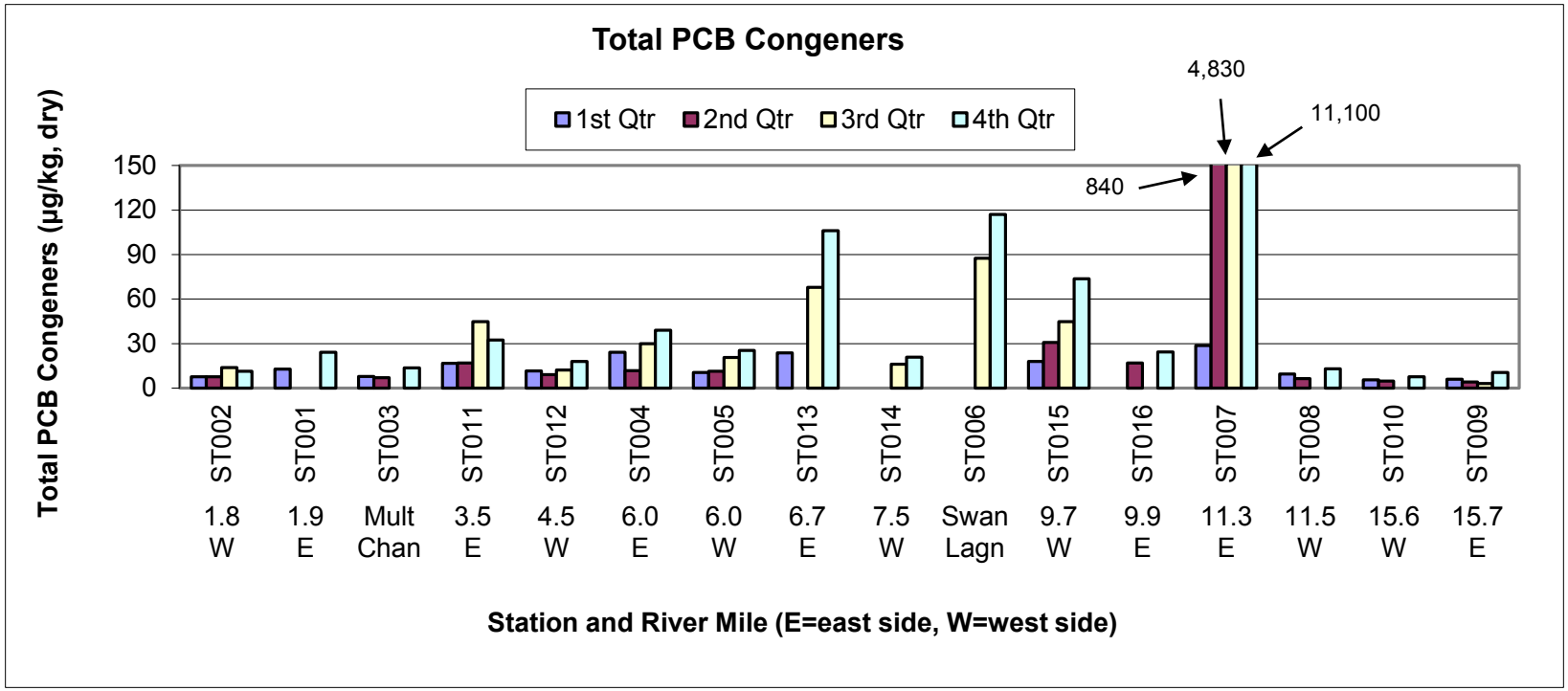
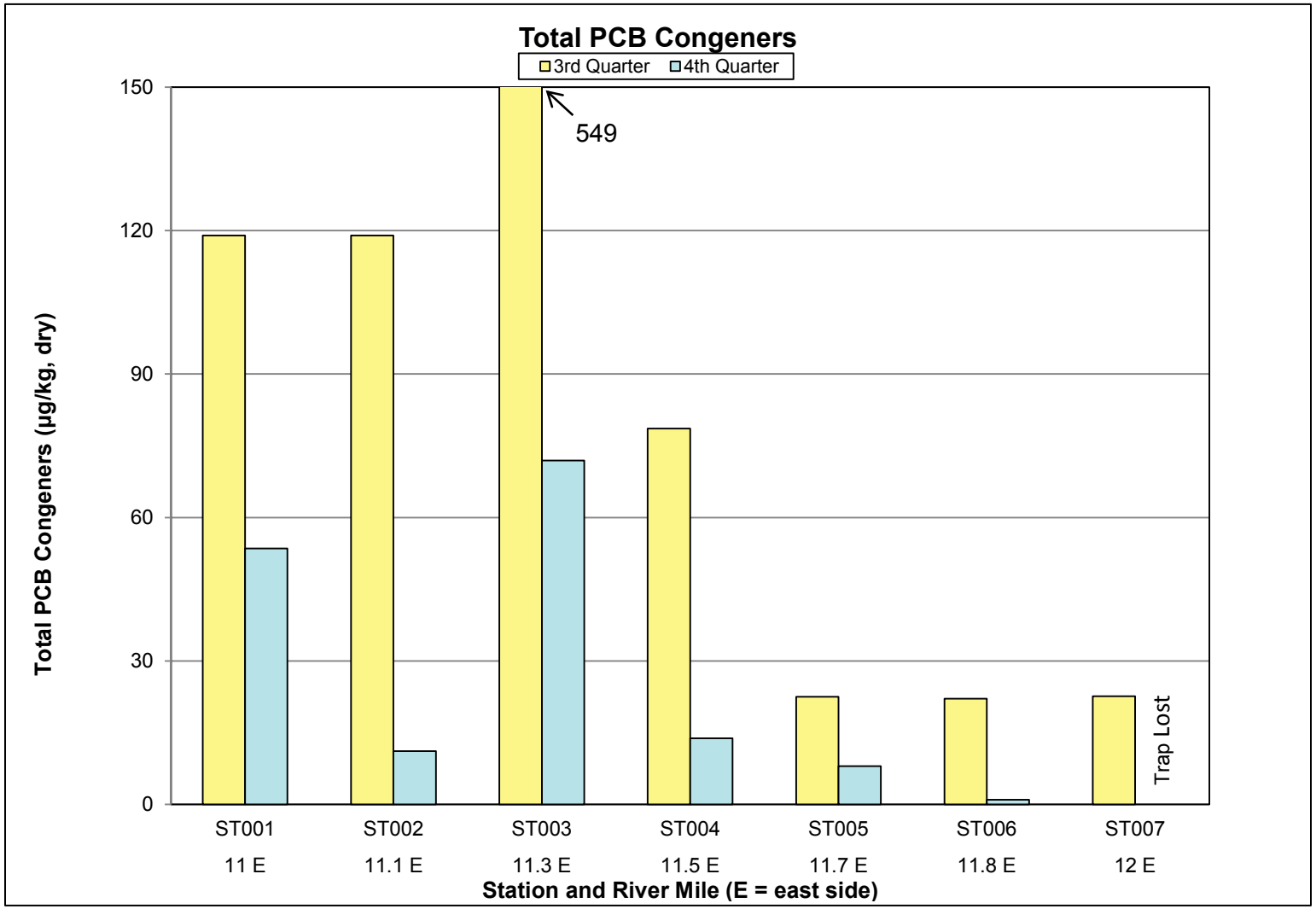


Figure 5.2-42
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Mean Tributyltin Ion Concentration
in Surface and Subsurface Sediment (RM 1.9–11.8)



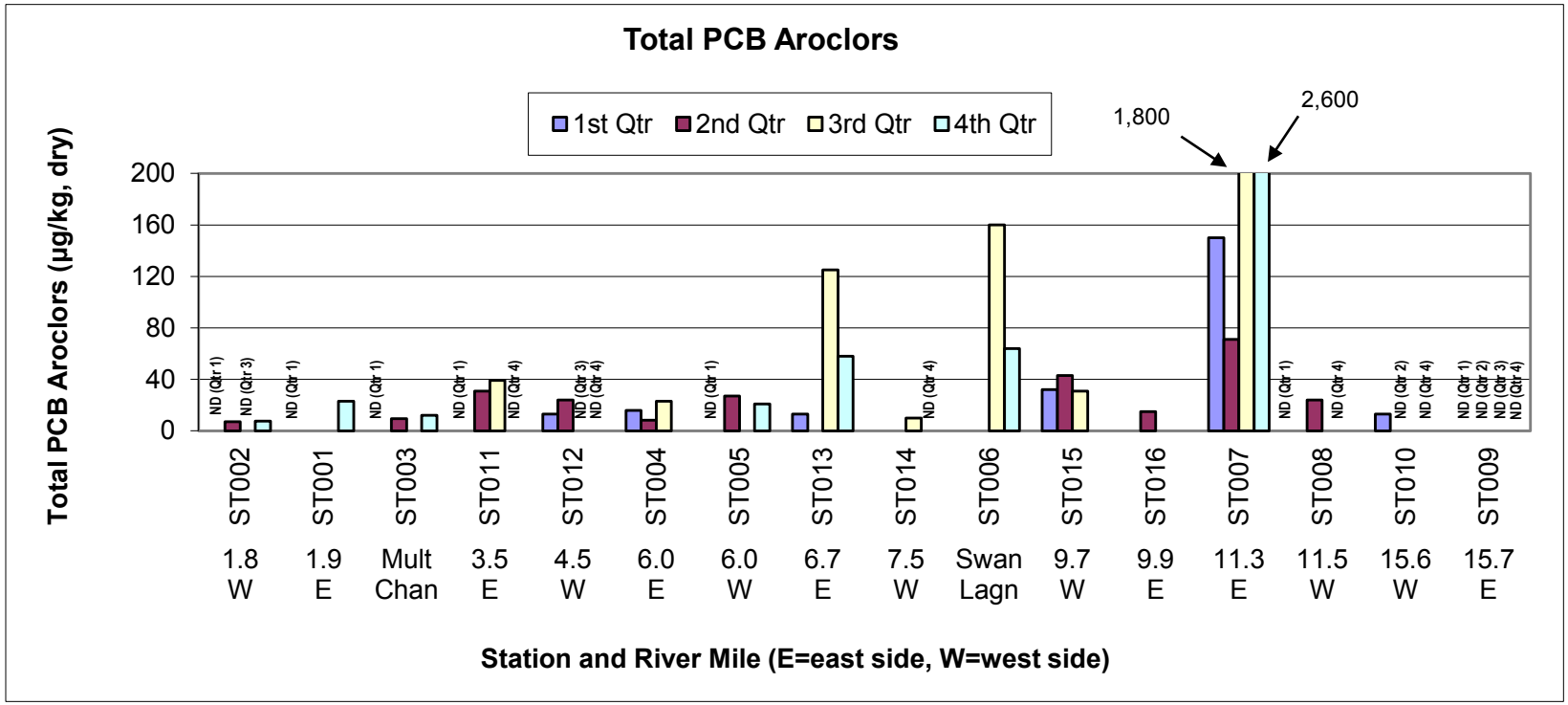
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-1a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCB Congener Concentrations
for In-River Sediment Traps, 2007



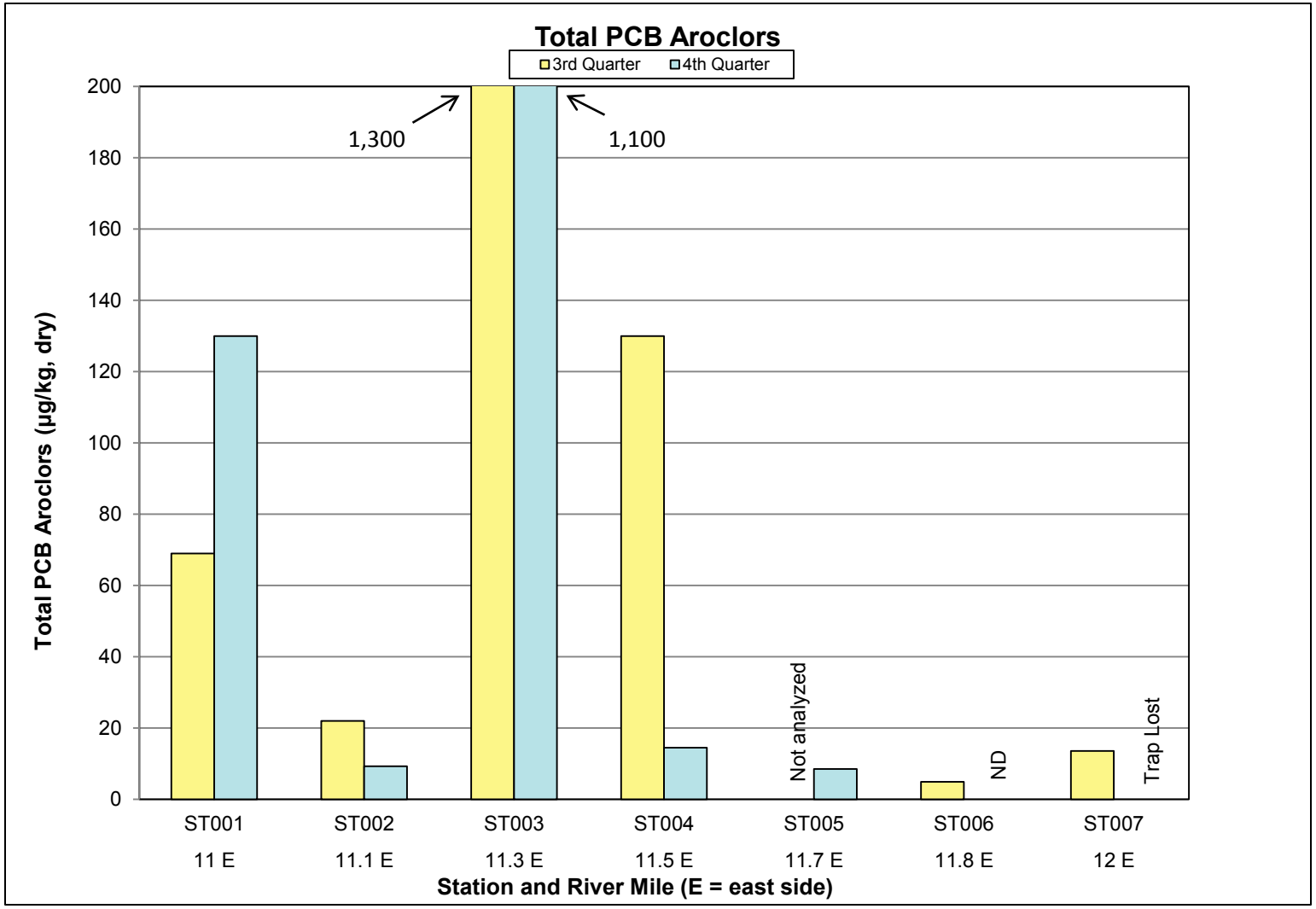
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-1b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCB Congener Concentrations
for In-River Sediment Traps, 2009



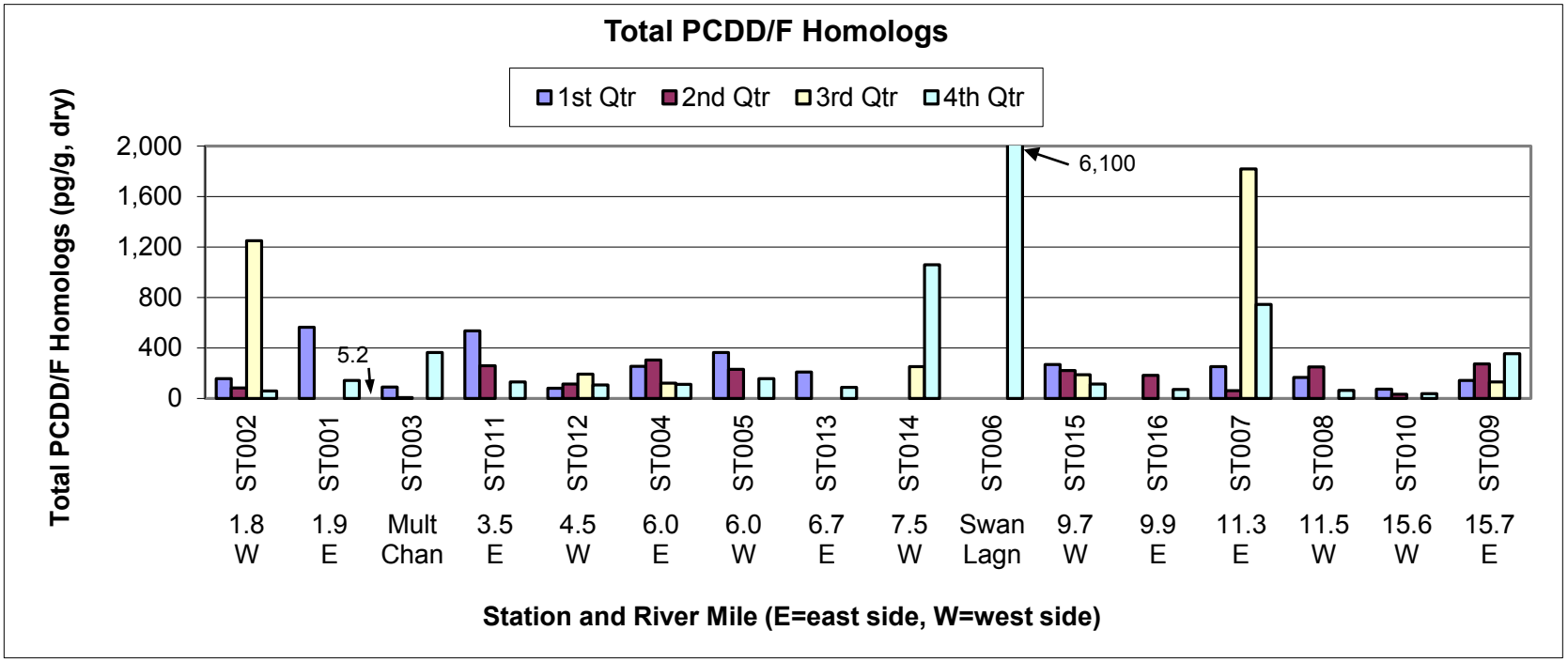
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at quarter shown

Figure 5.3-2a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCB Aroclor Concentrations
for In-River Sediment Traps, 2007



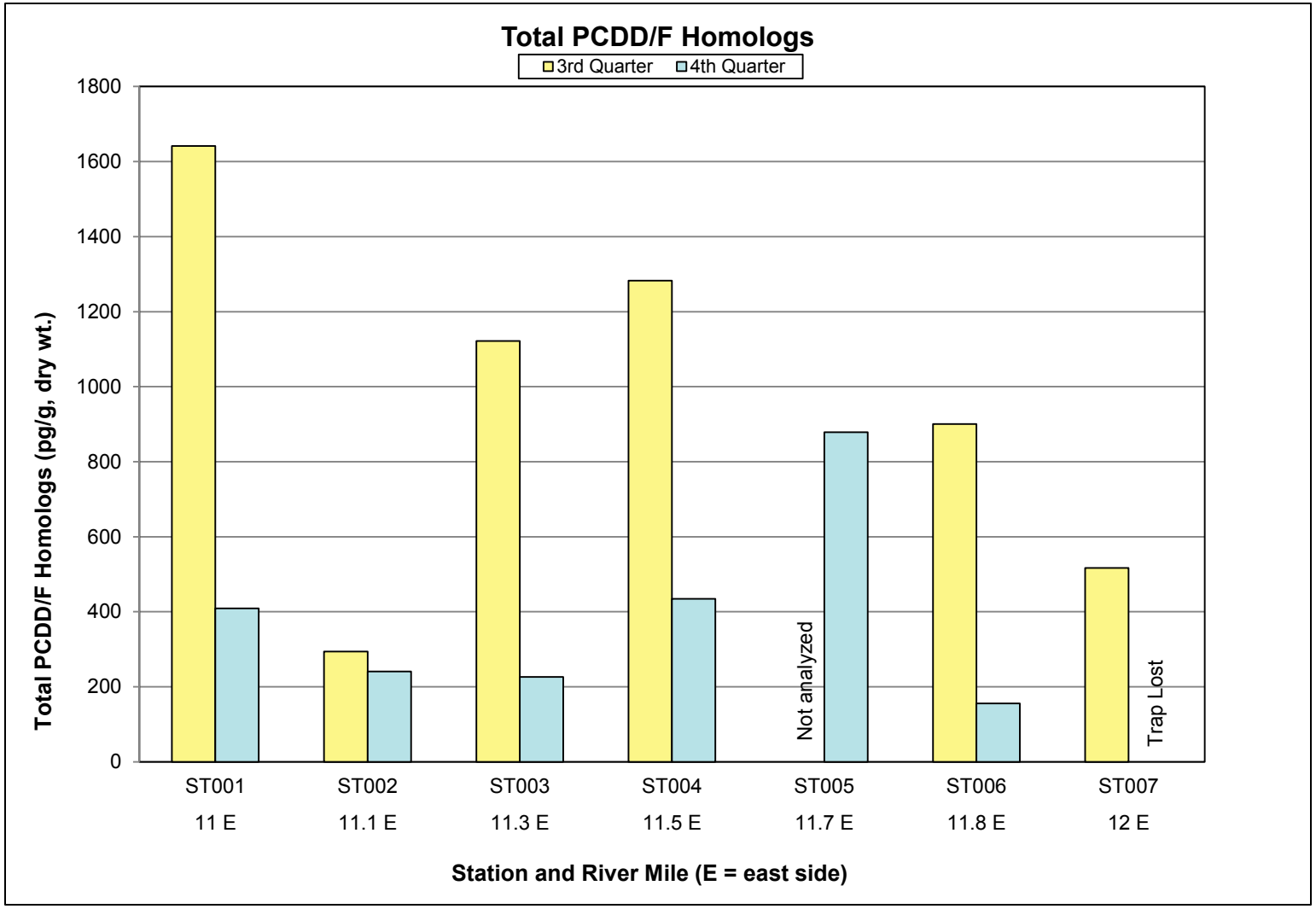
Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-2b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCB Aroclor Concentrations
for In-River Sediment Traps, 2009



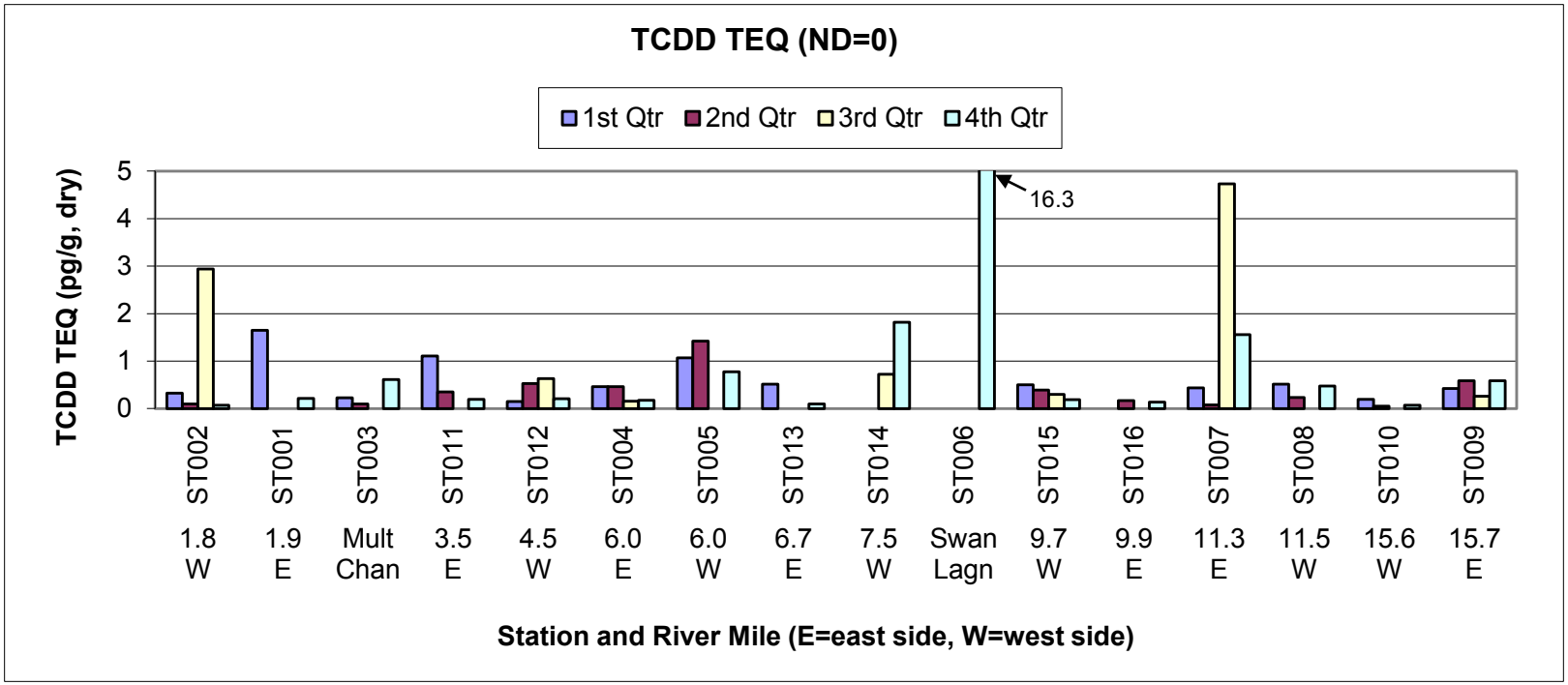
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-3a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCDD/F Homolog Concentrations
for In-River Sediment Traps, 2007



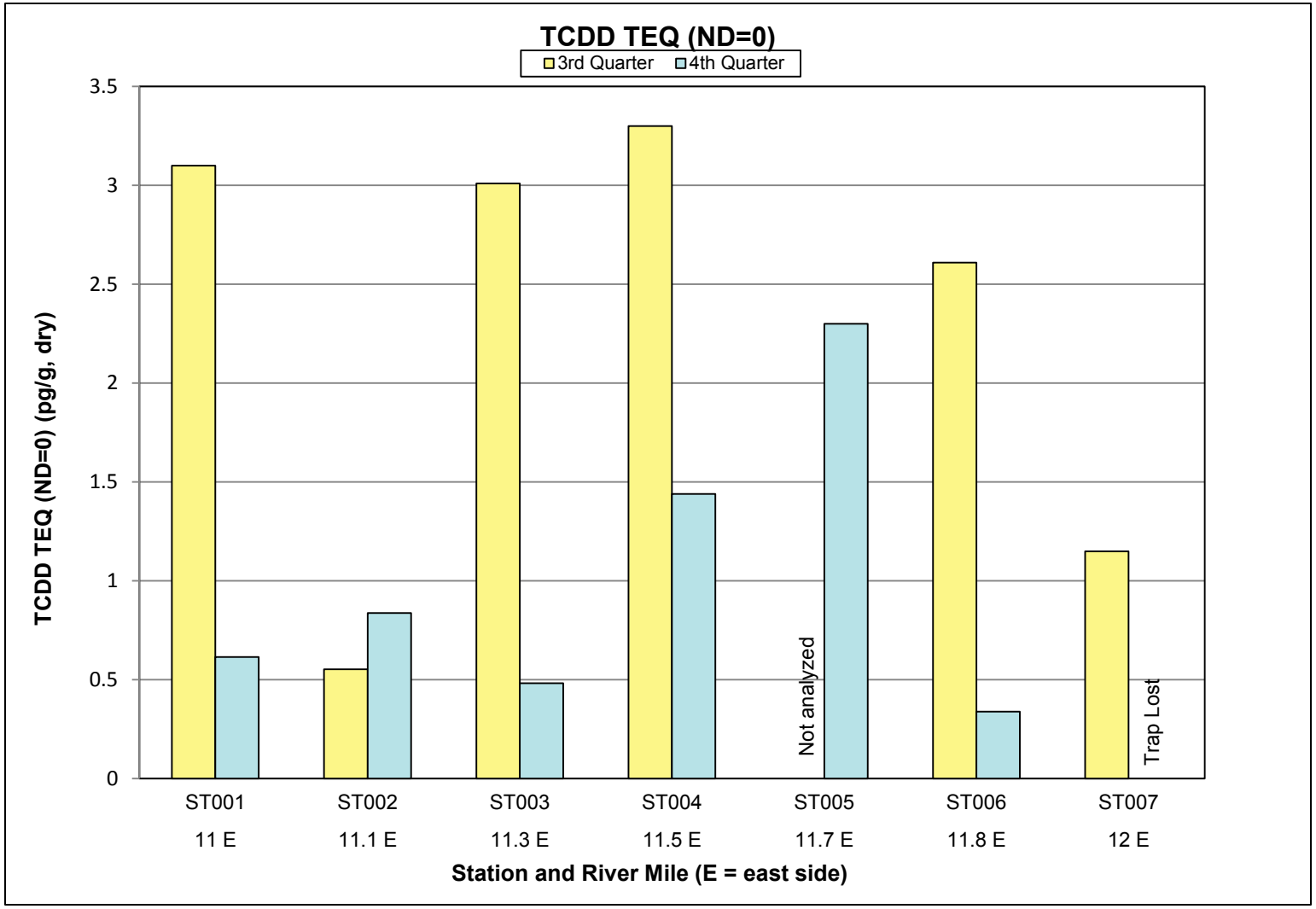
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-3b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PCDD/F Homolog Concentrations
for In-River Sediment Traps, 2009



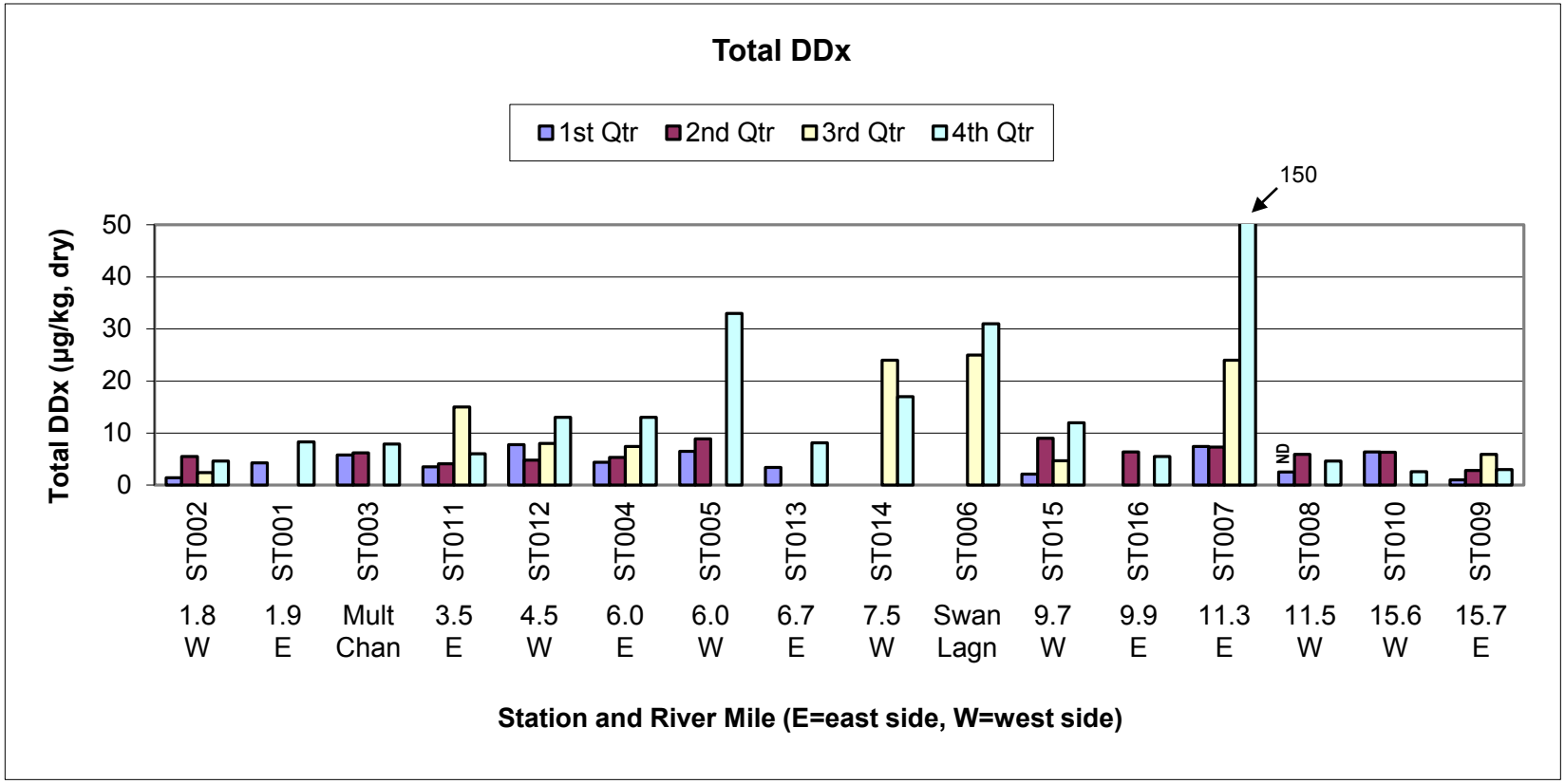
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-4a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total TCDD TEQ (ND=0) Concentrations
for In-River Sediment Traps, 2007



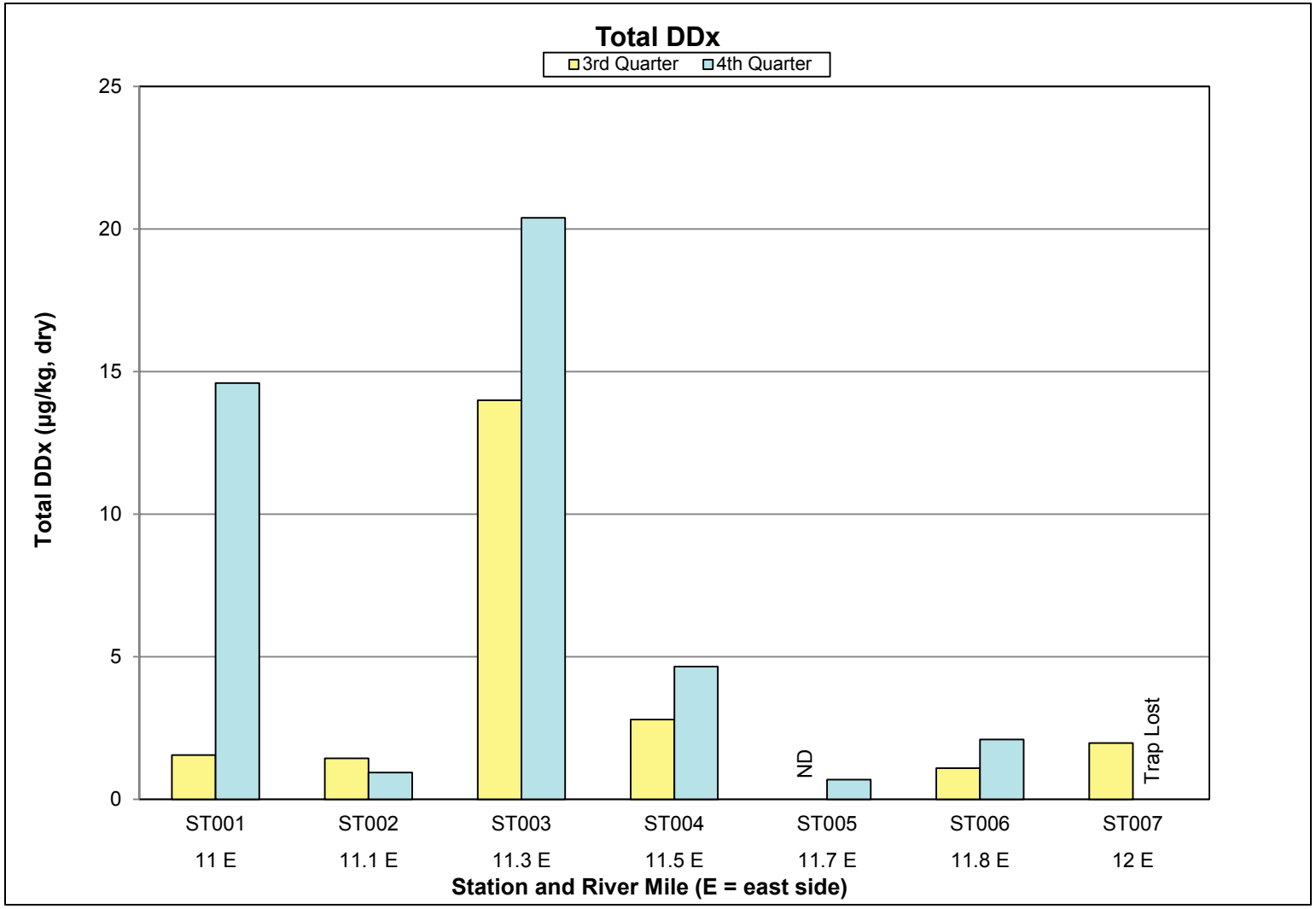
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-4b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total TCDD TEQ (ND=0) Concentrations
for In-River Sediment Traps, 2009



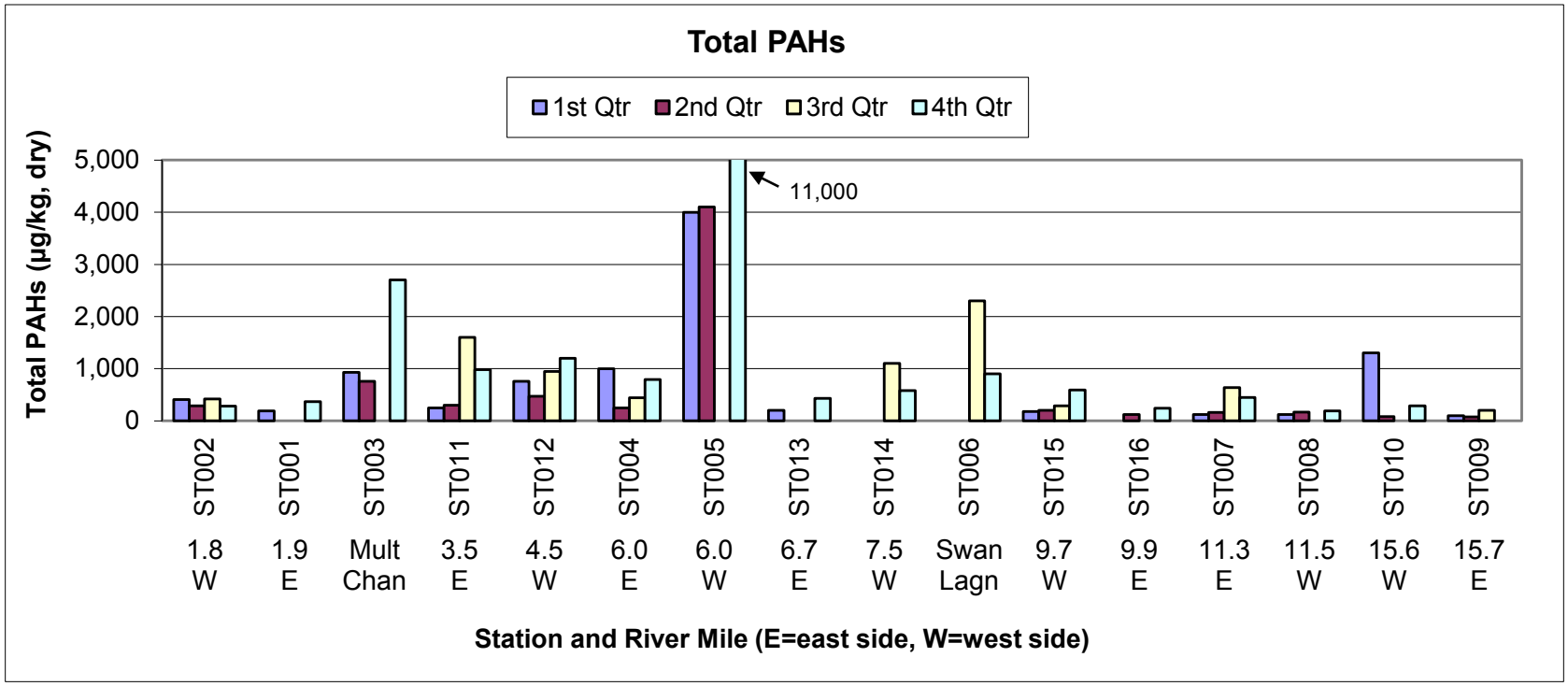
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at value shown

Figure 5.3-5a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total DDx Concentrations
for In-River Sediment Traps, 2007



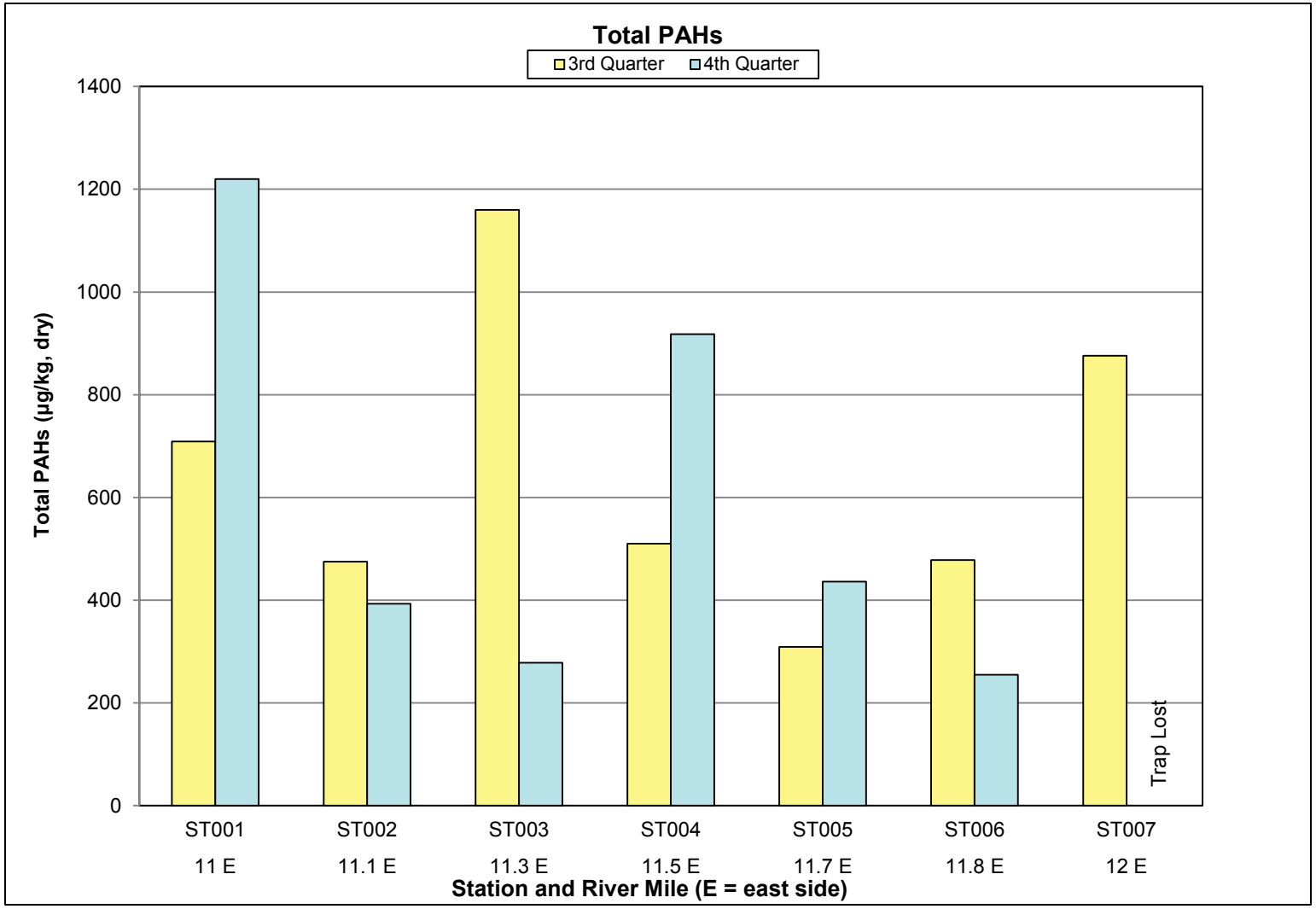
Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-5b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total DDx Concentrations
for In-River Sediment Traps, 2009



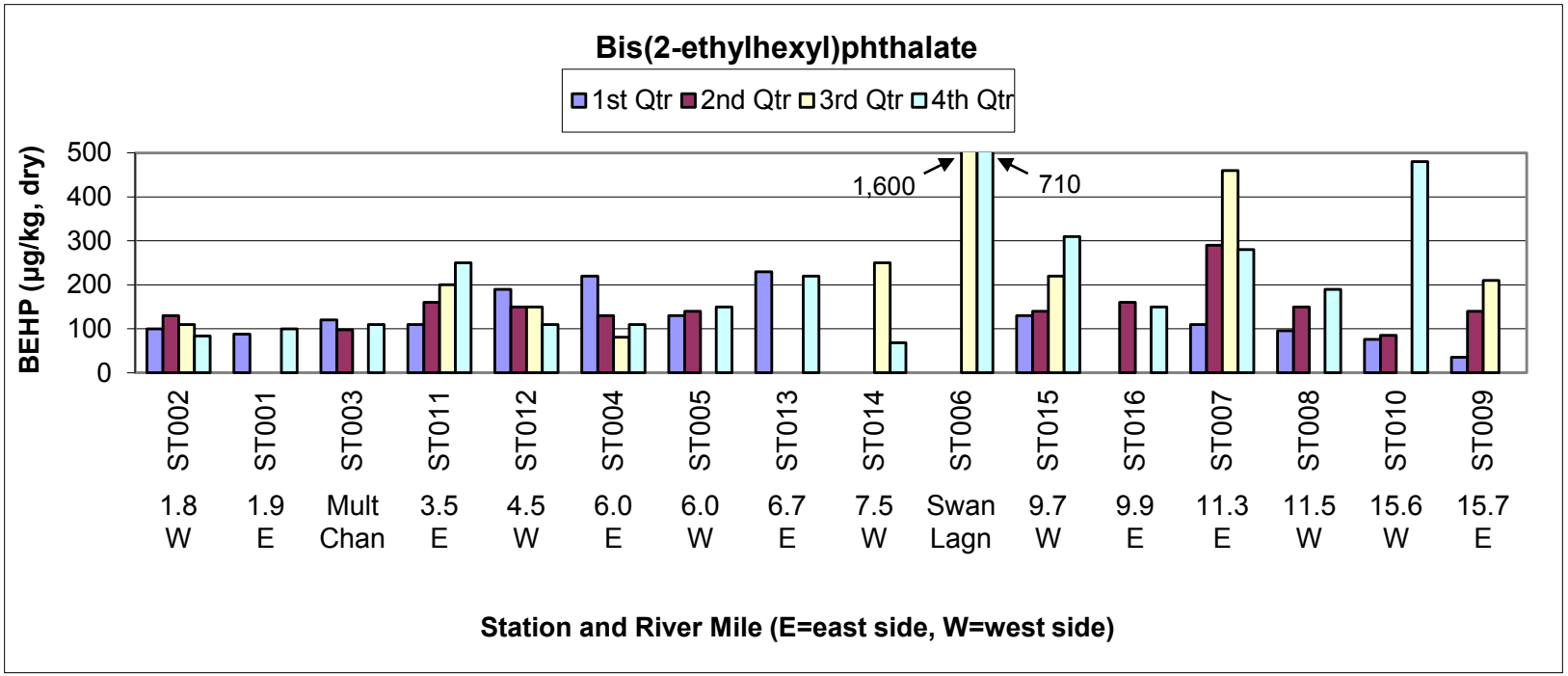
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-6a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PAH Concentrations
for In-River Sediment Traps, 2007



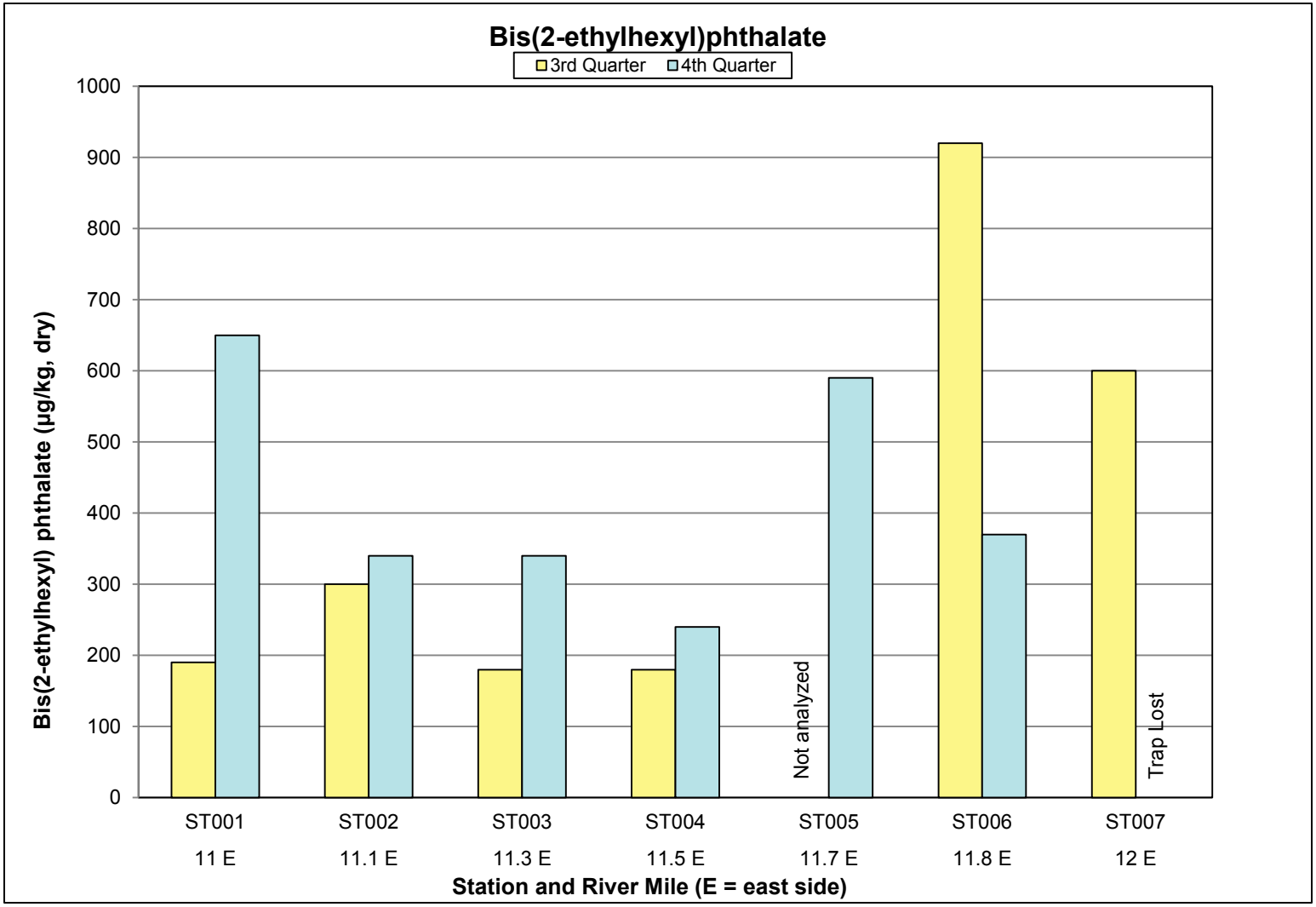
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-6b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total PAHs Concentrations
for In-River Sediment Traps, 2009



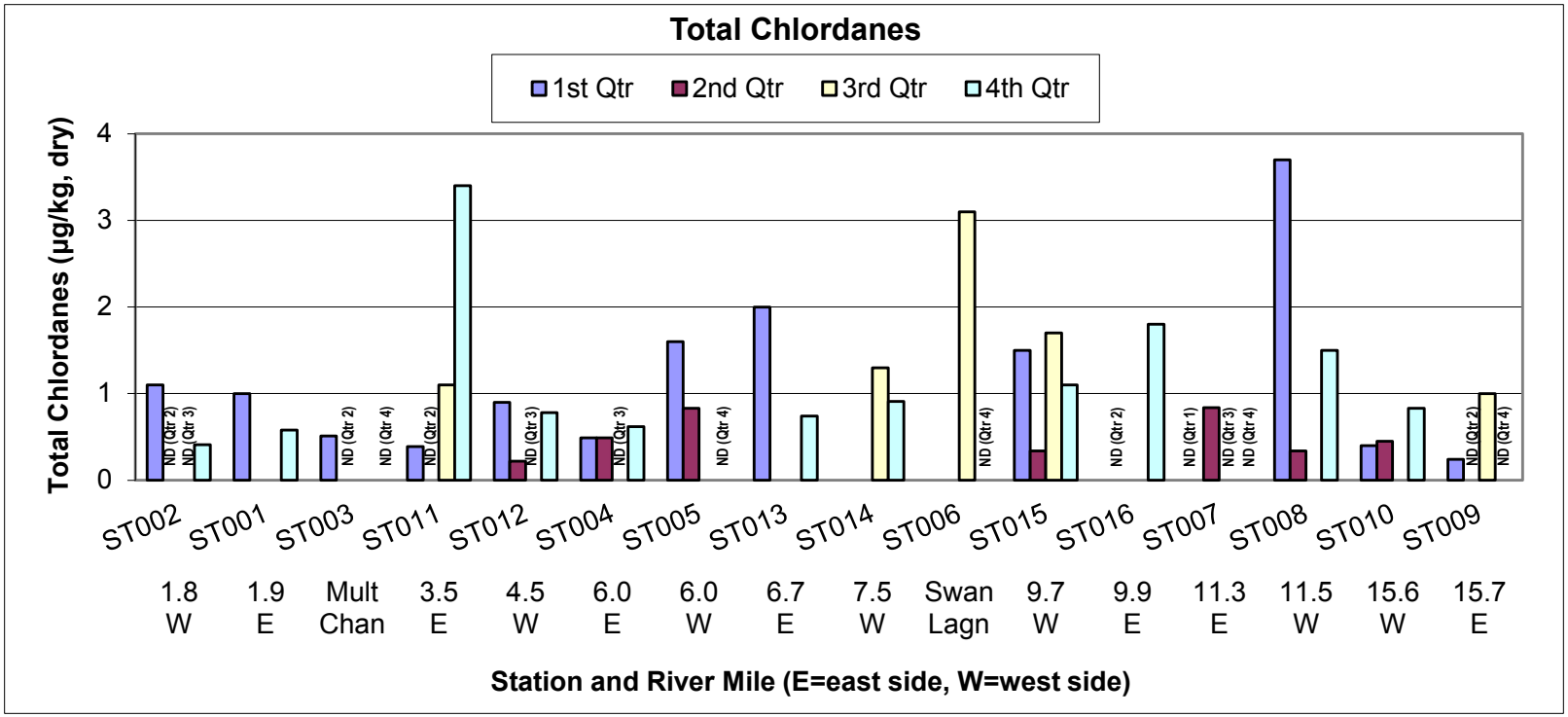
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-7a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Bis(2-ethyhexyl)phthalate Concentrations
for In-River Sediment Traps, 2007



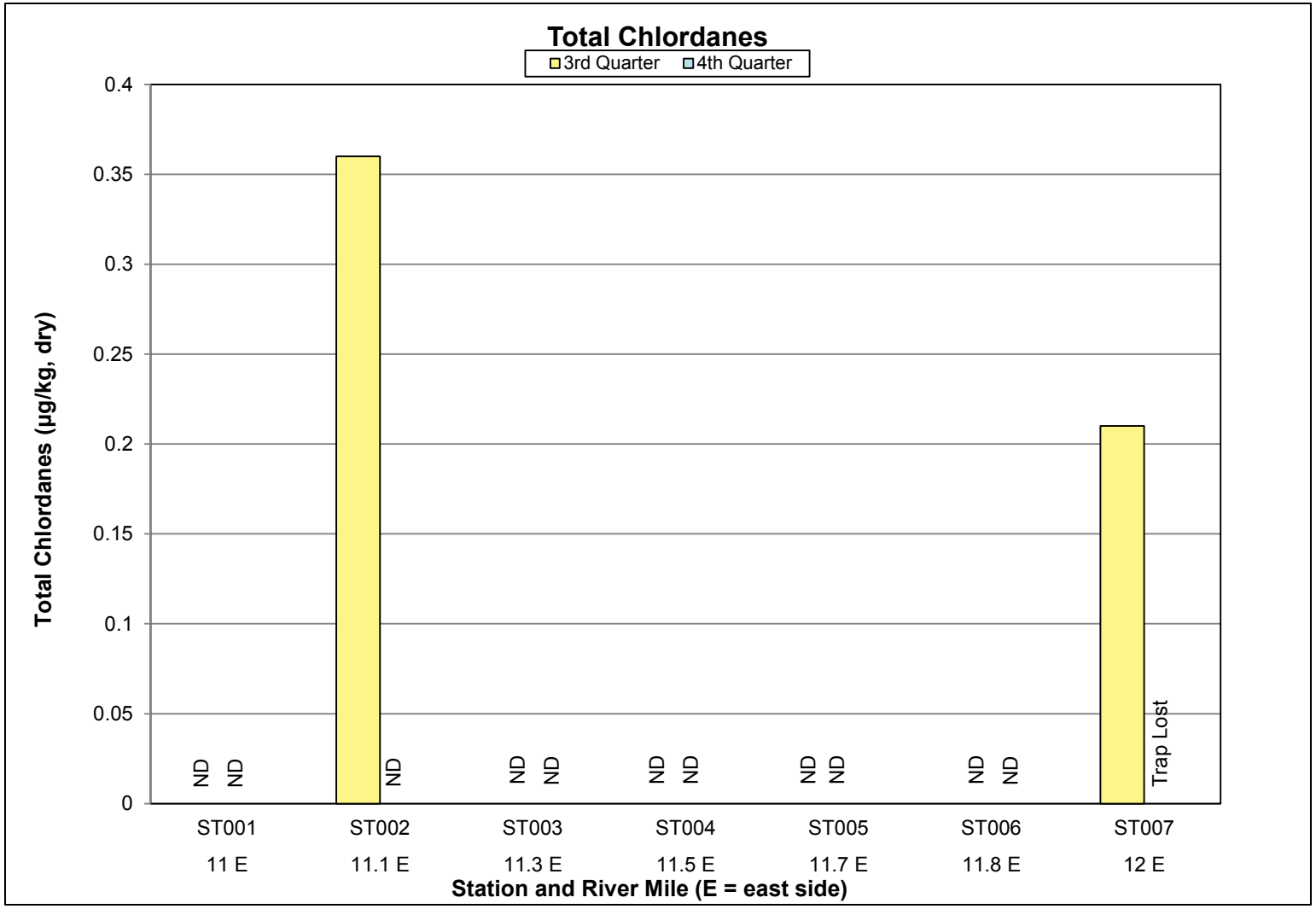
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-7b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Bis(2-ethyhexyl)phthalate Concentrations
for In-River Sediment Traps, 2009



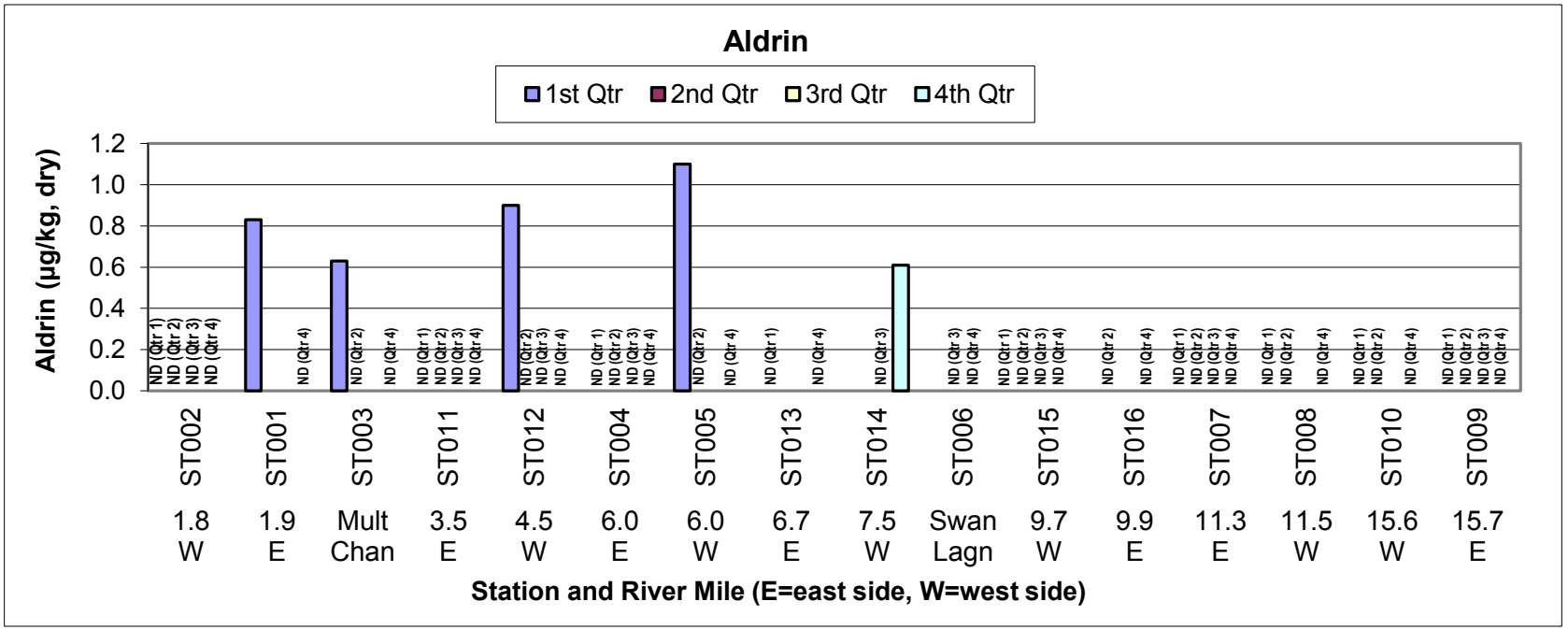
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at quarter shown

Figure 5.3-8a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total Chlordanes Concentrations
for In-River Sediment Traps, 2007



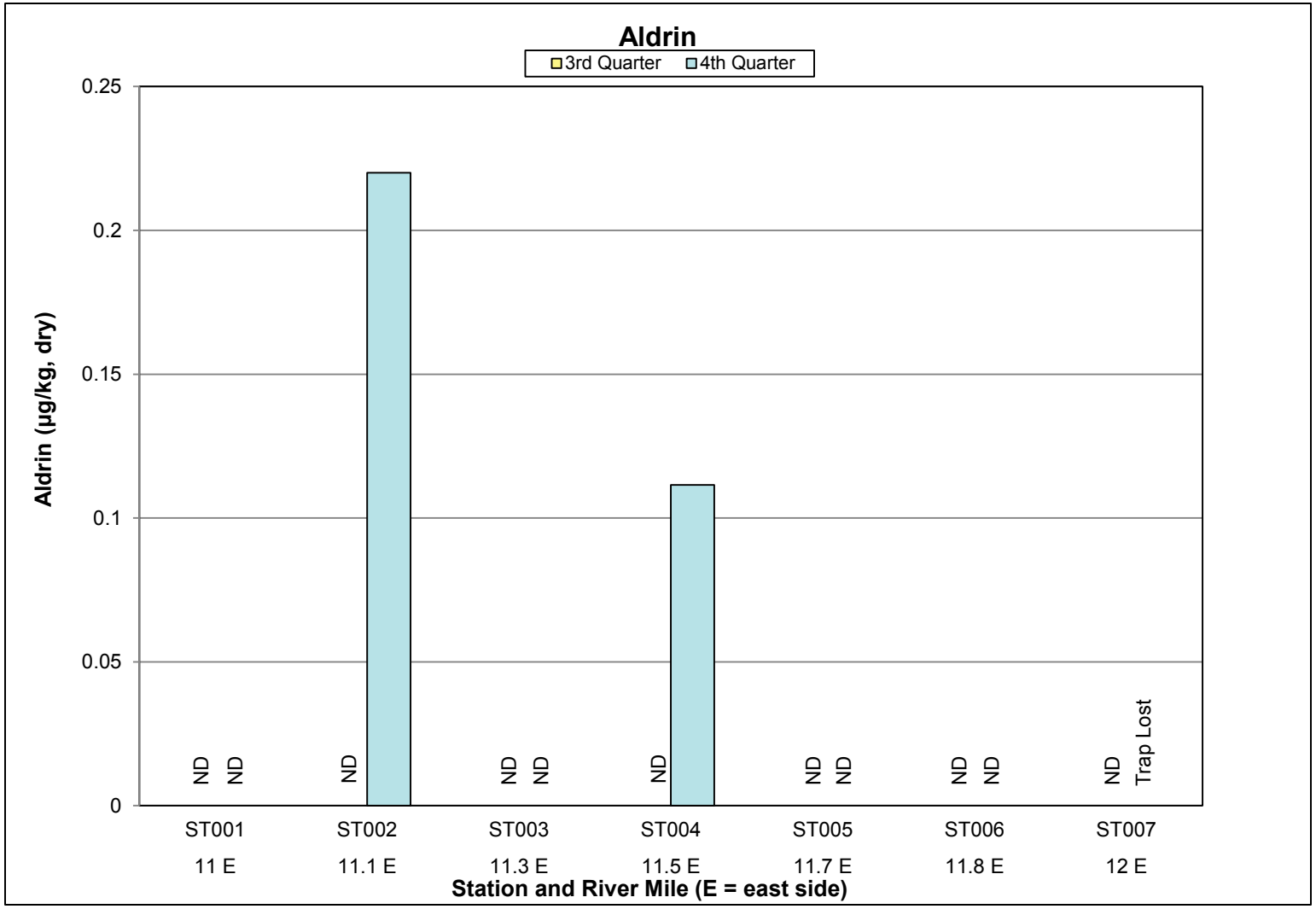
Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-8b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Total Chlordanes Concentrations
for In-River Sediment Traps, 2009



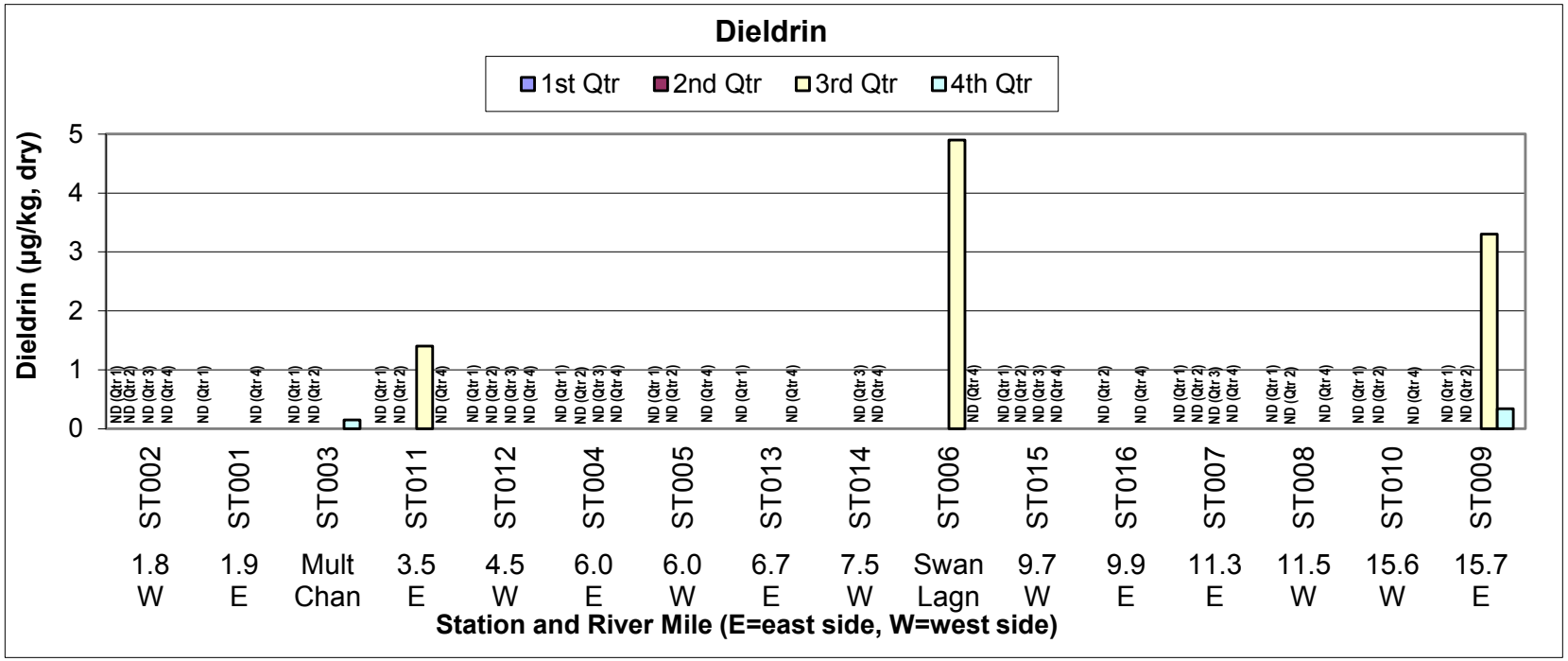
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at quarter shown

Figure 5.3-9a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Aldrin Concentrations
for In-River Sediment Traps, 2007



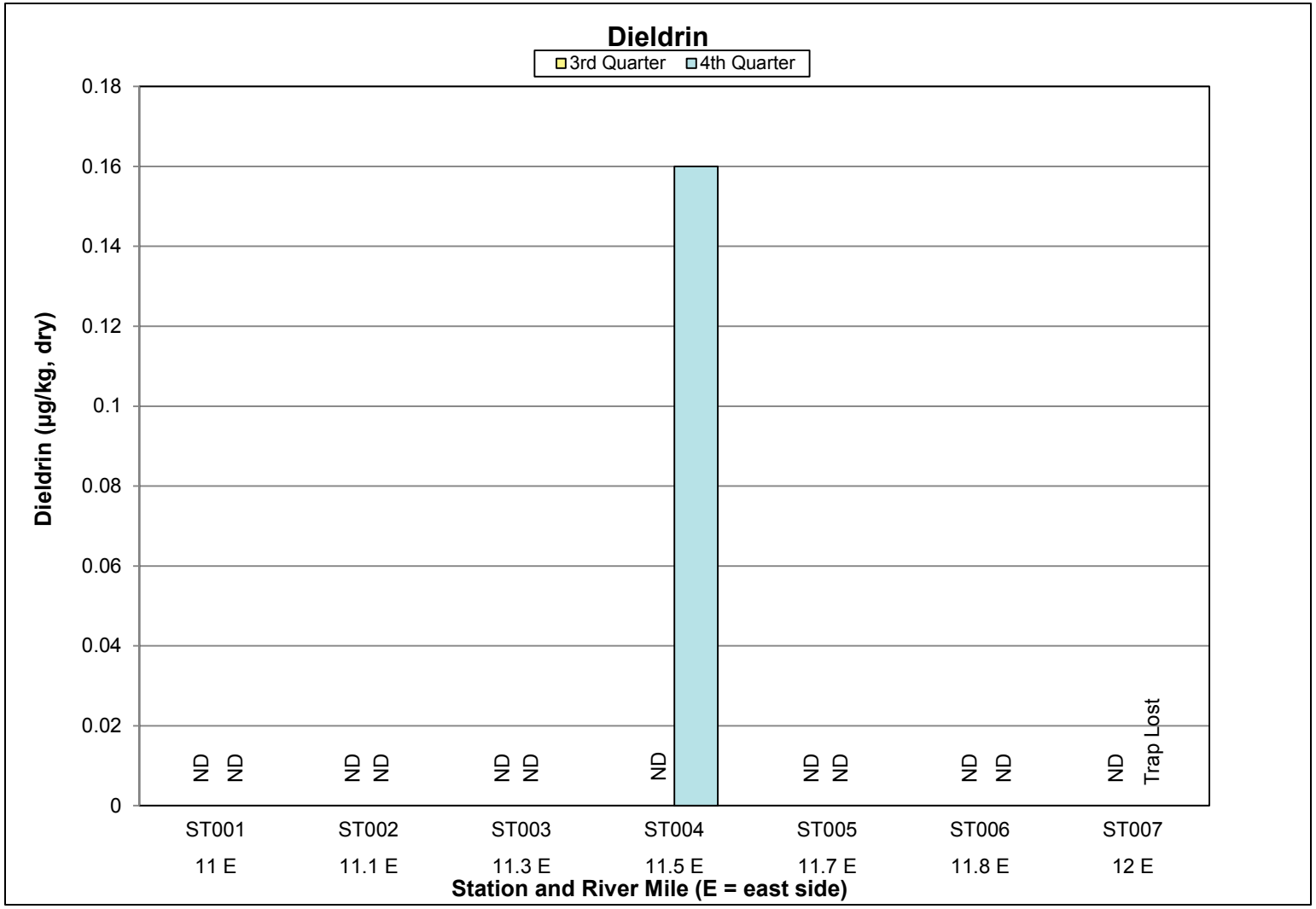
Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-9b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Aldrin Concentrations
for In-River Sediment Traps, 2009



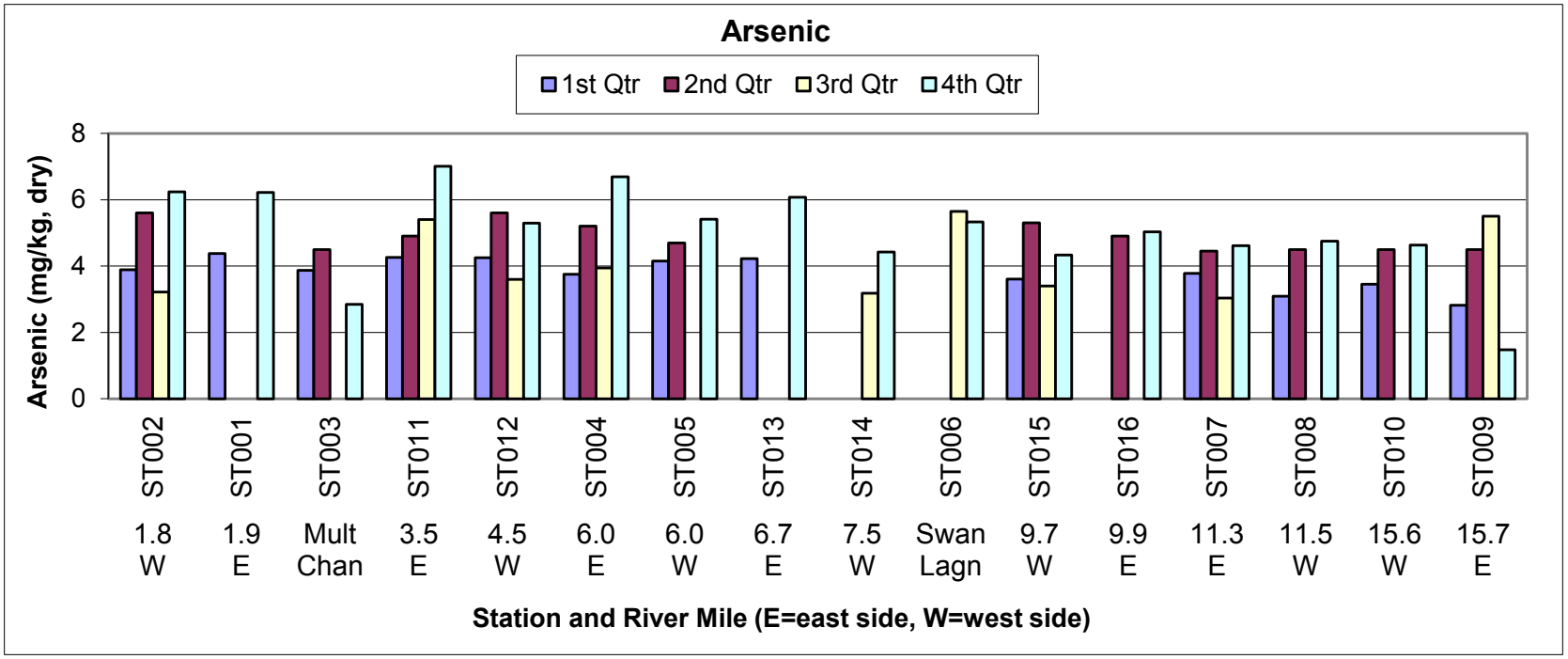
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at quarter shown

Figure 5.3-10a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Dieldrin Concentrations
for In-River Sediment Traps, 2007



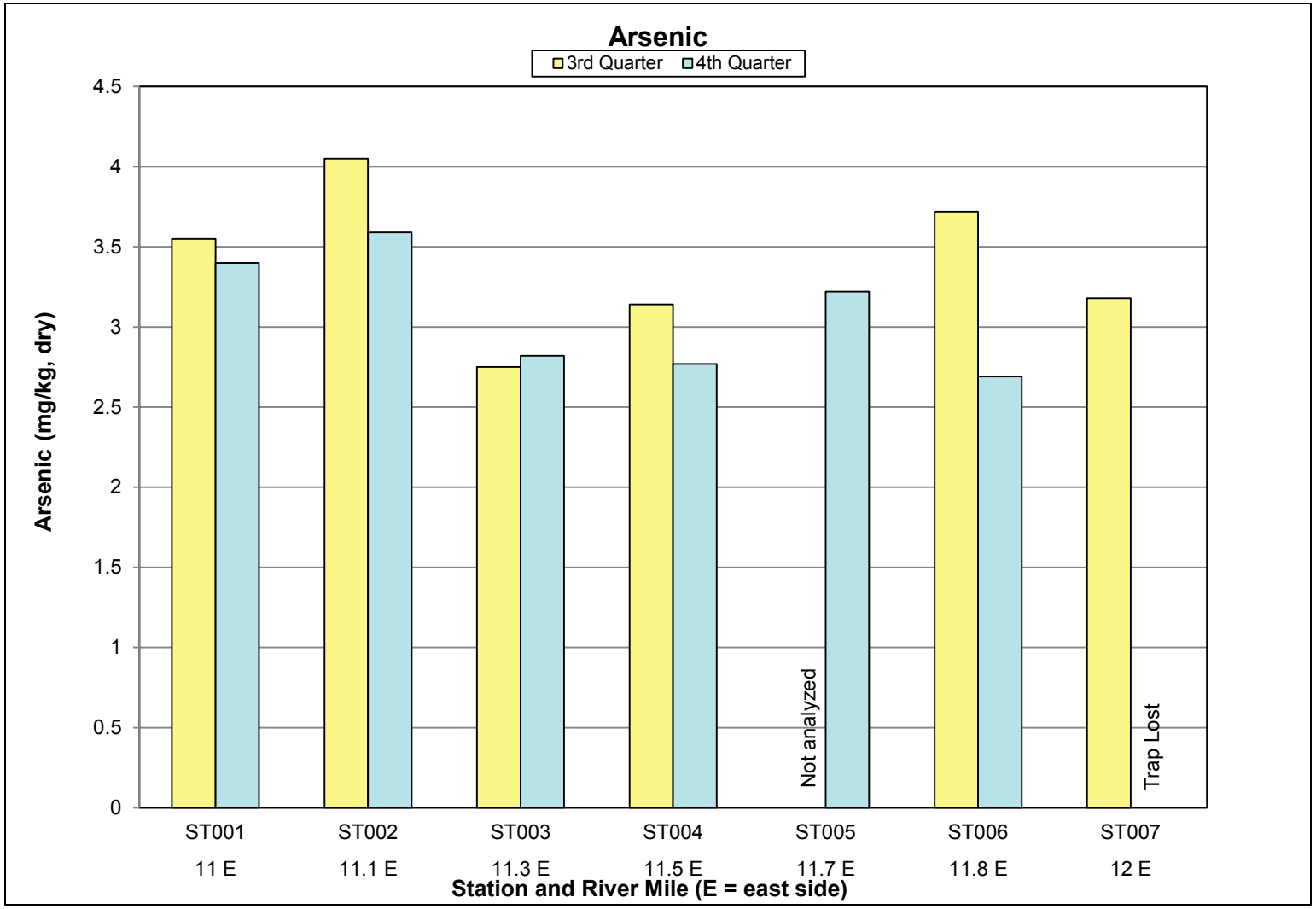
Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-10b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Dieldrin Concentrations
for In-River Sediment Traps, 2009



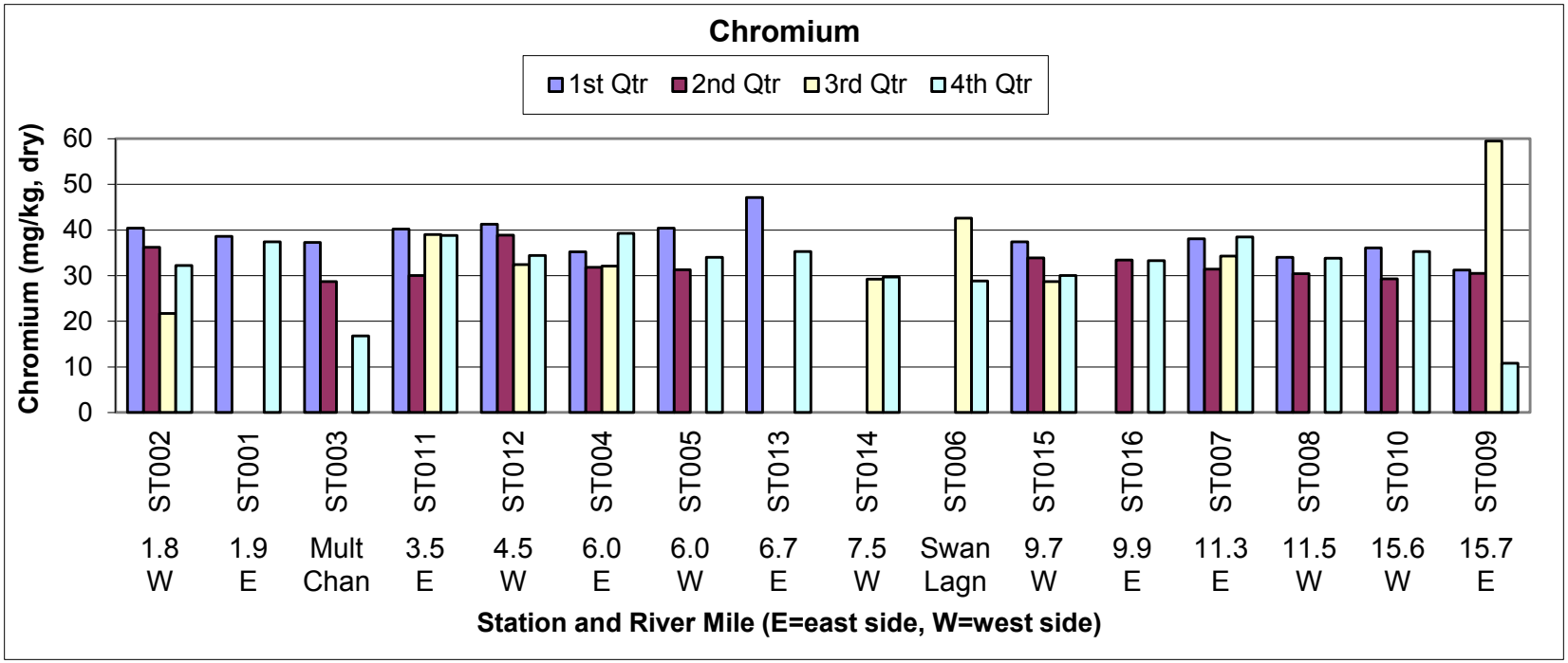
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-11a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Arsenic Concentrations
for In-River Sediment Traps, 2007



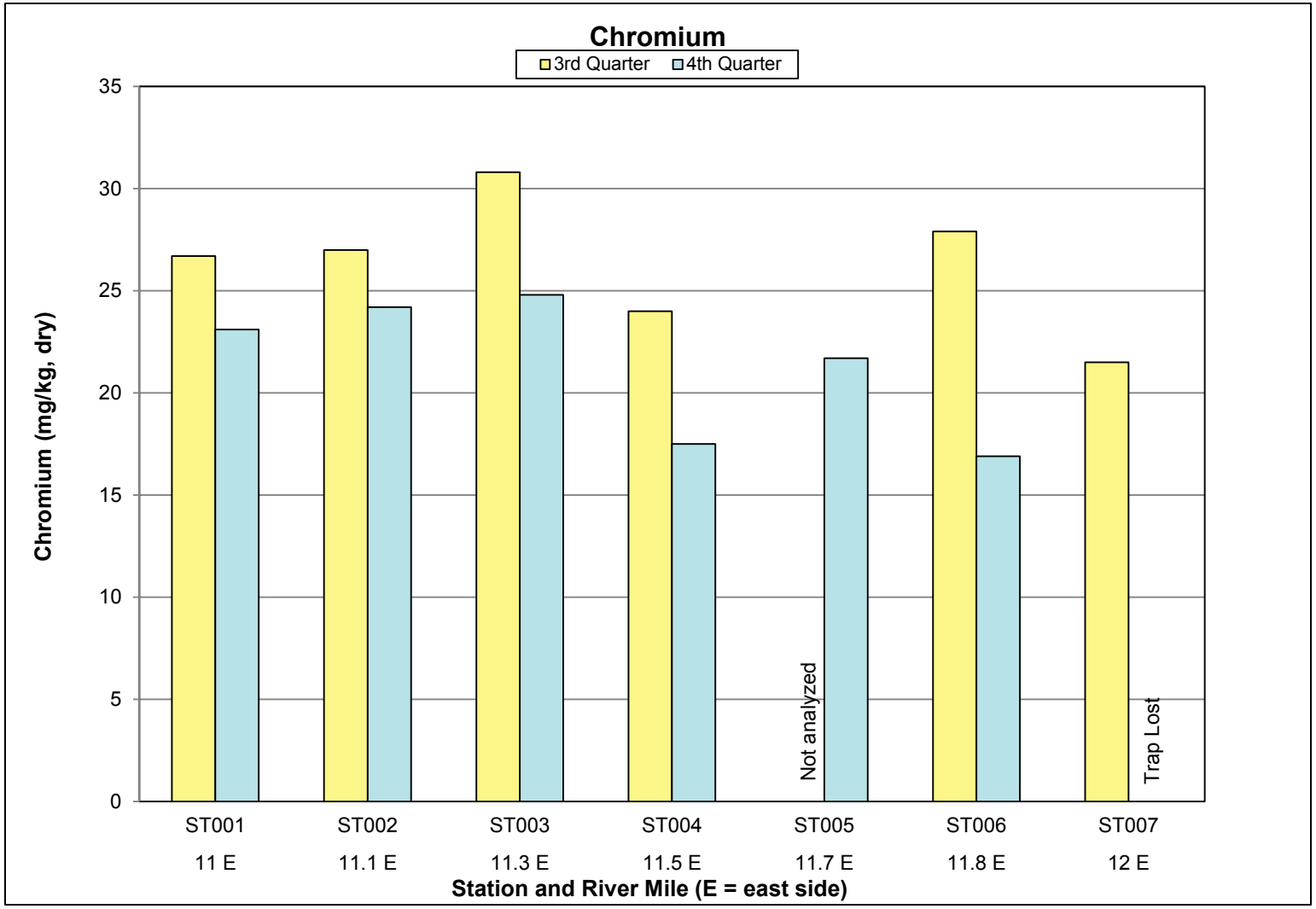
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-11b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Arsenic Concentrations
for In-River Sediment Traps, 2009



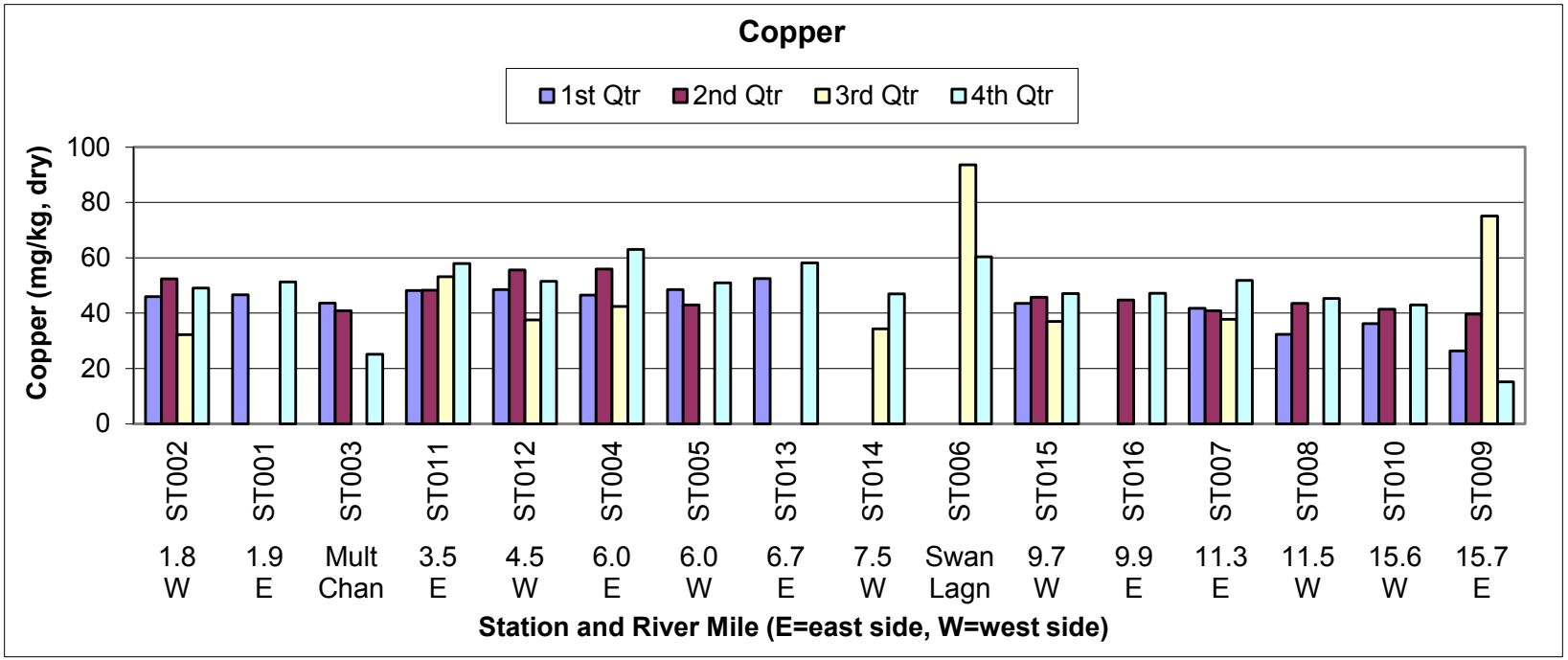
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-12a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Chromium Concentrations
for In-River Sediment Traps, 2007



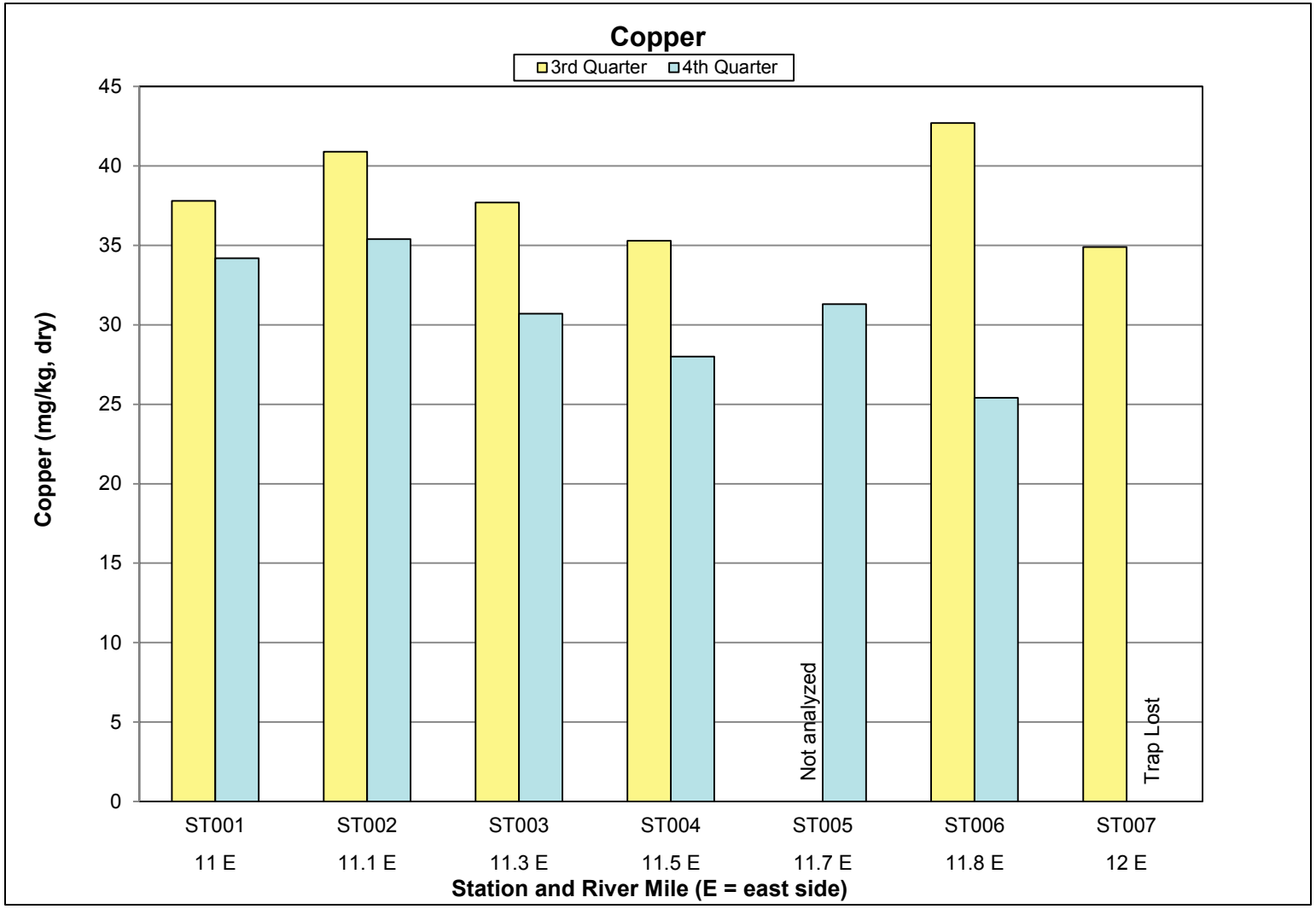
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-12b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Chromium Concentrations
for In-River Sediment Traps, 2009



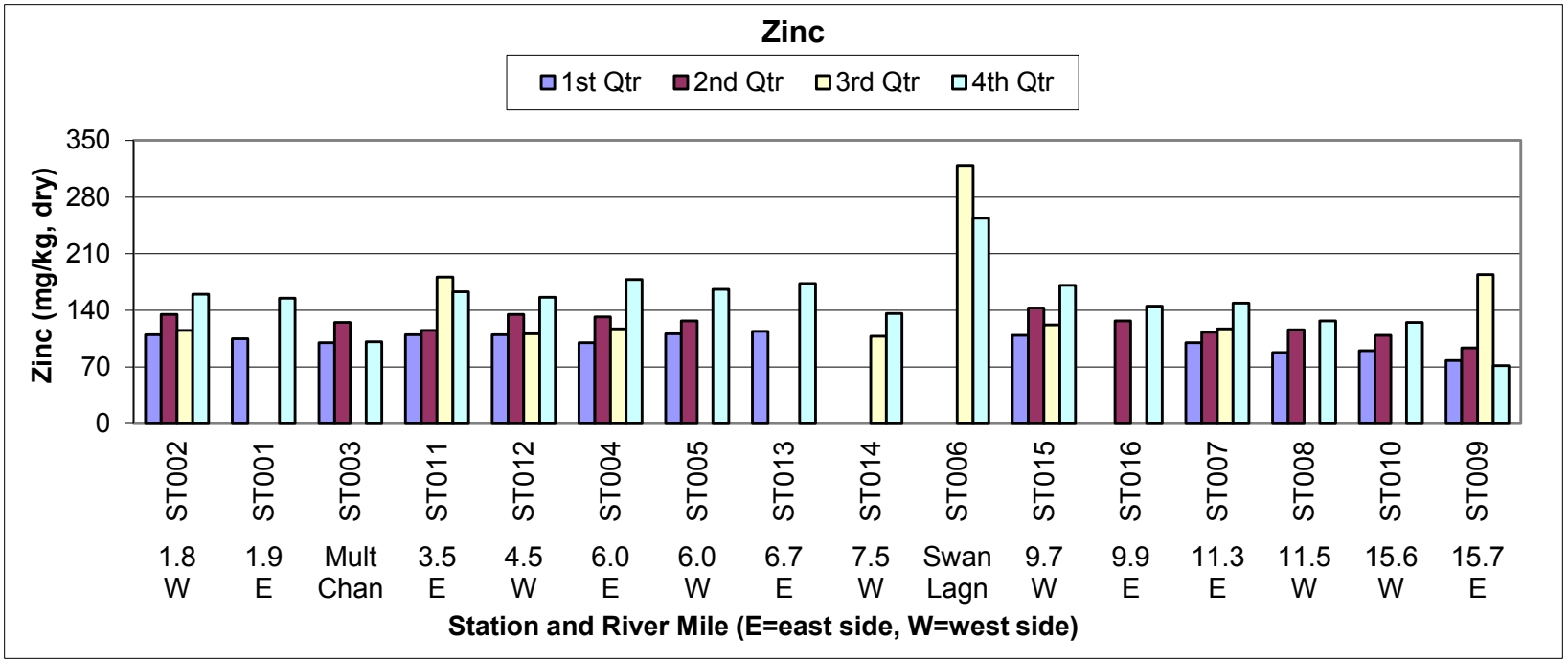
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-13a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Copper Concentrations
for In-River Sediment Traps, 2007



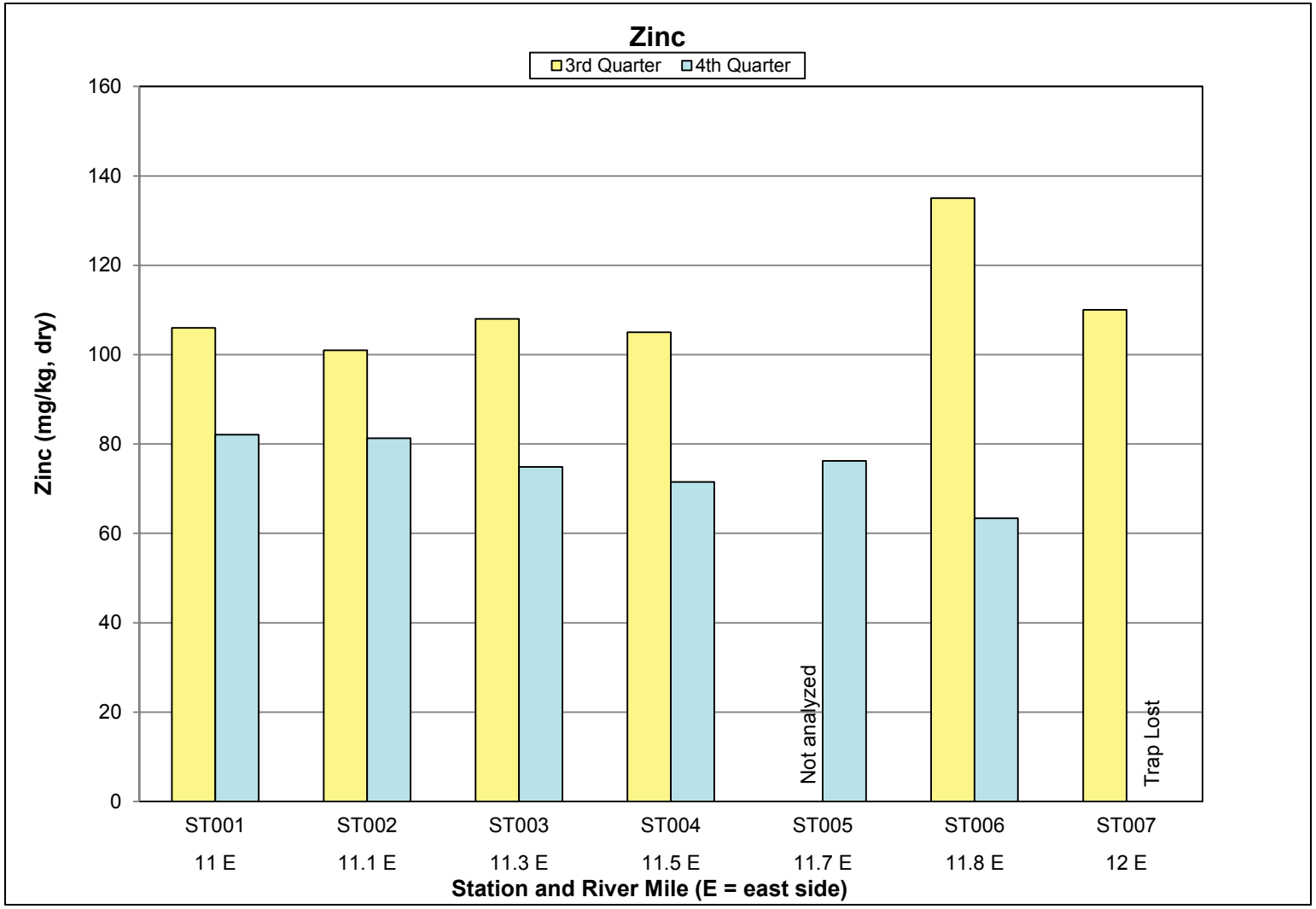
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-13b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Copper Concentrations
for In-River Sediment Traps, 2009



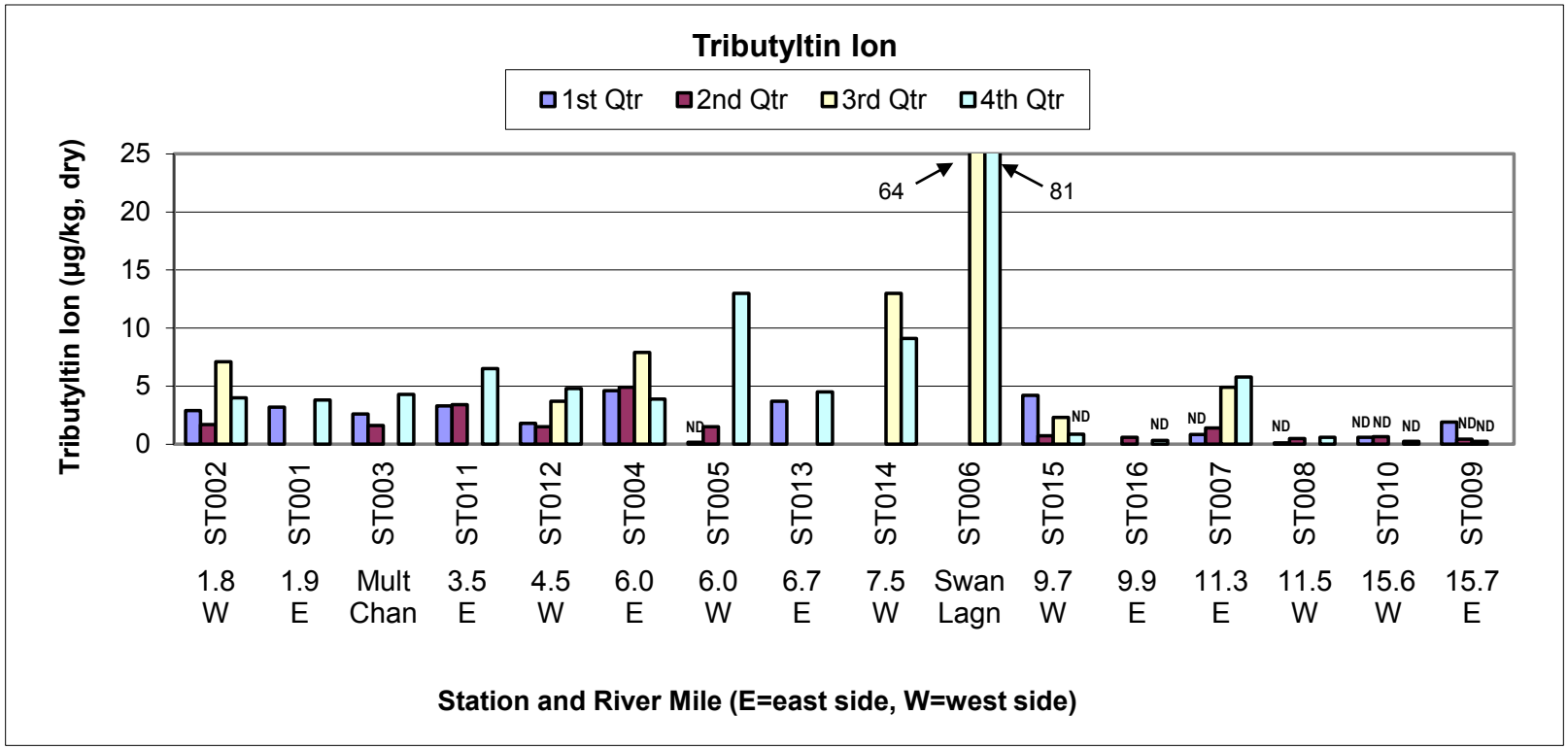
Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-14a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Zinc Concentrations
for In-River Sediment Traps, 2007



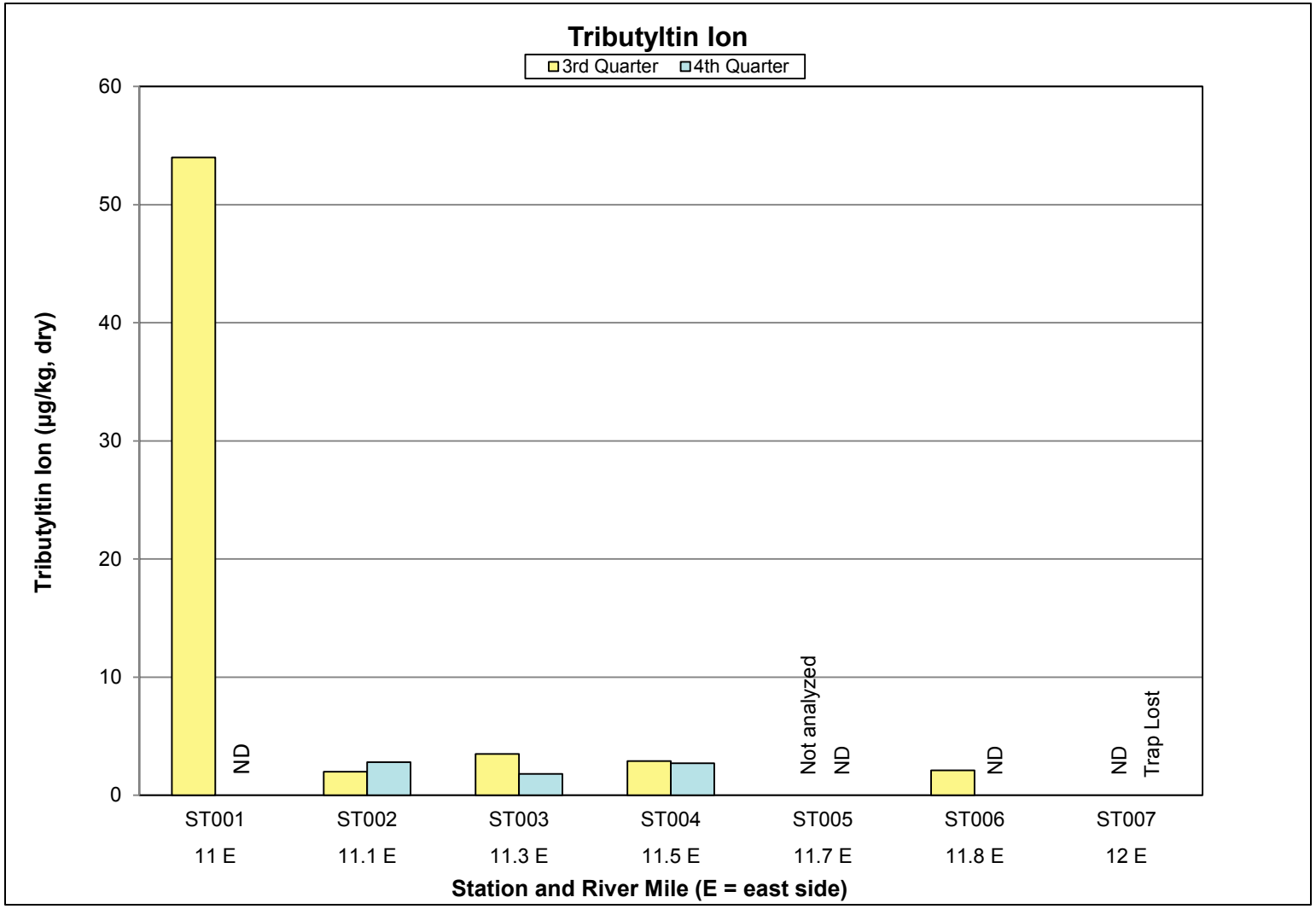
Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-14b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Zinc Concentrations
for In-River Sediment Traps, 2009



Note: Blank spaces within station groupings indicate that traps were lost or the quarterly volume of material collected was not sufficient for analysis.
ND = not detected at value shown

Figure 5.3-15a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Tributyltin Ion Concentrations
for In-River Sediment Traps, 2007



Note: Samples were not collected in the 1st and 2nd quarters.
ND = not detected at quarter shown

Figure 5.3-15b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Tributyltin Ion Concentrations
for In-River Sediment Traps, 2009

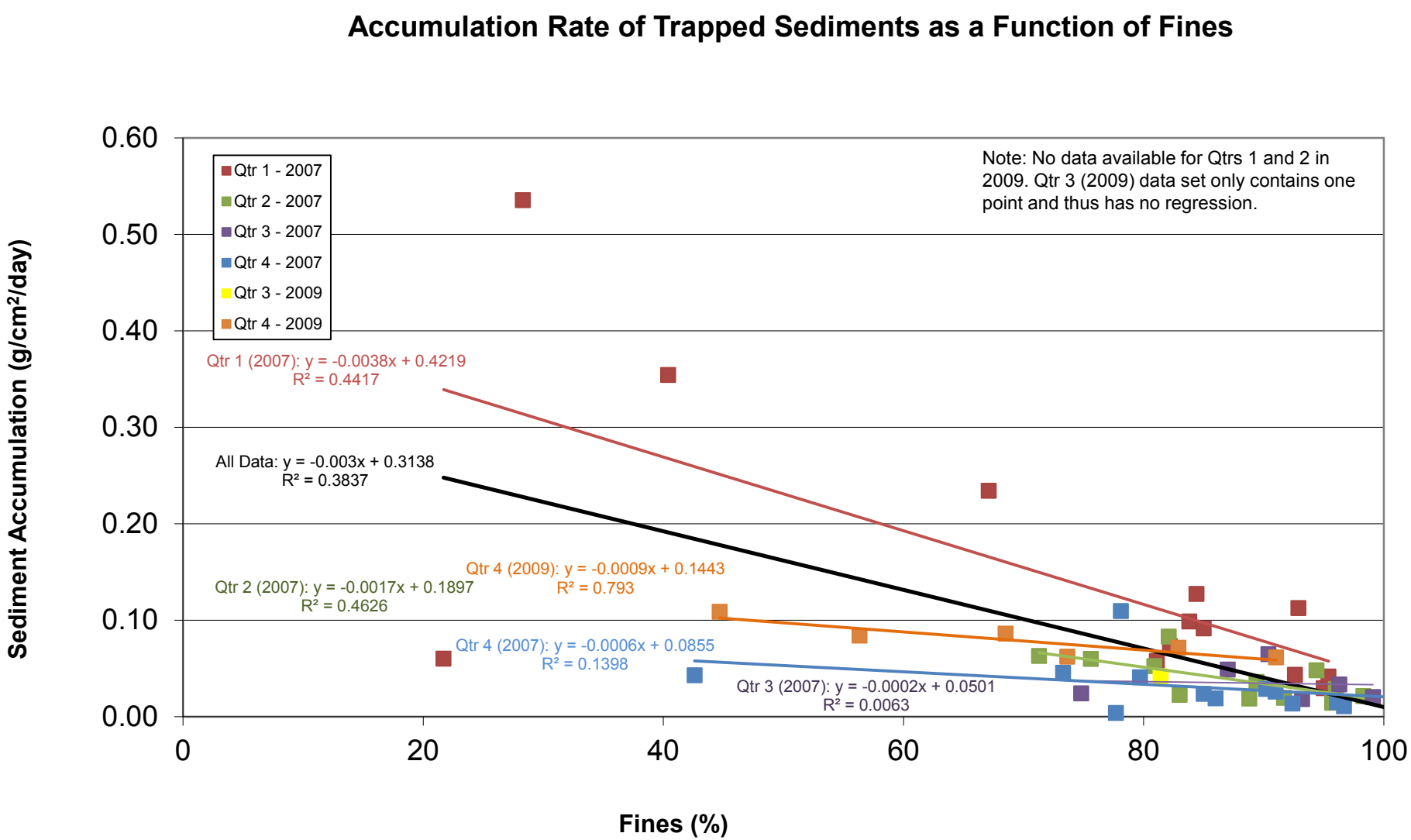


Figure 5.3-16
Portland Harbor RI/FS
Remedial Investigation Report
Regression of Sediment Accumulation Rate of Trapped Sediment for In-River Sediment Trap Sampling

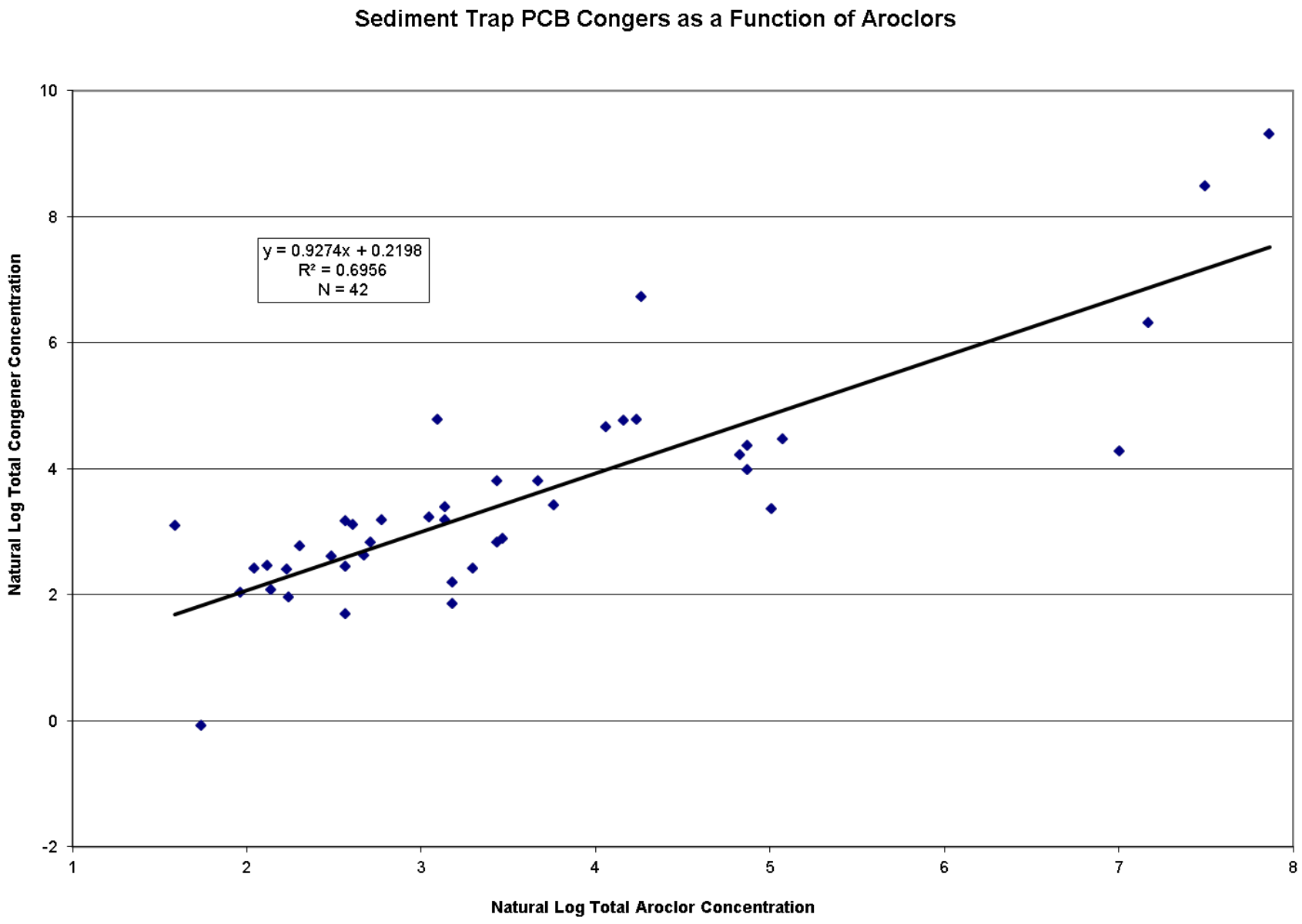
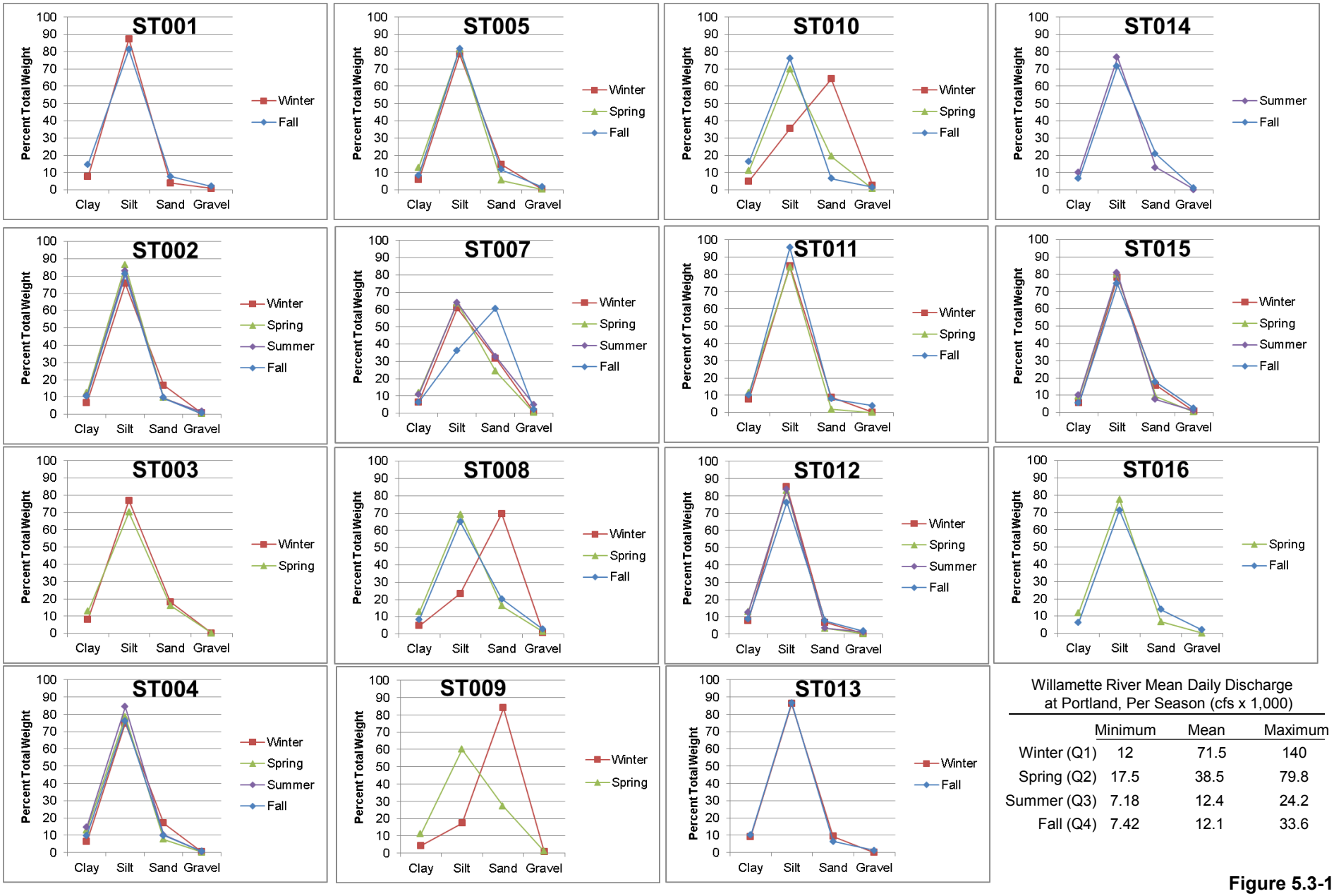


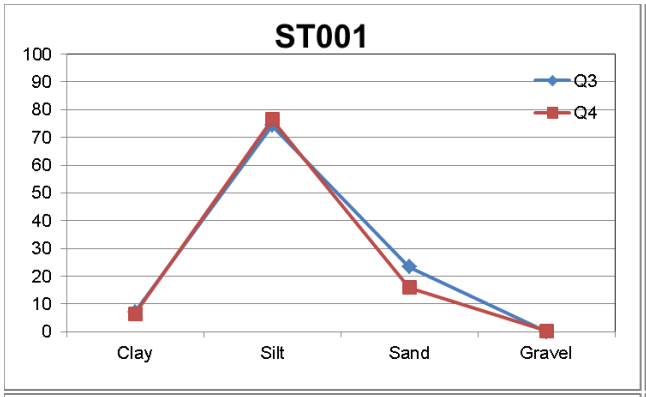
Figure 5.3-17
Portland Harbor RI/FS
Remedial Investigation Report
Regression of Total PCB Congener and PCB Aroclor
Concentrations for In-River Sediment Traps

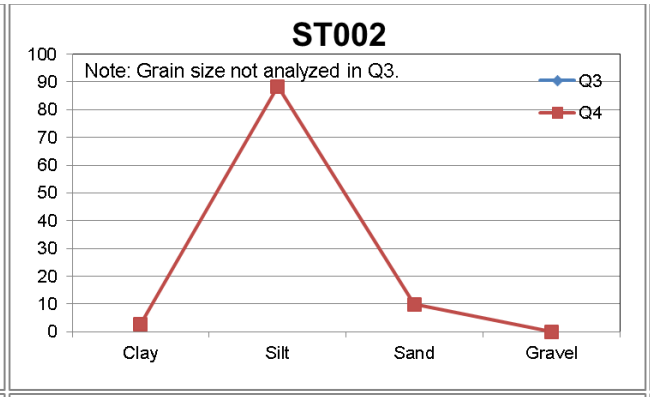


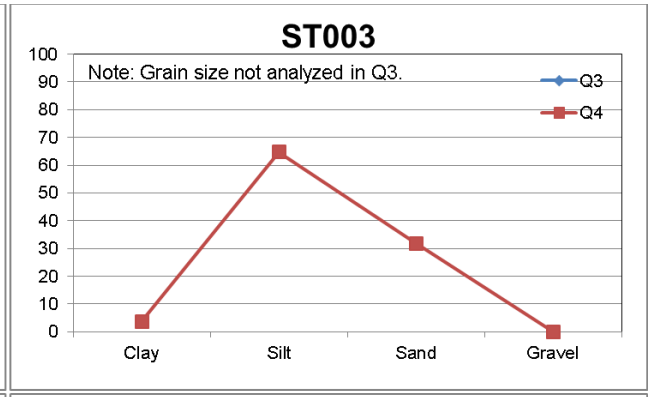
Willamette River Mean Daily Discharge at Portland, Per Season (cfs x 1,000)

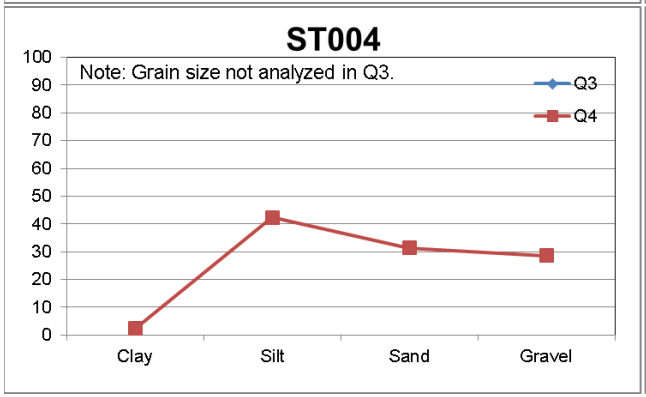
	Minimum	Mean	Maximum
Winter (Q1)	12	71.5	140
Spring (Q2)	17.5	38.5	79.8
Summer (Q3)	7.18	12.4	24.2
Fall (Q4)	7.42	12.1	33.6

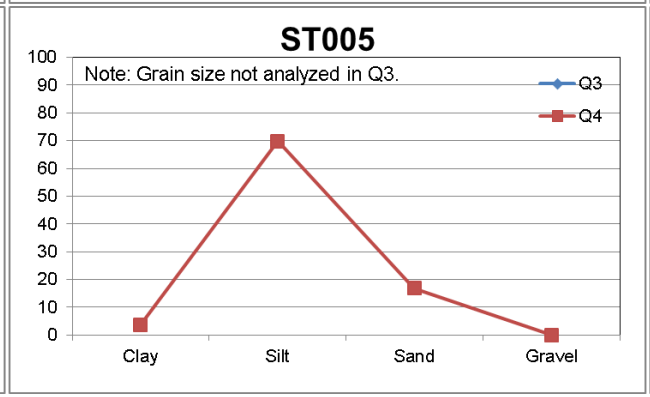
Figure 5.3-18a
Portland Harbor RI/FS
Remedial Investigation Report
Grain Size Distribution of Sediment Trap Samples by Quarter, 2007

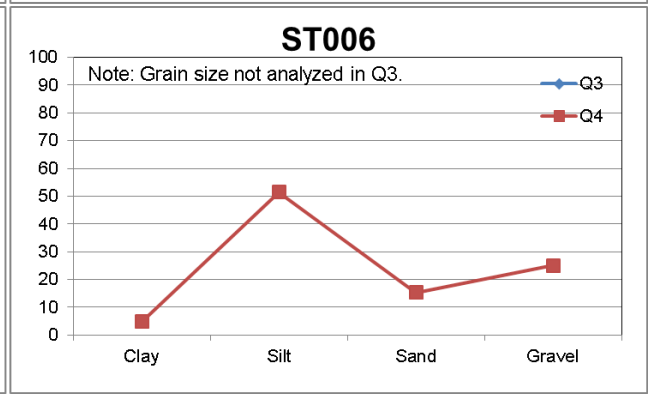


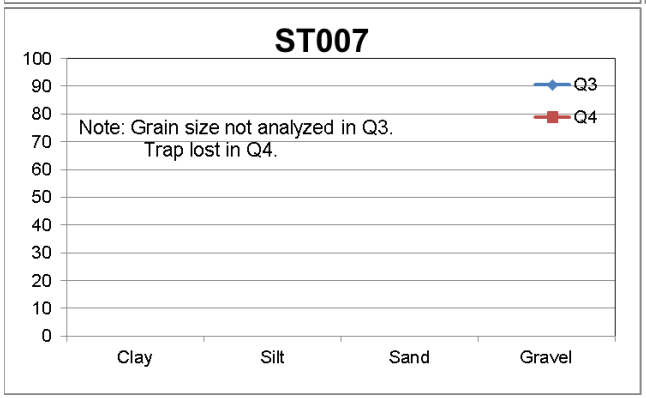












Willamette River Mean Daily Discharge
at Portland, Per Season (cfs x 1,000)

	Minimum	Mean	Maximum
Summer (Q3)	6.26	9.75	12.90
Fall (Q4)	8.60	33.48	96.70

Figure 5.3-18b
Portland Harbor RI/FS
Remedial Investigation Report
Grain Size Distribution of Sediment Trap
Samples by Quarter, 2009

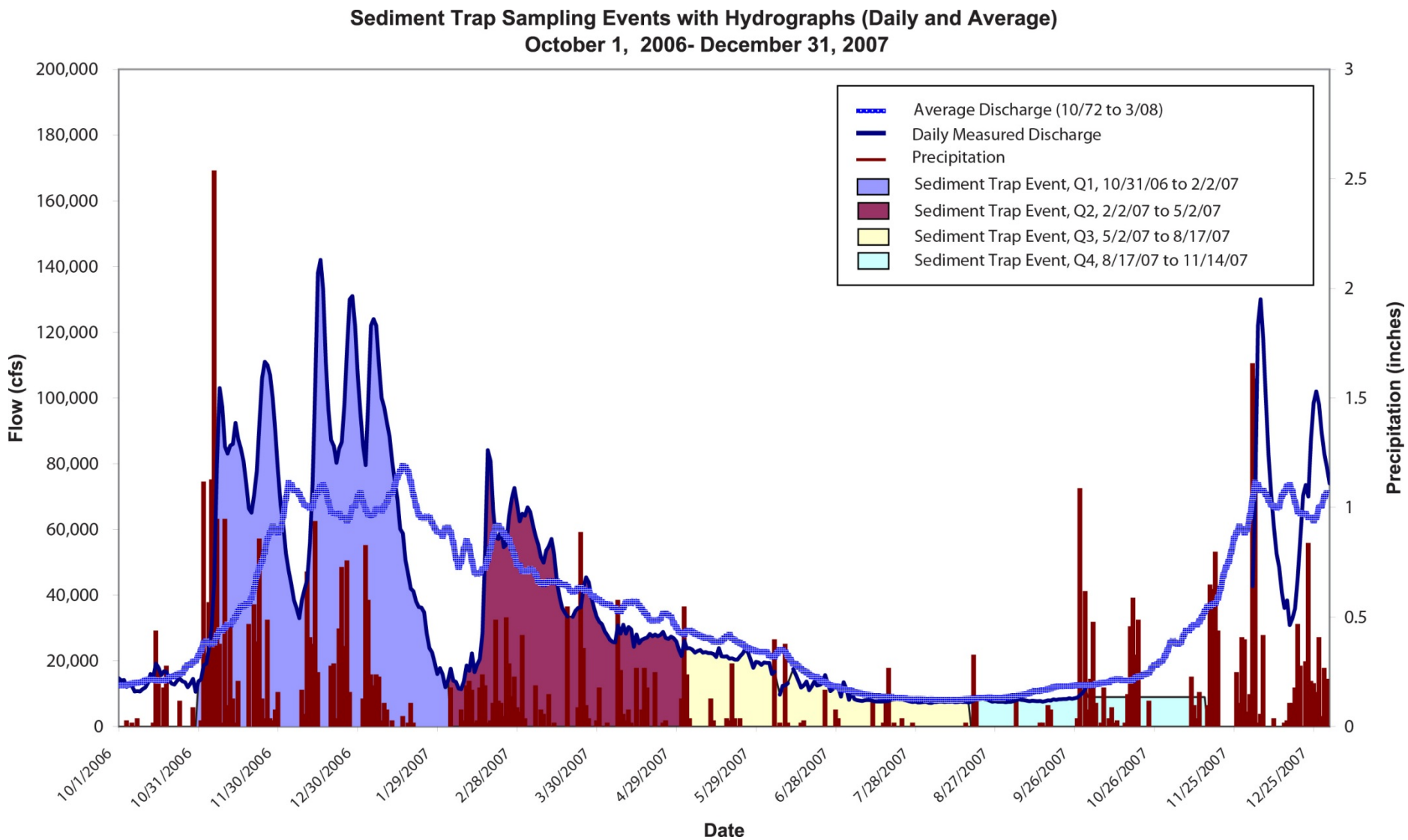


Figure 5.3-19a
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of the Willamette River at Portland
During In-River Sediment Trap Sampling

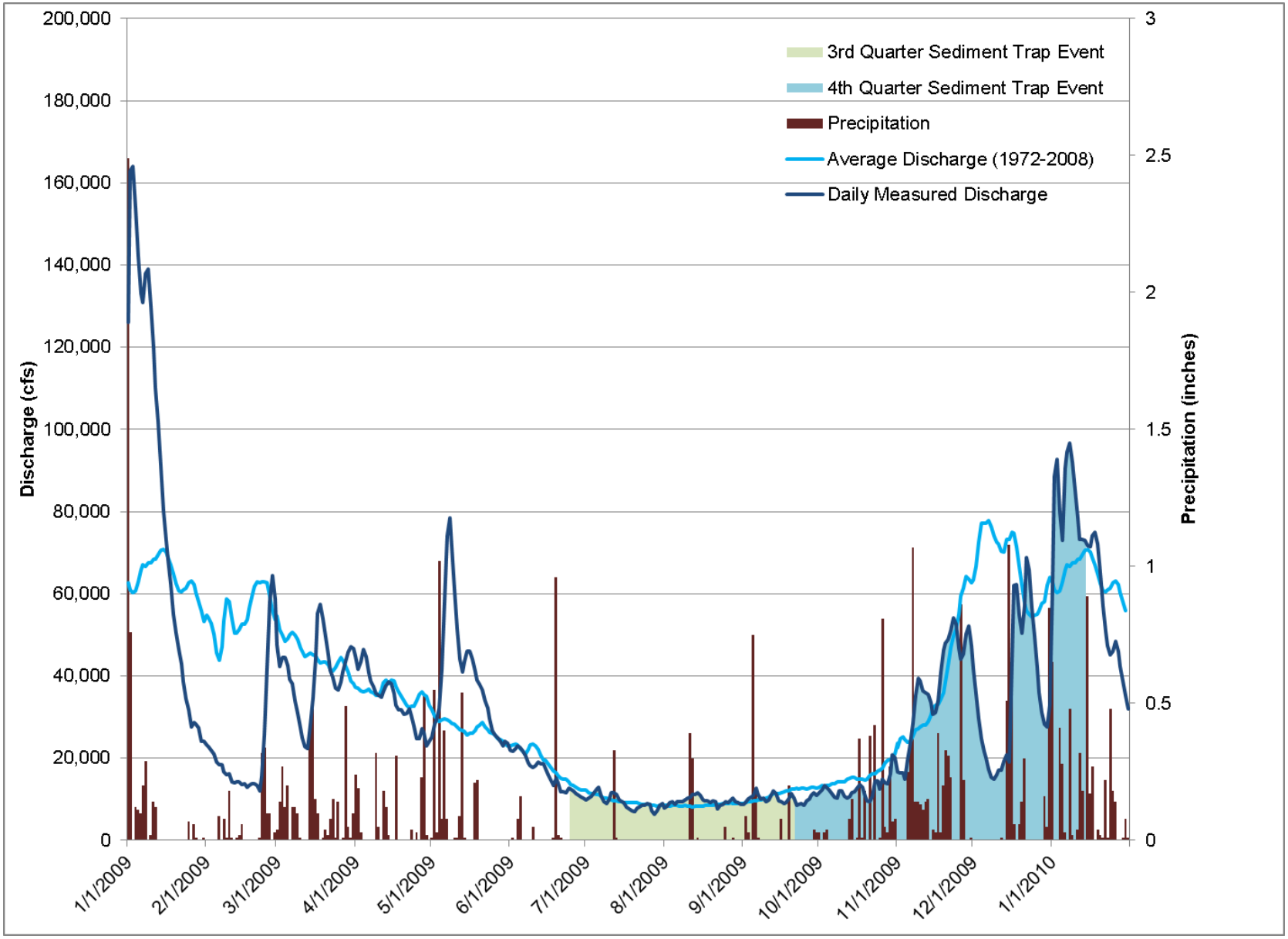
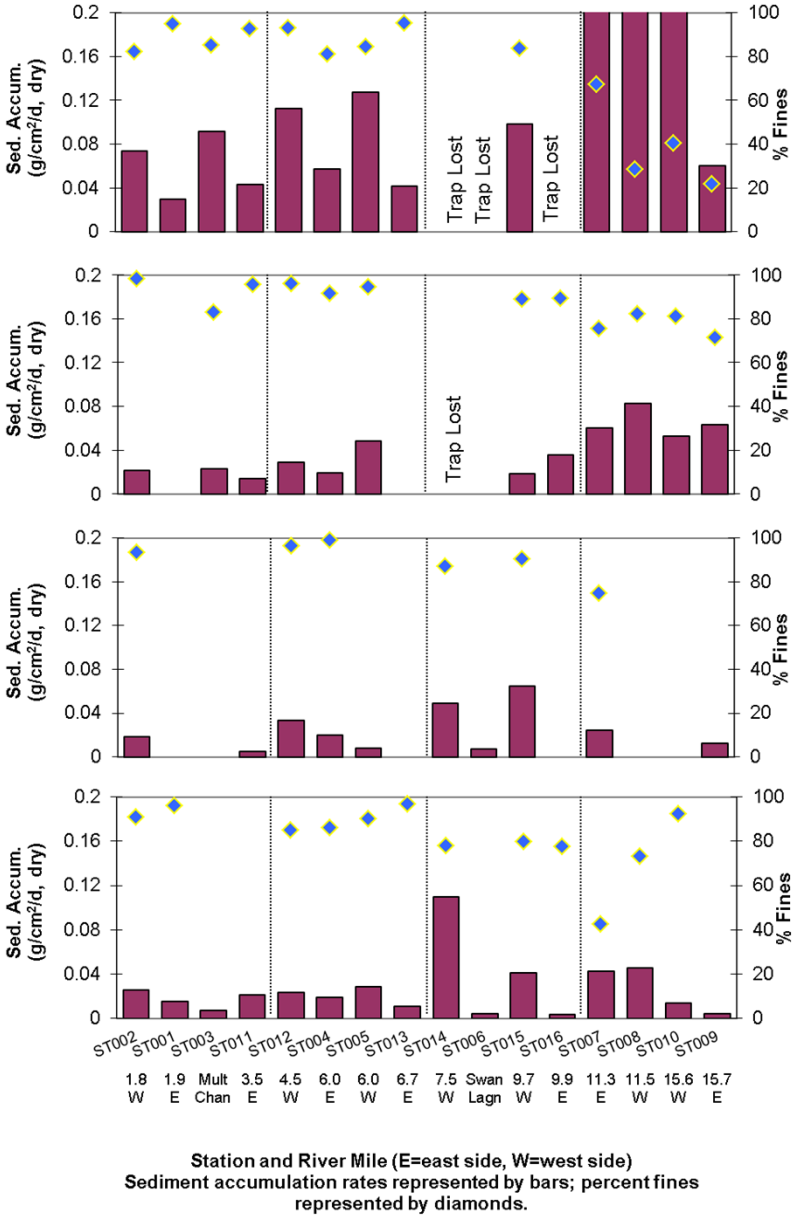


Figure 5.3-19b
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of the Willamette River at Portland
During In-River Sediment Trap Sampling



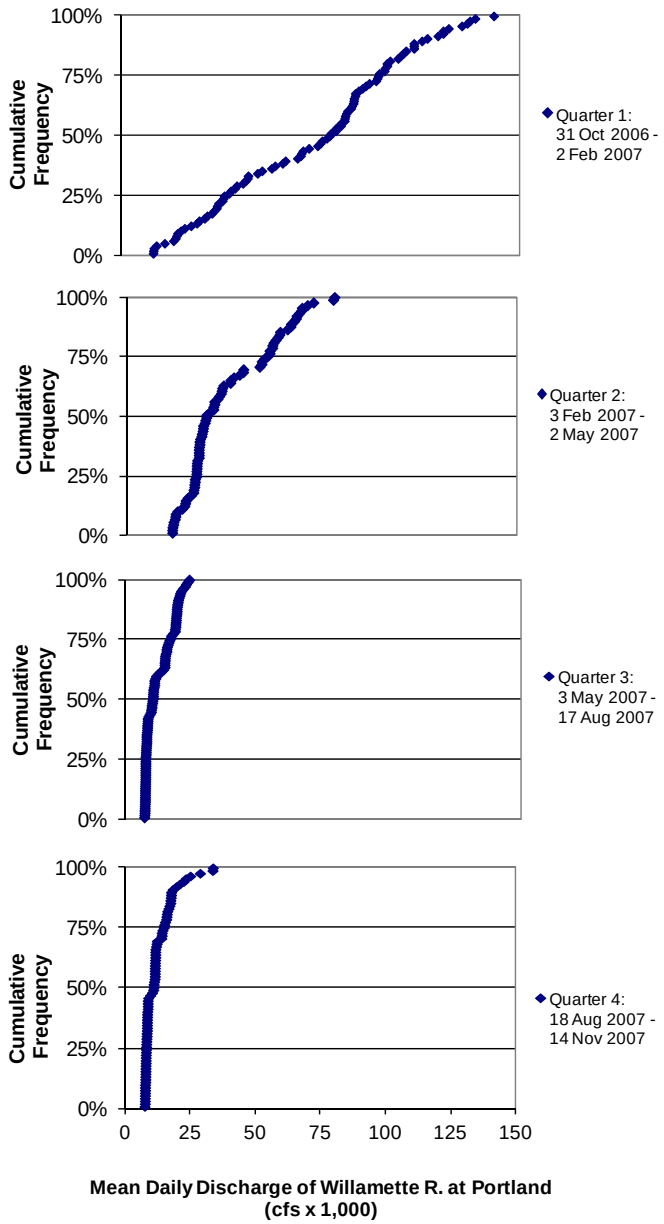


Figure 5.3-20a
Portland Harbor RI/FS
Remedial Investigation Report
Histograms of Sediment Accumulation Rates by Quarter and Corresponding Frequency Distribution of Willamette River Discharge, 2007

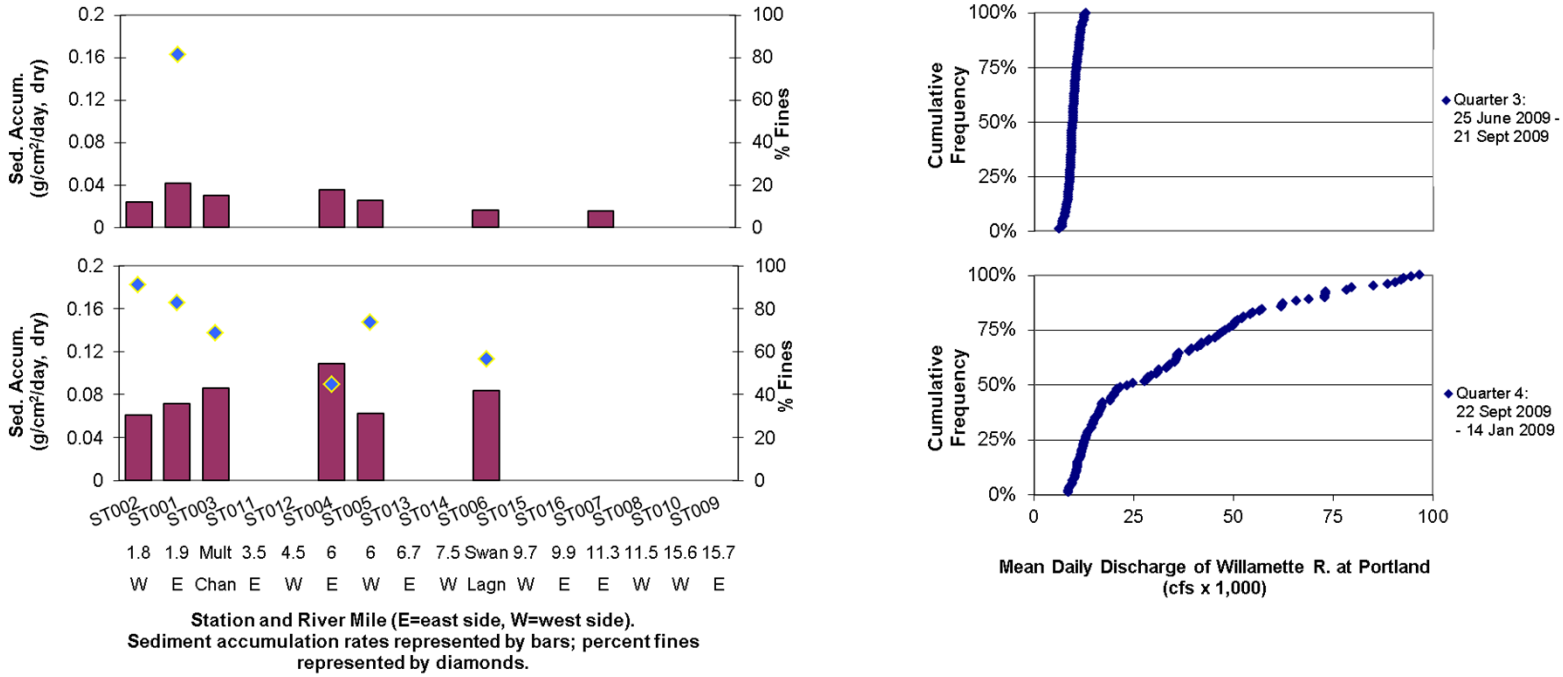
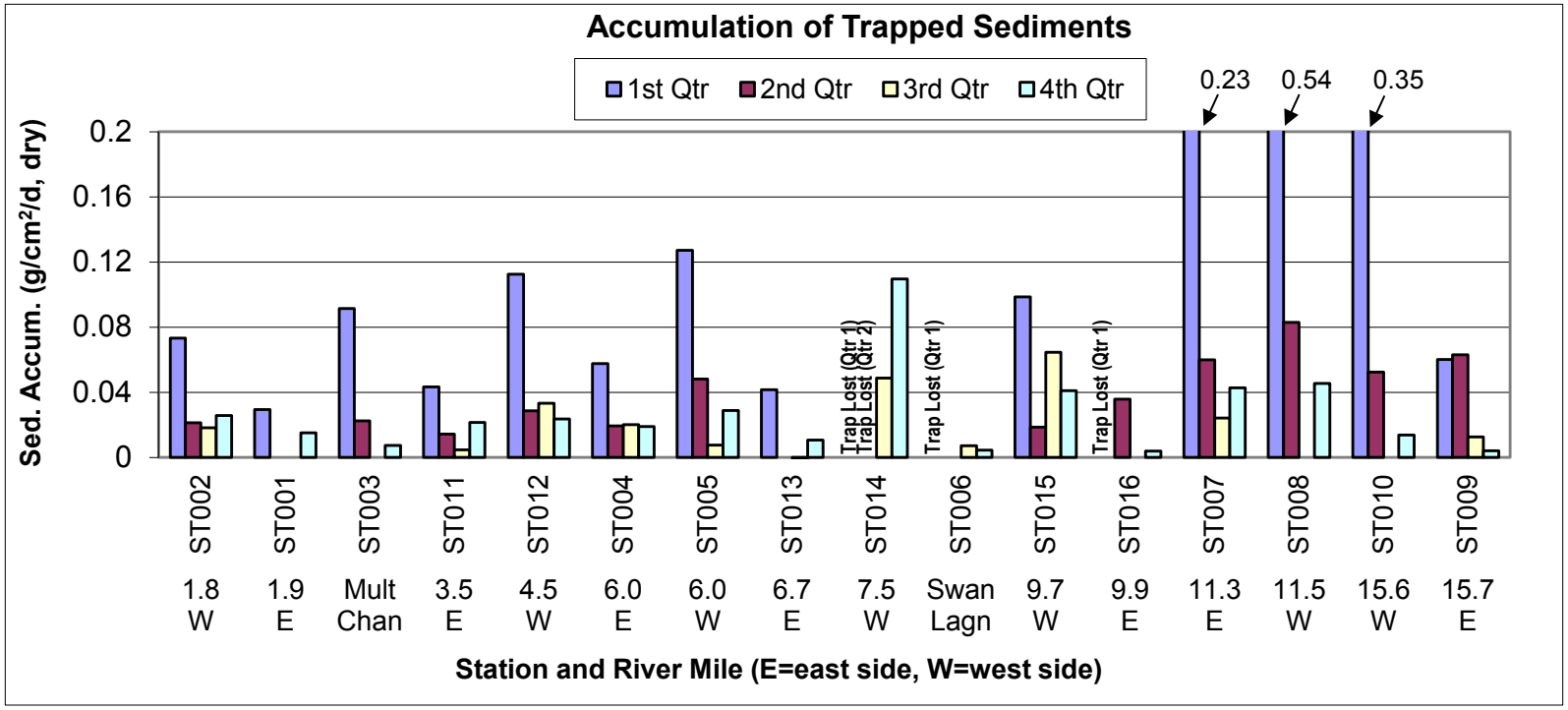
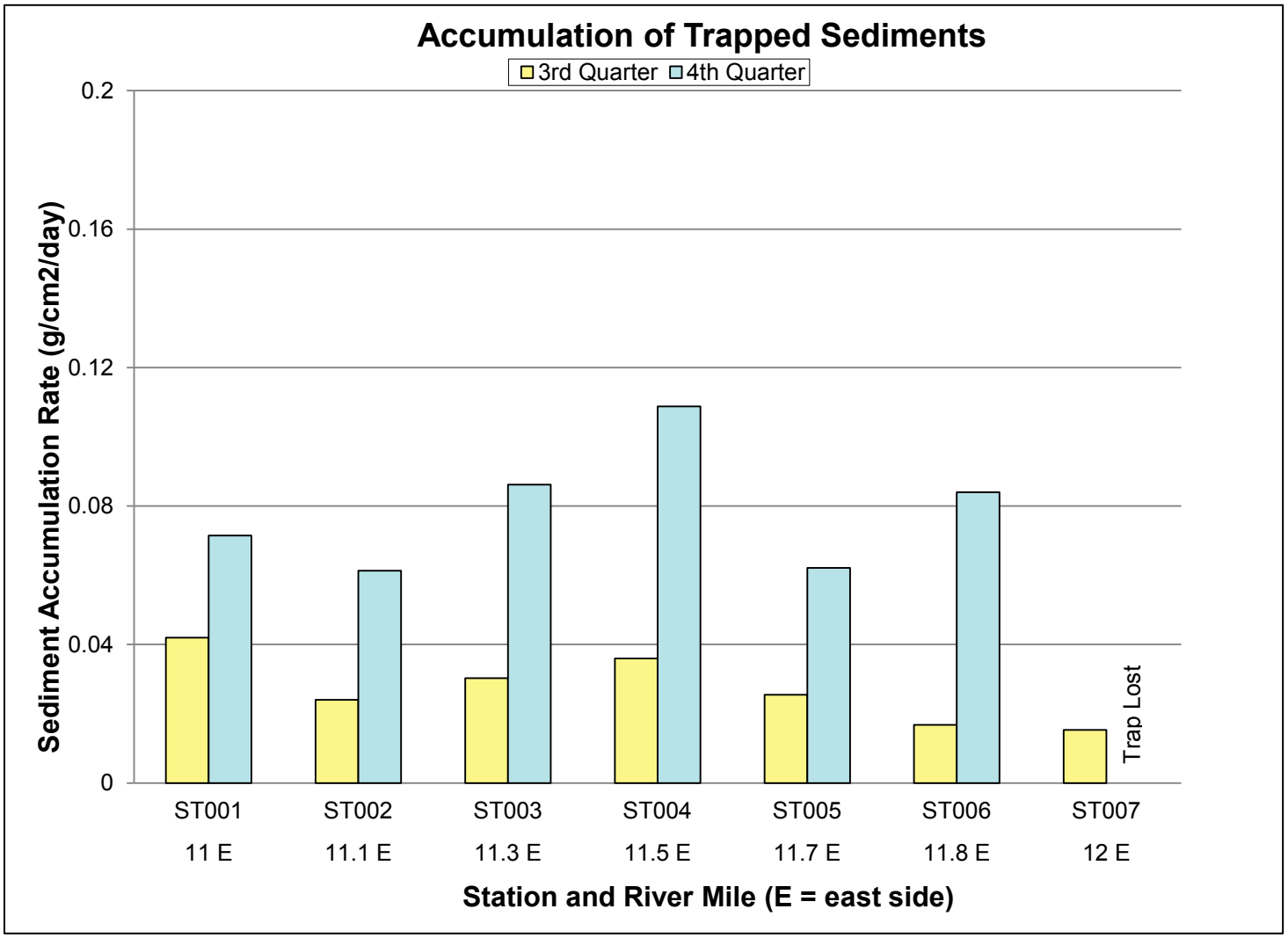


Figure 5.3-20b
Portland Harbor RI/FS
Remedial Investigation Report
Histograms of Sediment Accumulation Rates by Quarter and Corresponding Frequency Distribution of Willamette River Discharge, 2009



Note: Blank spaces within station groupings indicate that the quarterly volume of material collected was not sufficient for analysis.

Figure 5.3-21a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Accumulation Rate of Trapped Sediment
for In-River Sediment Trap Sampling, 2007



Note: Samples were not collected in the 1st and 2nd quarters.

Figure 5.3-21b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Accumulation Rate of Trapped Sediment
for In-River Sediment Trap Sampling, 2009

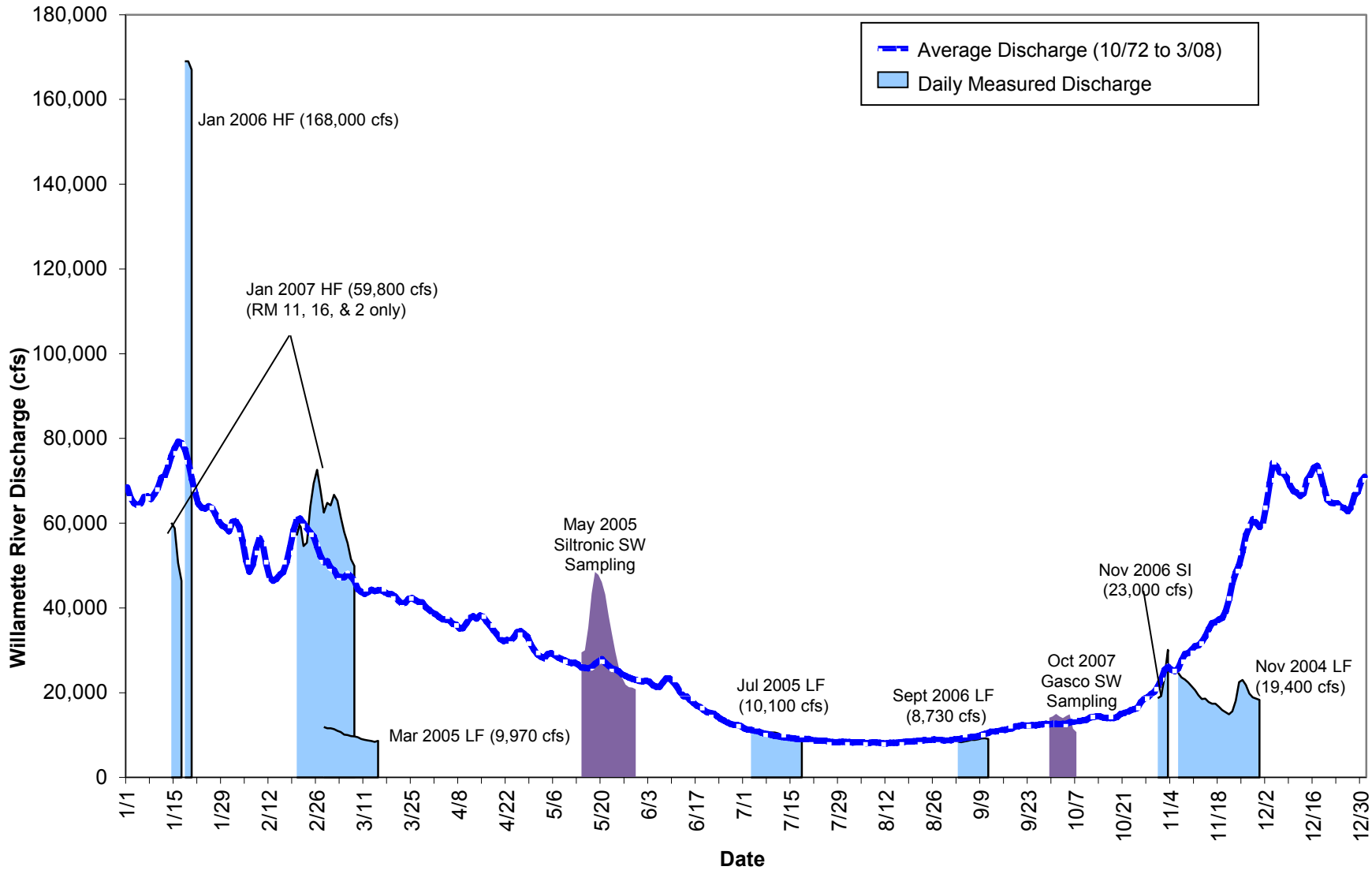


Figure 5.4-1
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Willamette River Comparing Average Daily Discharge
for Period of Record (1972-2008) and Average Daily Discharge
During Individual Surface Water Sampling Events by Day of Year

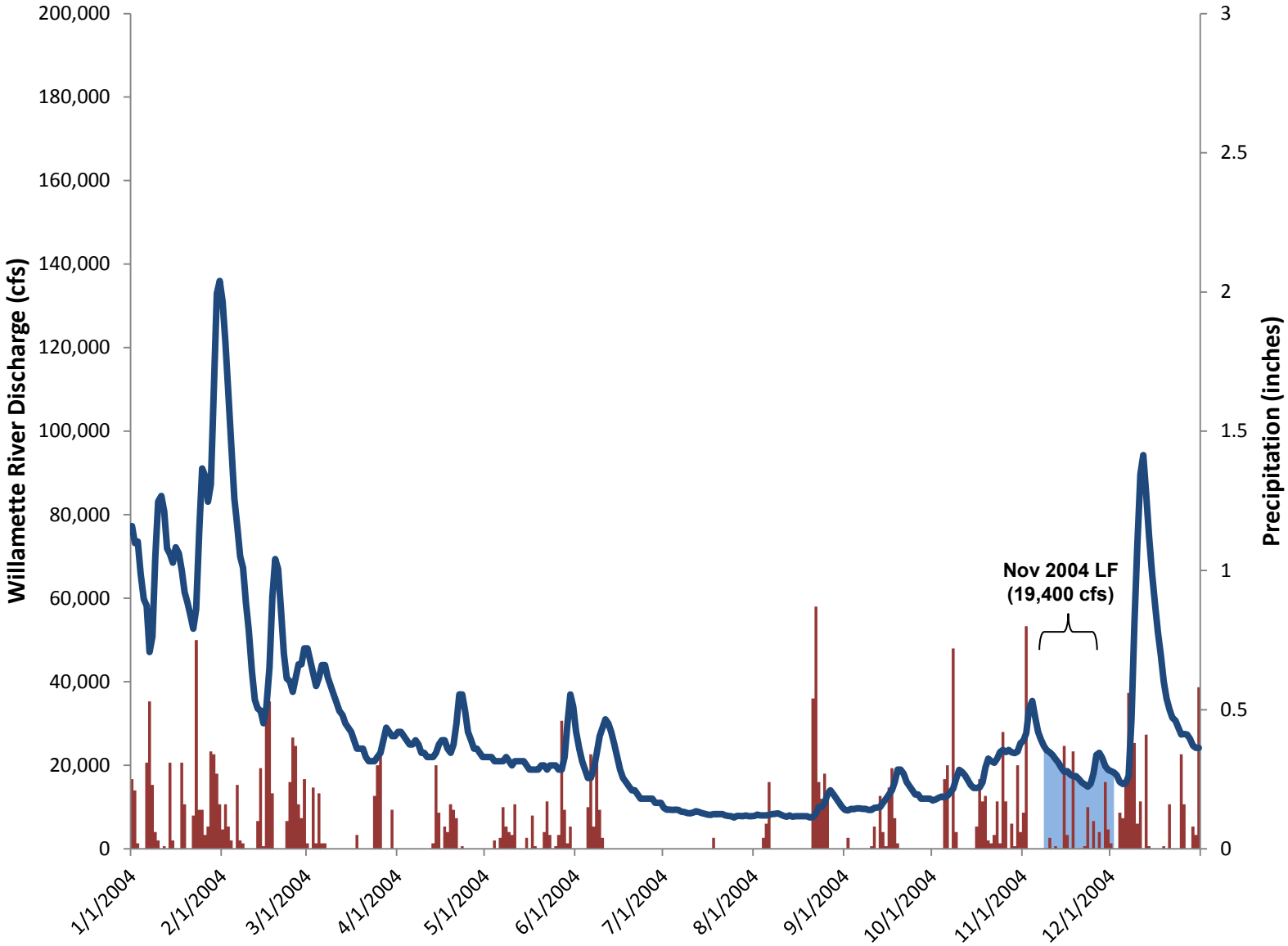


Figure 5.4-2a
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Average Daily Discharge for Willamette River (1972-2008)
and Daily Discharge during Surface Water Sampling Events by Day of
Year with Hyetograph of Precipitation Events (2004)

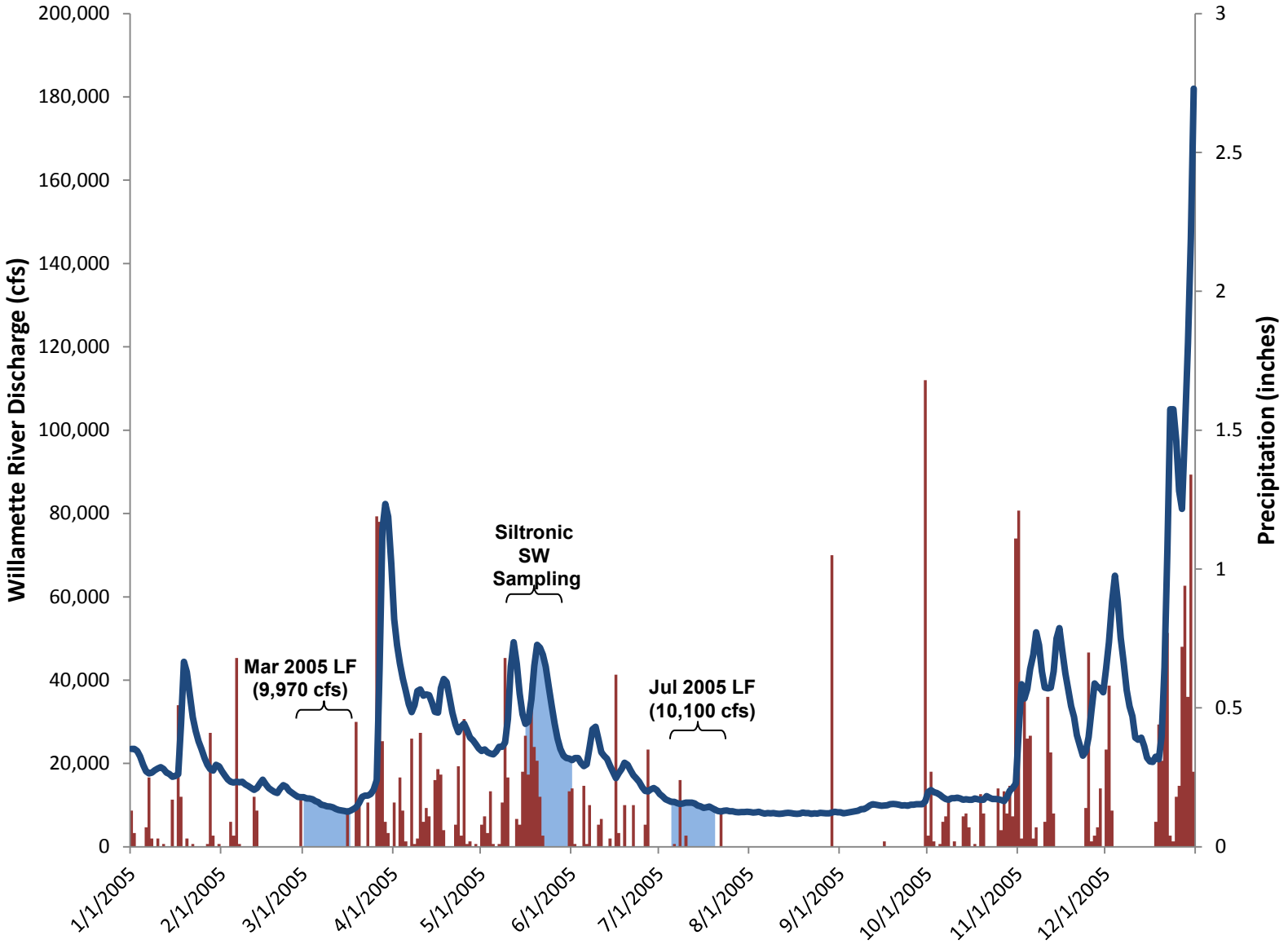


Figure 5.4-2b
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Average Daily Discharge for Willamette River (1972-2008)
and Daily Discharge during Surface Water Sampling Events by Day of
Year with Hyetograph of Precipitation Events (2005)

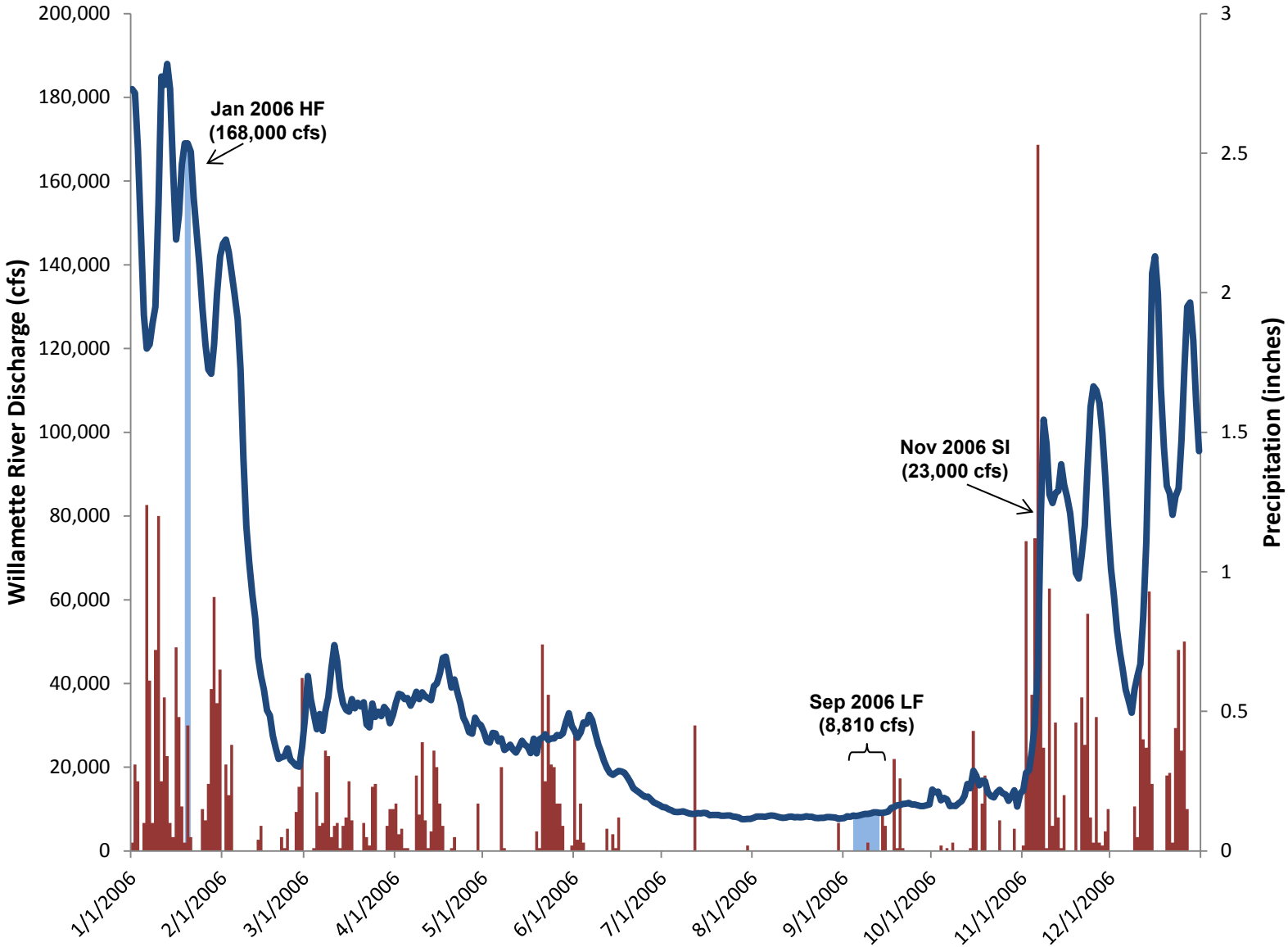


Figure 5.4-2c
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Average Daily Discharge for Willamette River (1972-2008)
and Daily Discharge during Surface Water Sampling Events by Day of
Year with Hyetograph of Precipitation Events (2006)

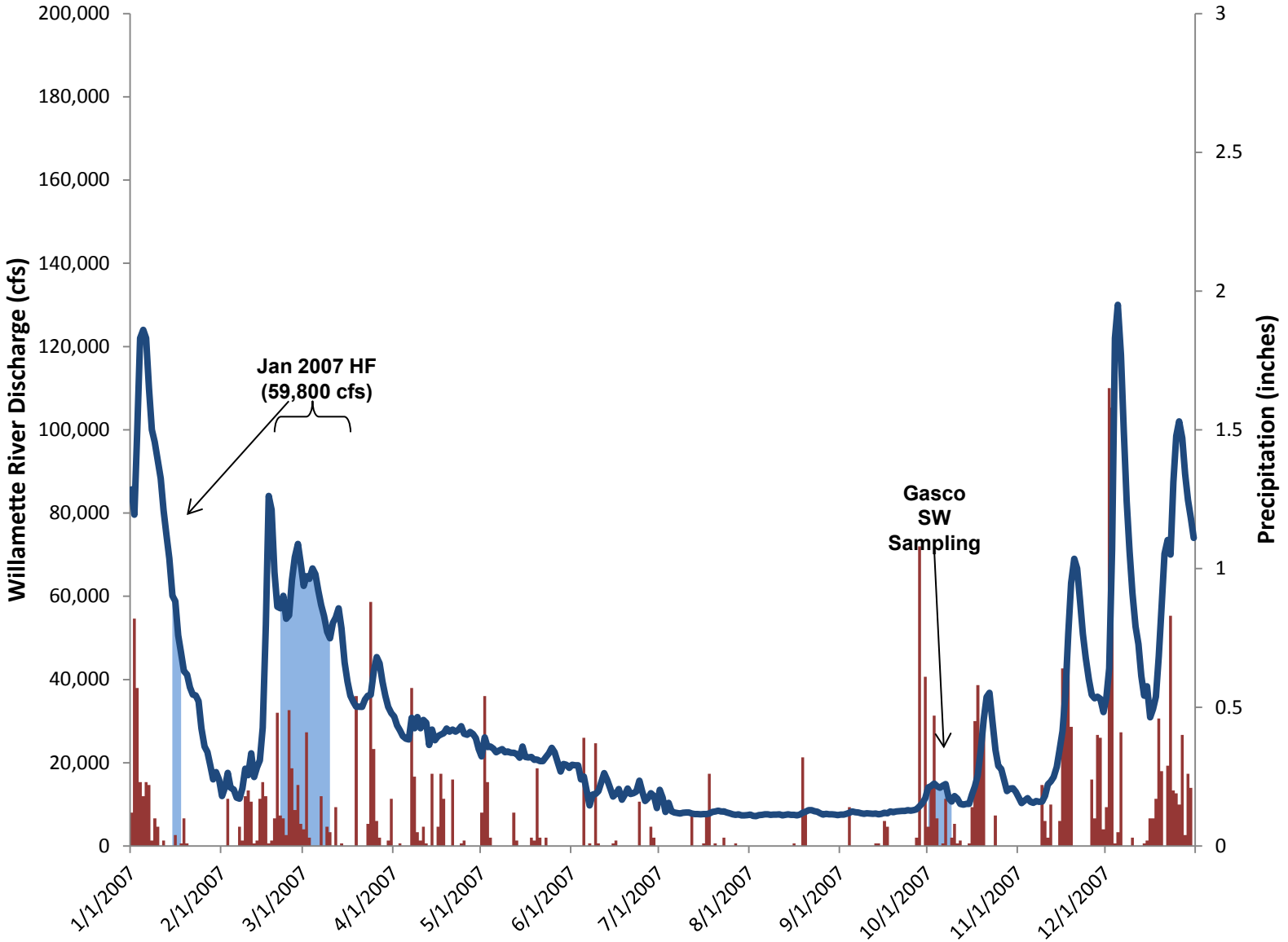
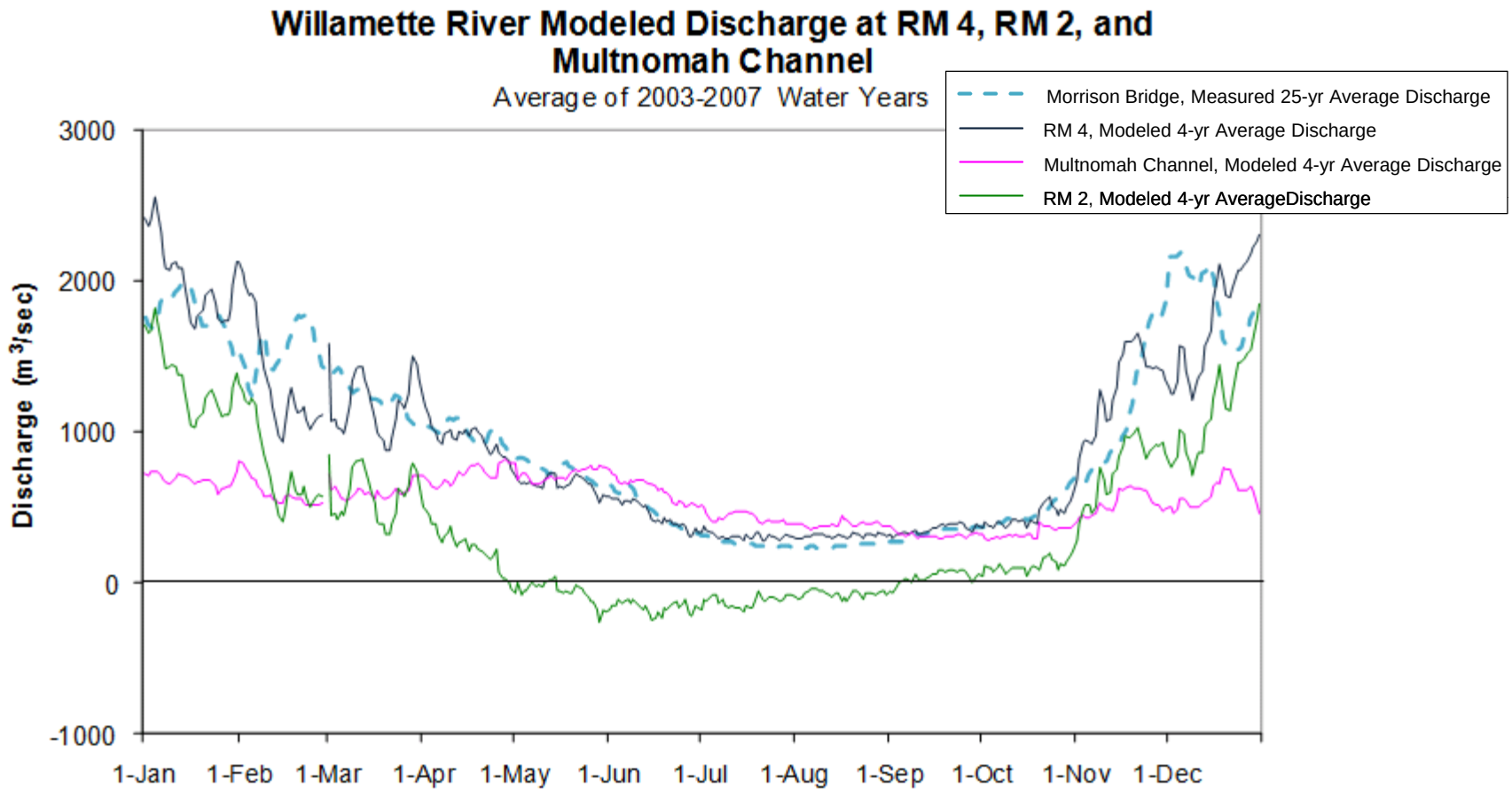
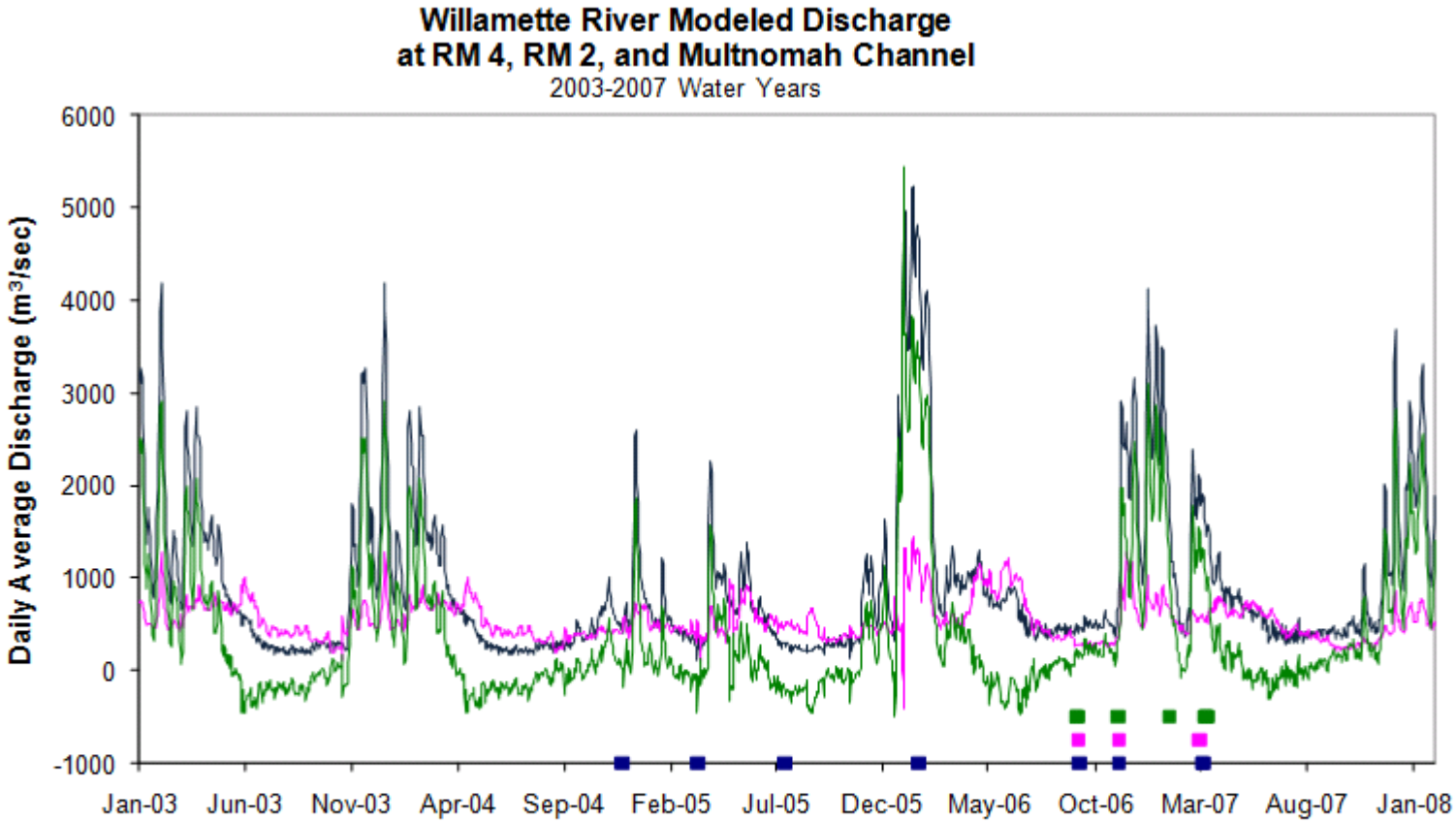


Figure 5.4-2d
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Average Daily Discharge for Willamette River (1972-2008)
and Daily Discharge during Surface Water Sampling Events by Day of
Year with Hyetograph of Precipitation Events (2007)



Note: Discharge values below 0 m³/sec indicate flow direction reversal from downstream to upstream.

Figure 5.4-3
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Willamette River Comparing Measured Average Daily Discharge with Modeled Average Daily Discharge at RM 4, RM 2, and Multnomah Channel by Day of Year (2003–2007)



Note: Discharge values below 0 m³/sec indicate flow direction reversal from downstream to upstream.

RM 4, Modeled Discharge
Multnomah Channel, Modeled Discharge
RM 2, Modeled Discharge
RM 2 Surface Water Sample Events
Multnomah Channel Surface Water Sampling Events
RM 4 Surface Water Sampling Events

Figure 5.4-4
Portland Harbor RI/FS
Remedial Investigation Report
Hydrograph of Willamette River Presenting Modeled Daily Average Discharge at RM 4, RM 2, and Multnomah Channel for Each Day During Period 2003–2007

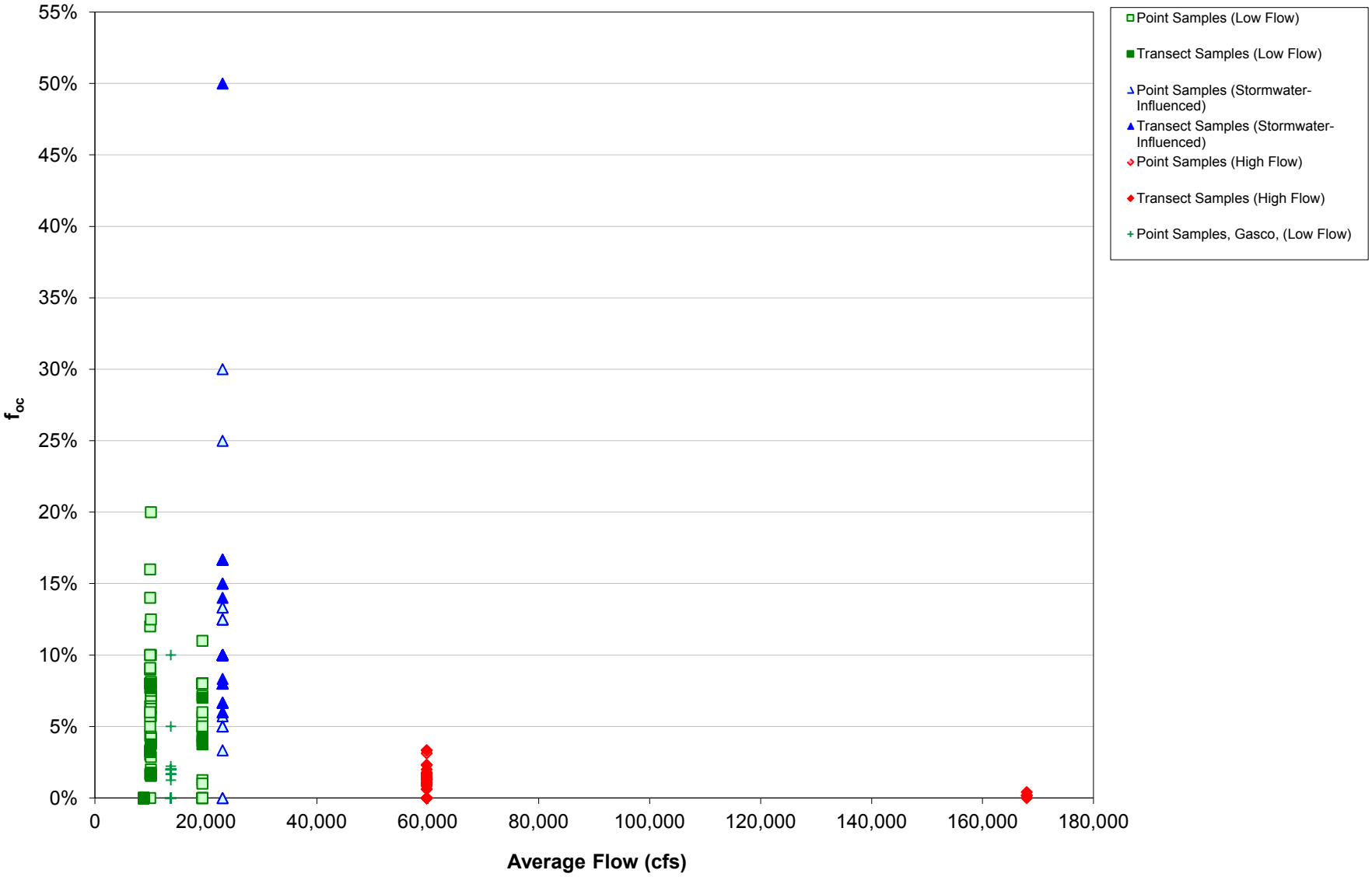


Figure 5.4-5
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Organic Carbon Content vs. Flow Rate in
Surface Water, RM 2-16 (Peristaltic)

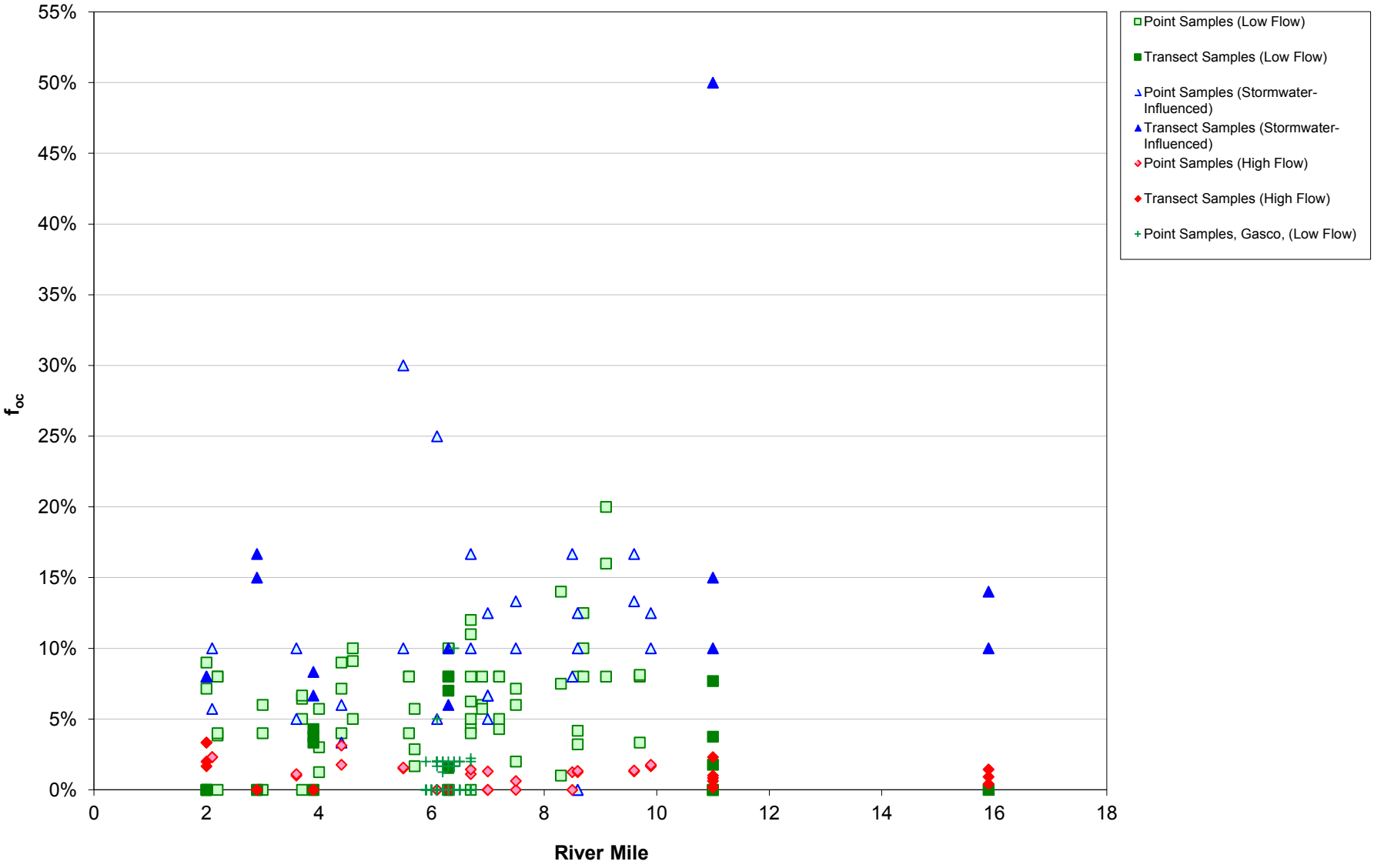


Figure 5.4-6
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Organic Carbon Content vs. River Mile in
Surface Water, RM 2-16 (Peristaltic)

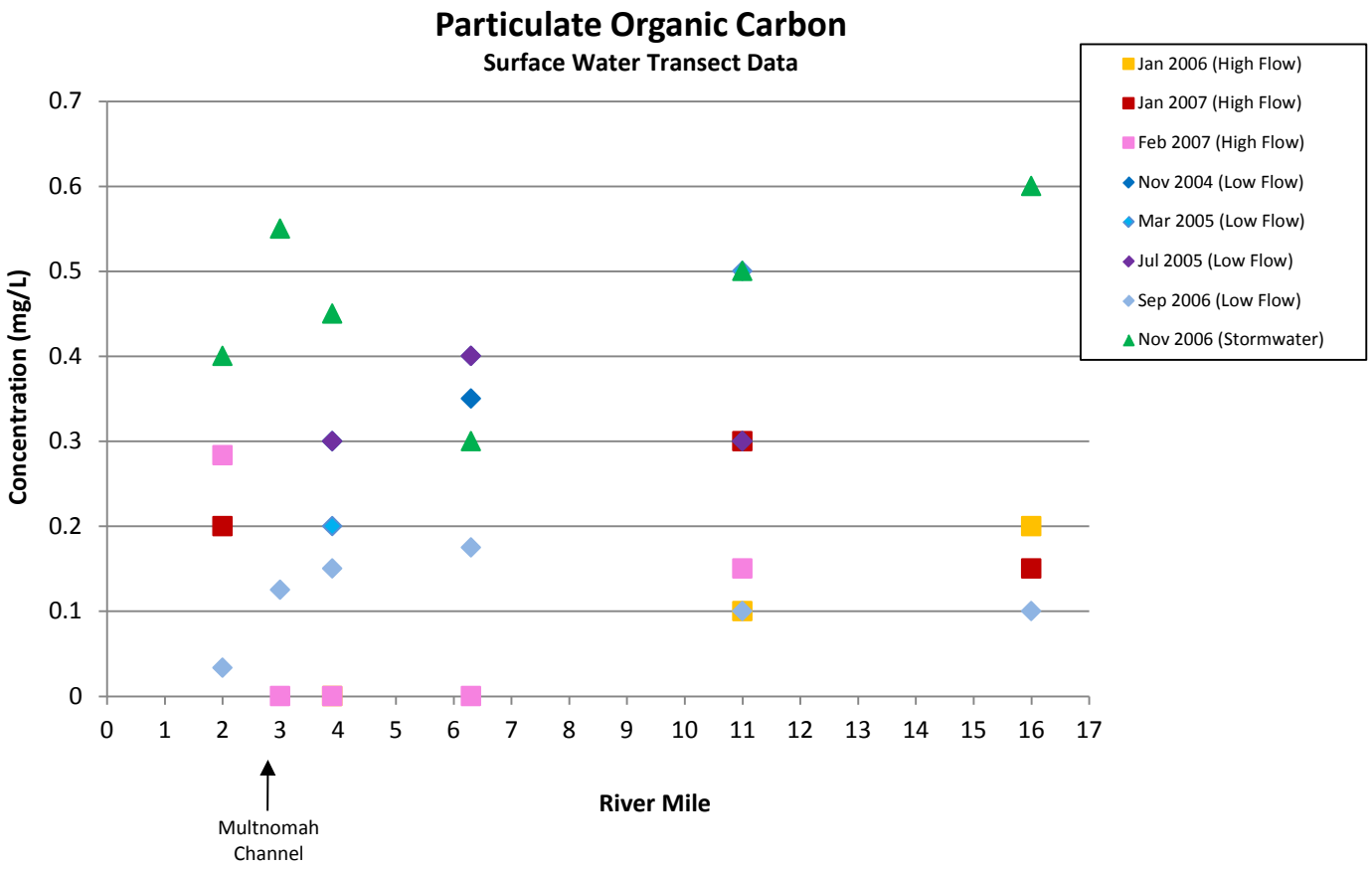


Figure 5.4-7
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Concentration at Surface Water Transect Stations by Sample Event –Particulate Organic Carbon

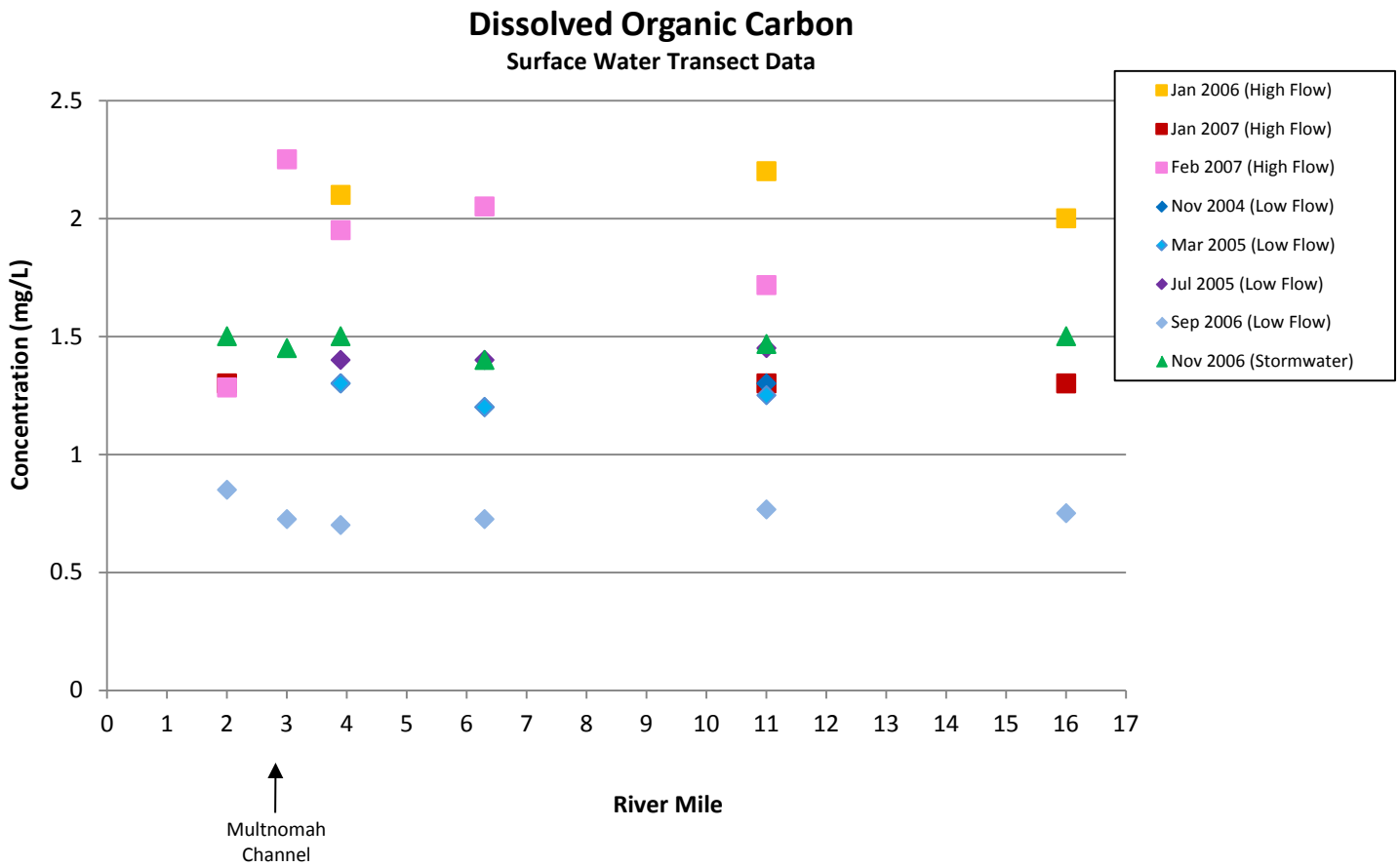


Figure 5.4-8
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Concentration at Surface Water Transect
Stations by Sample Event –Dissolved Organic Carbon

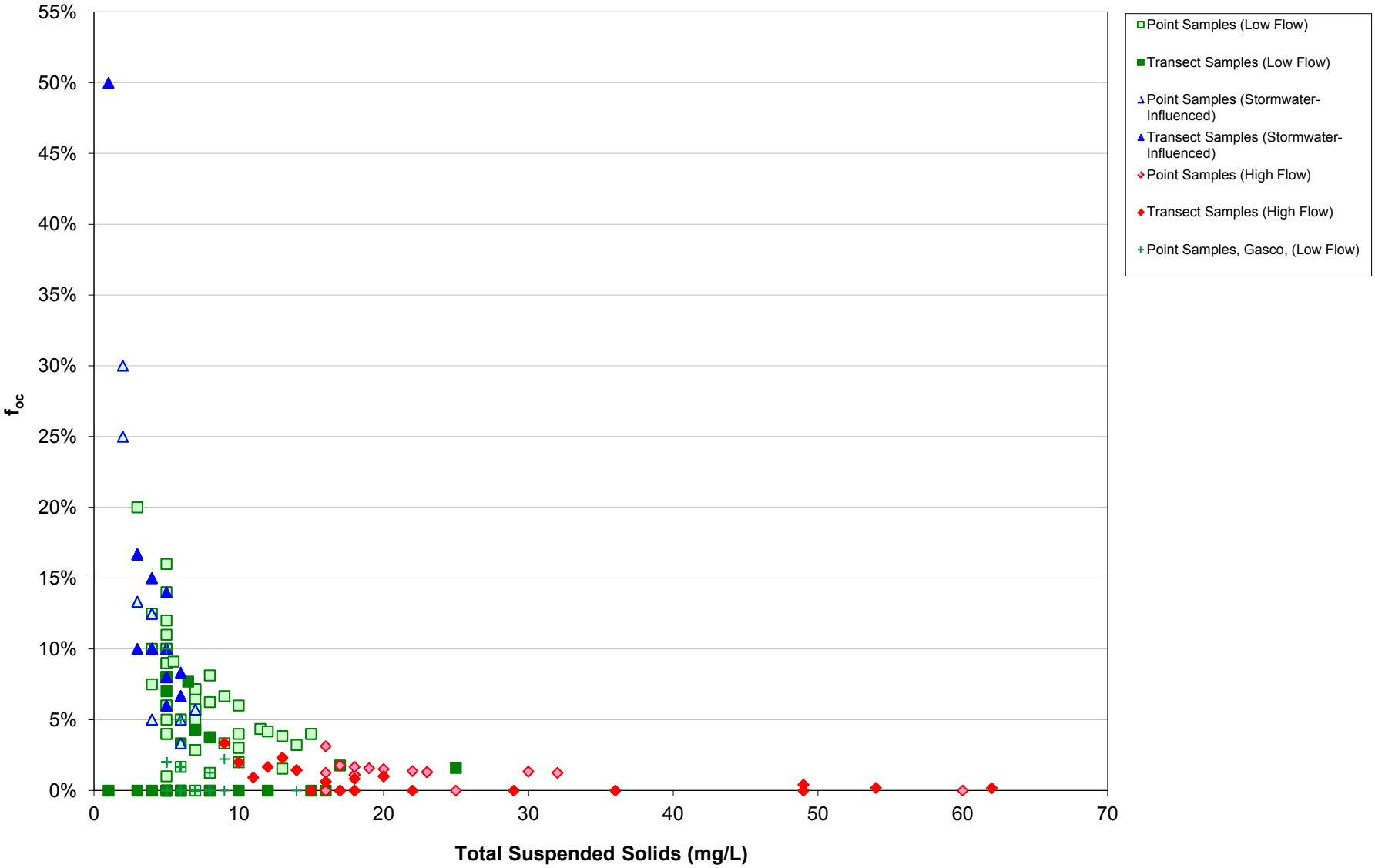
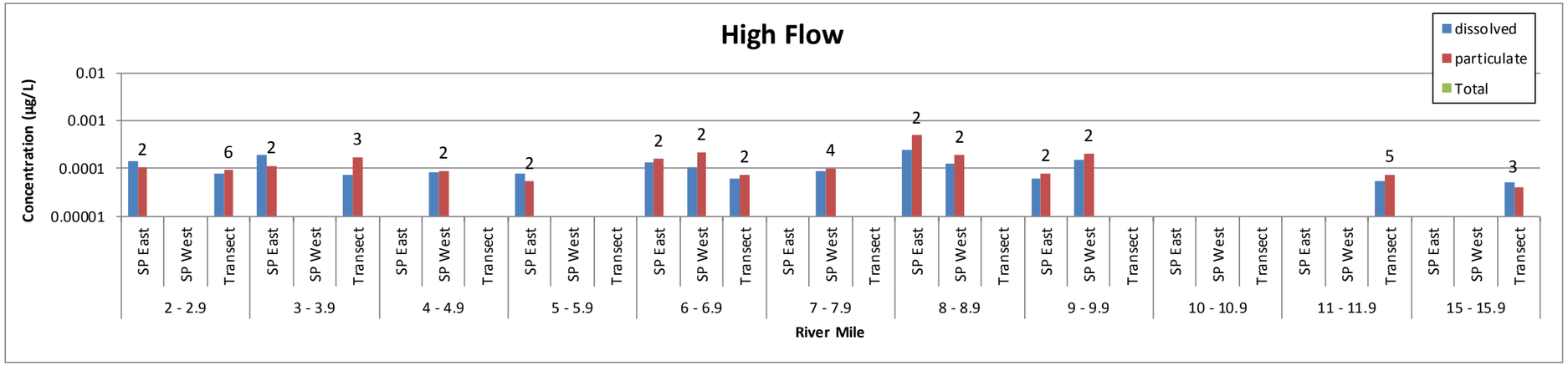
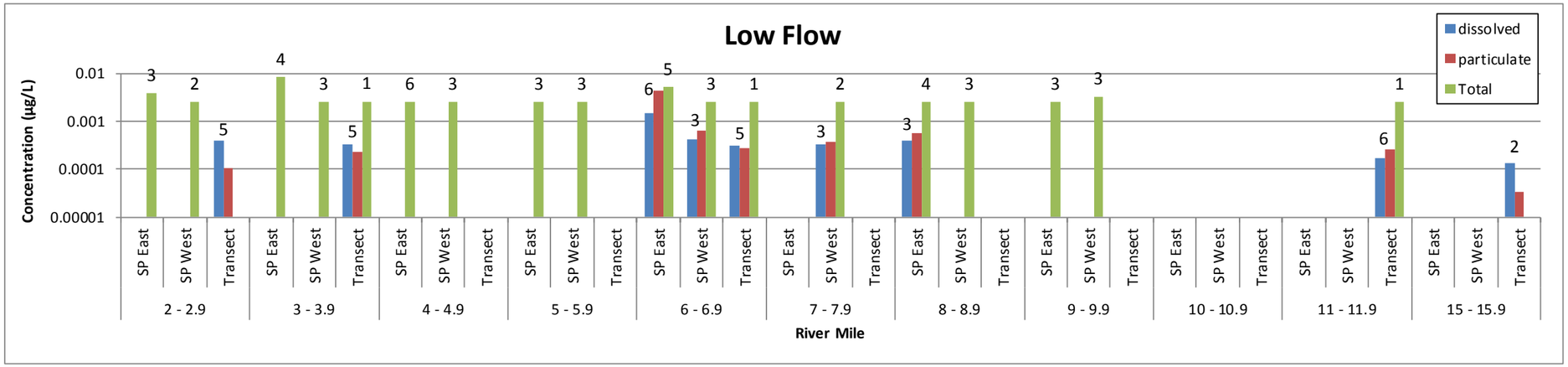


Figure 5.4-9
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Organic Carbon Content vs. Total Suspended Solids
Concentrations in Surface Water, RM 2-16 (Peristaltic)





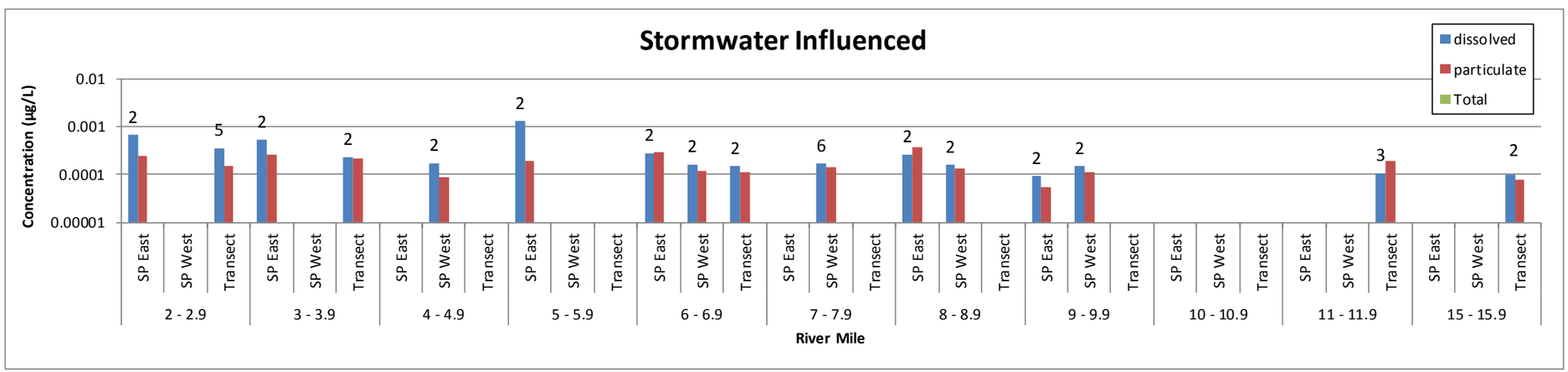


Figure 5.4-10
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Total PCBs
Concentrations in Surface Water by Flow Event (RM 2-16)

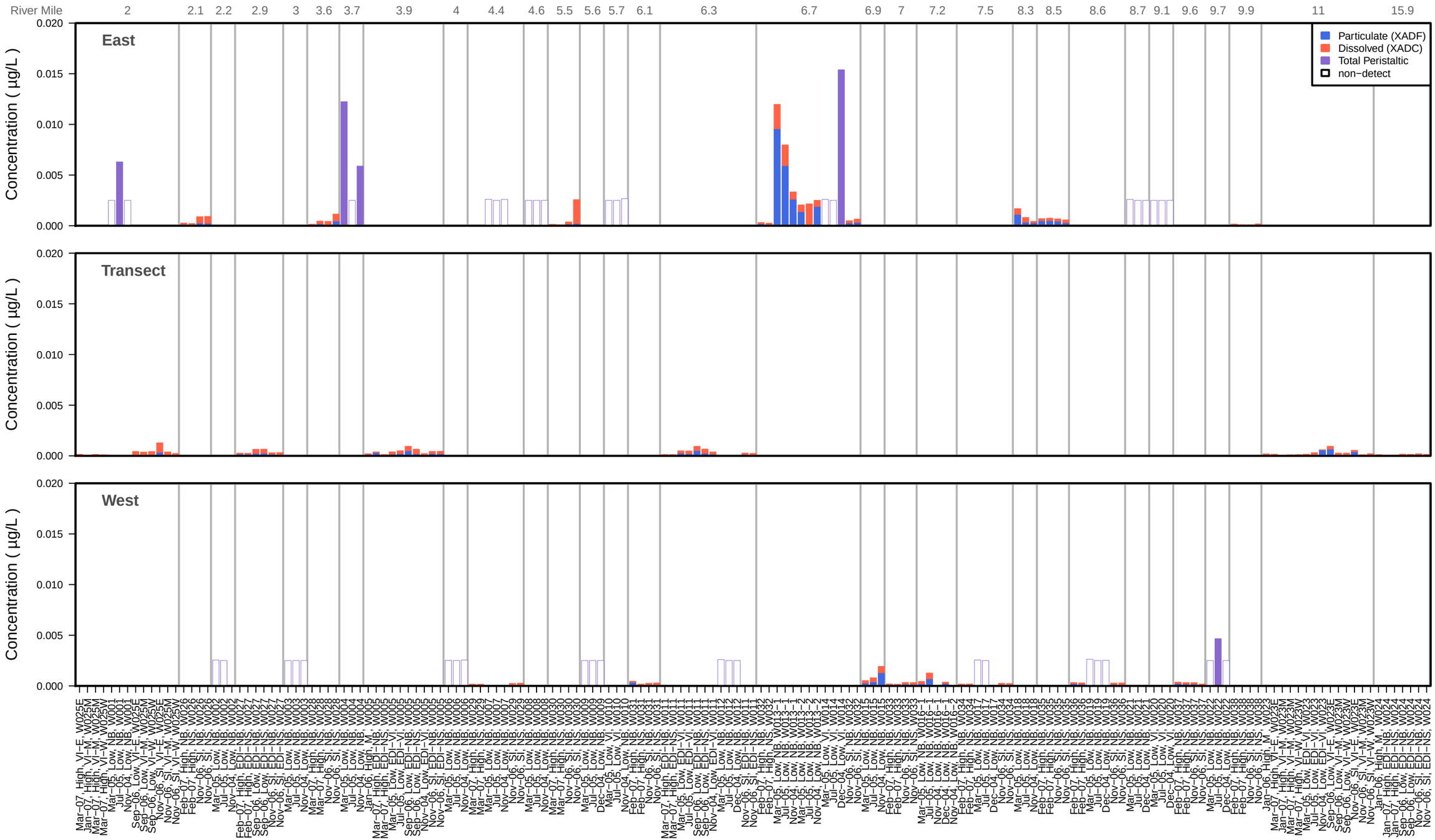


Figure 5.4−11a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total PCBs Concentrations in Surface Water, RM 2−16

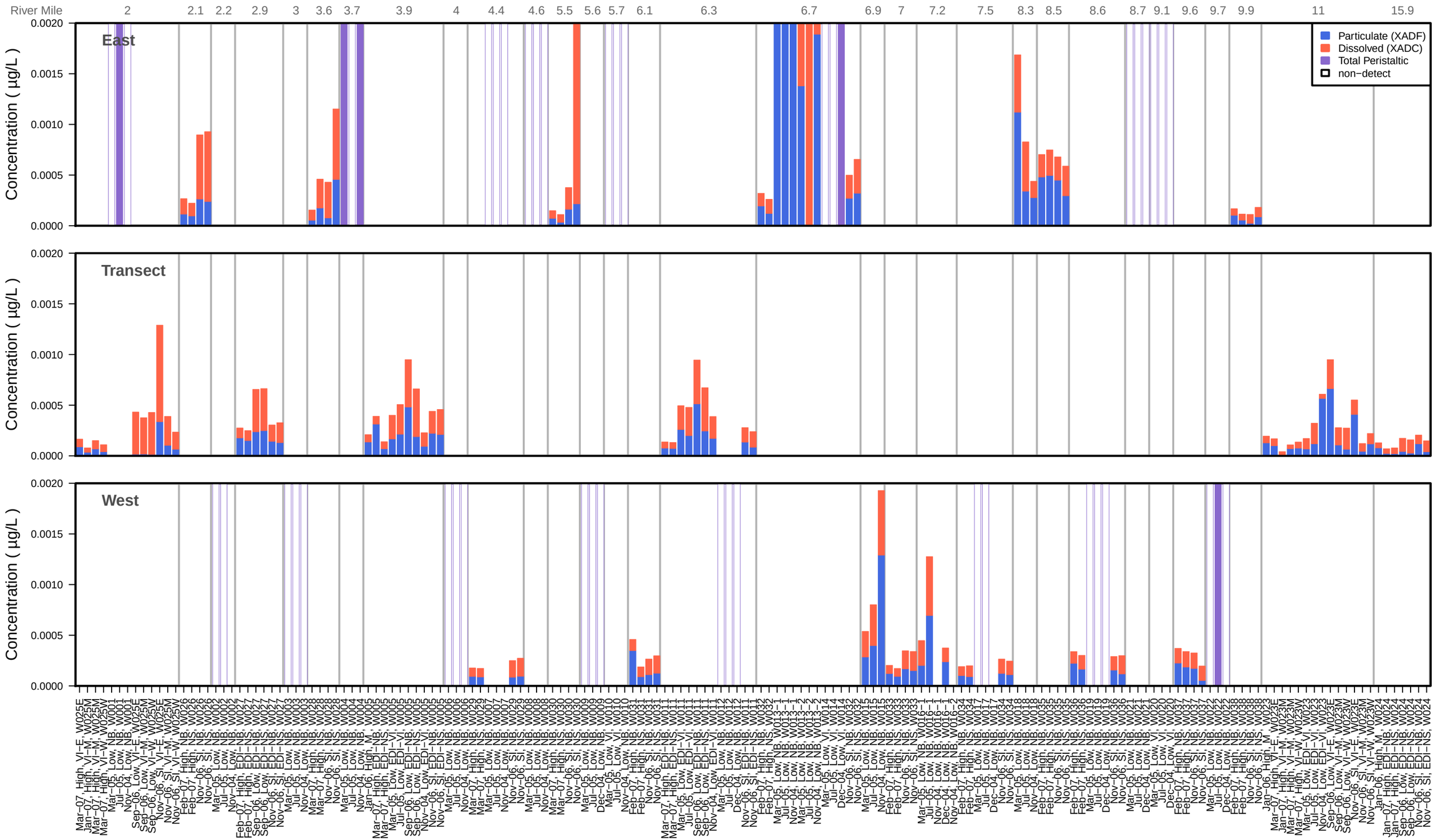


Figure 5.4−11b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total PCBs Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

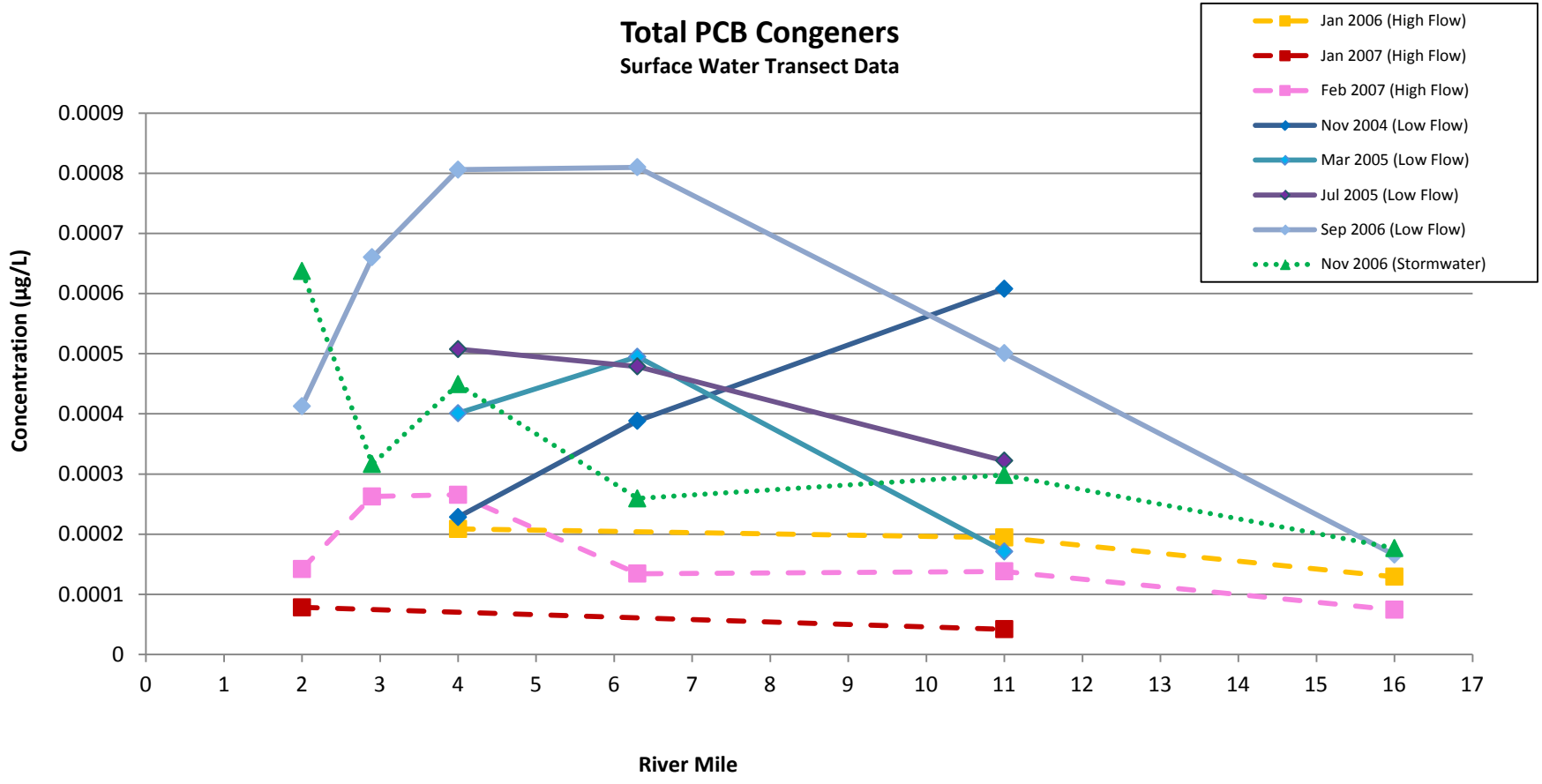


Figure 5.4-12
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Total PCBs Concentrations in
Surface Water by River Mile (RM 2–16)

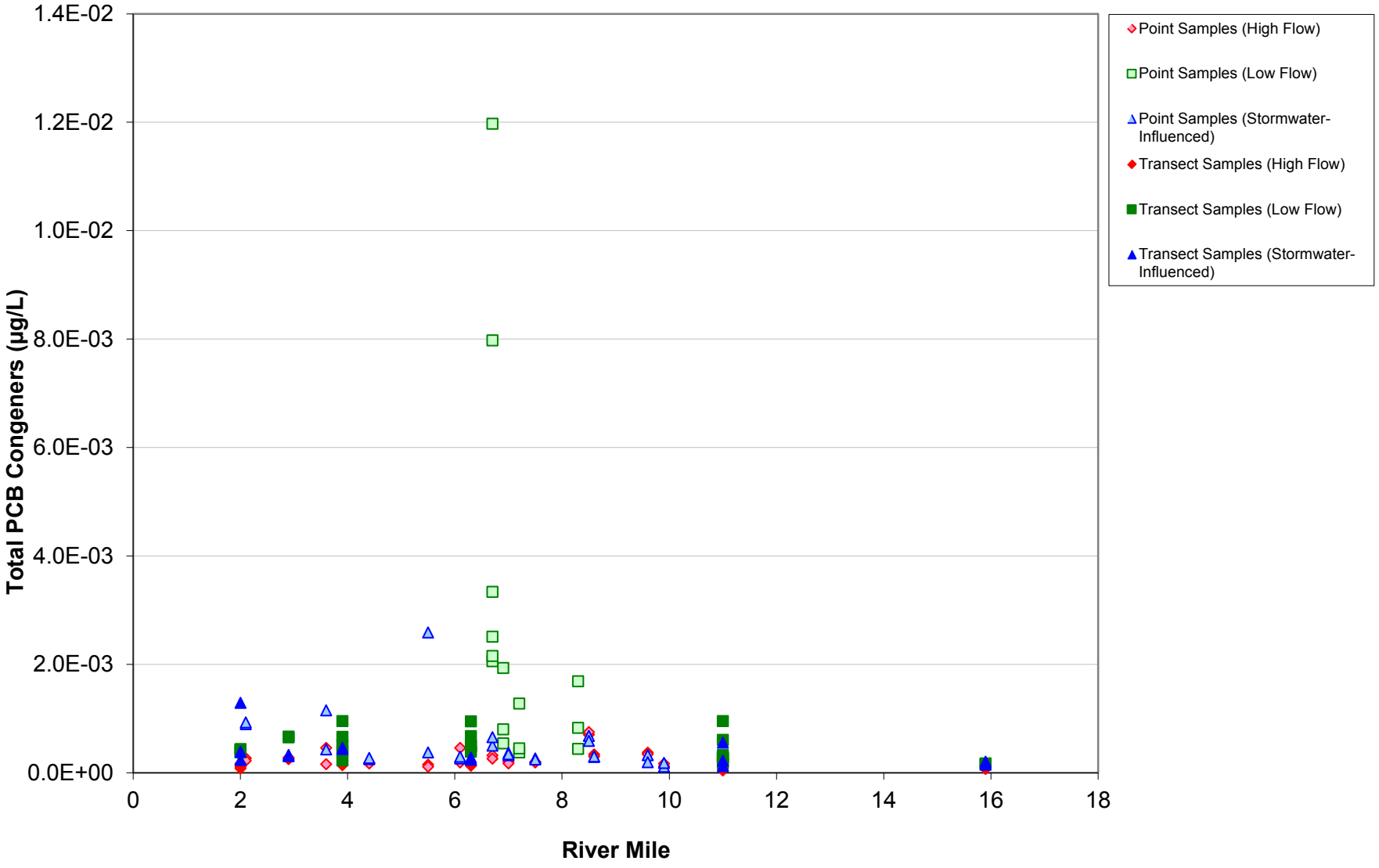


Figure 5.4-13a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total PCBs Concentrations in Surface Water by River Mile (RM 2-16)

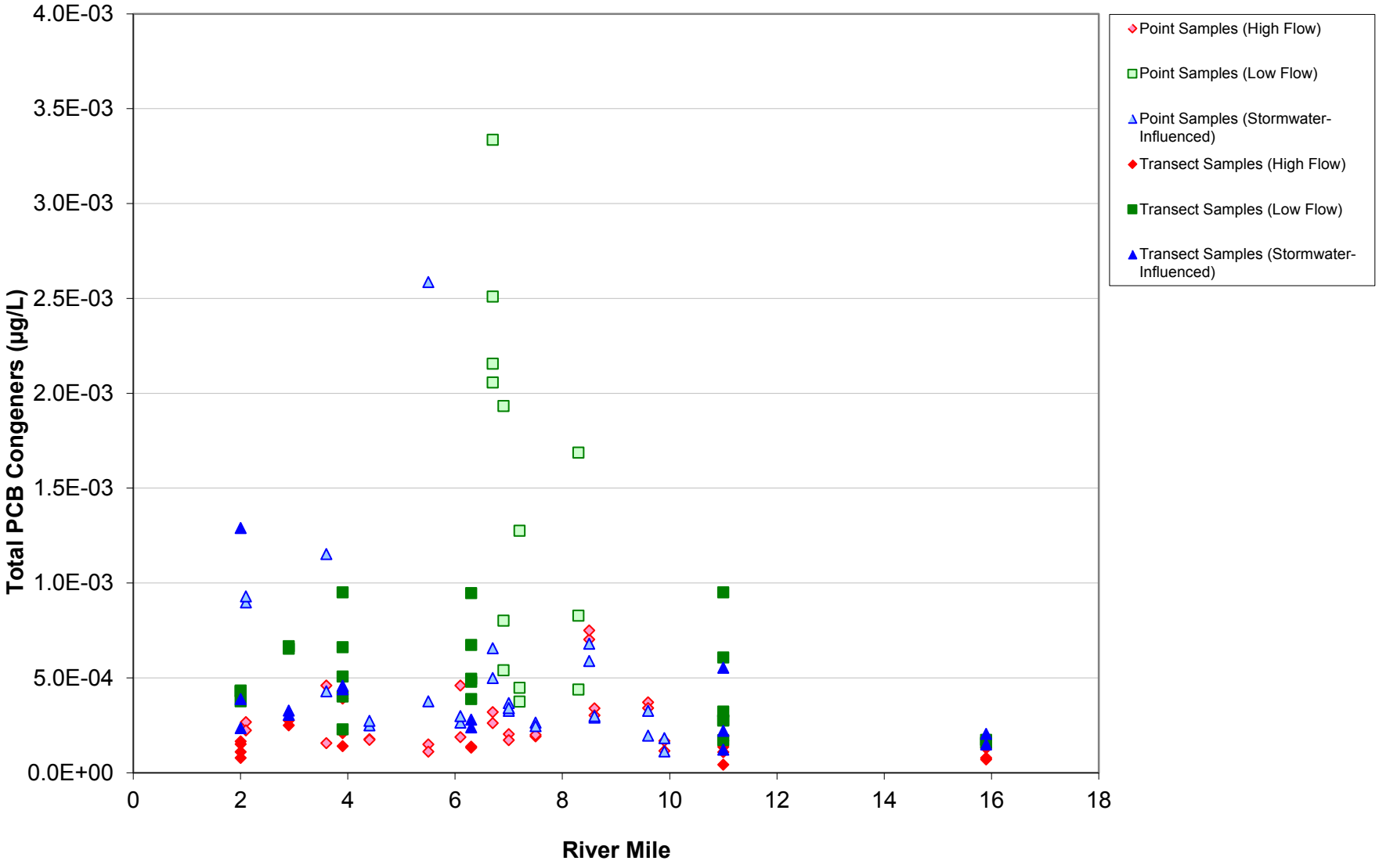
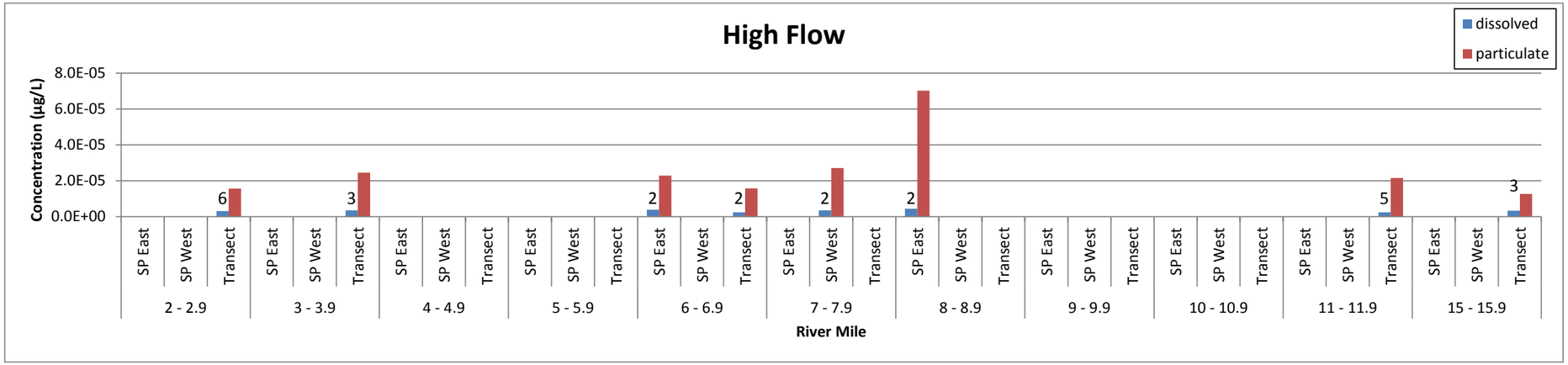
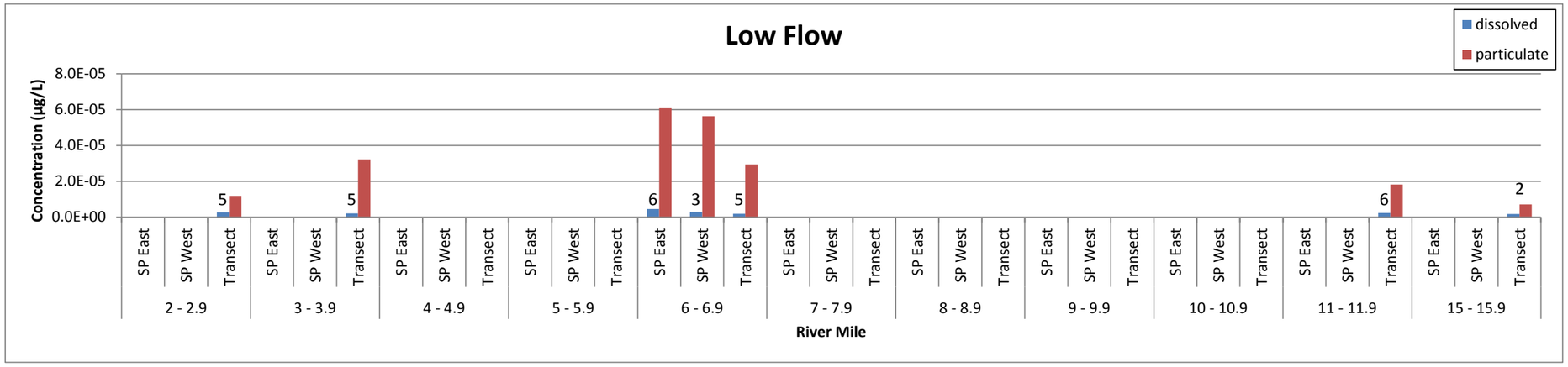


Figure 5.4-13b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total PCBs Concentrations in Surface Water by River Mile (RM 2-16), Scale Zoom





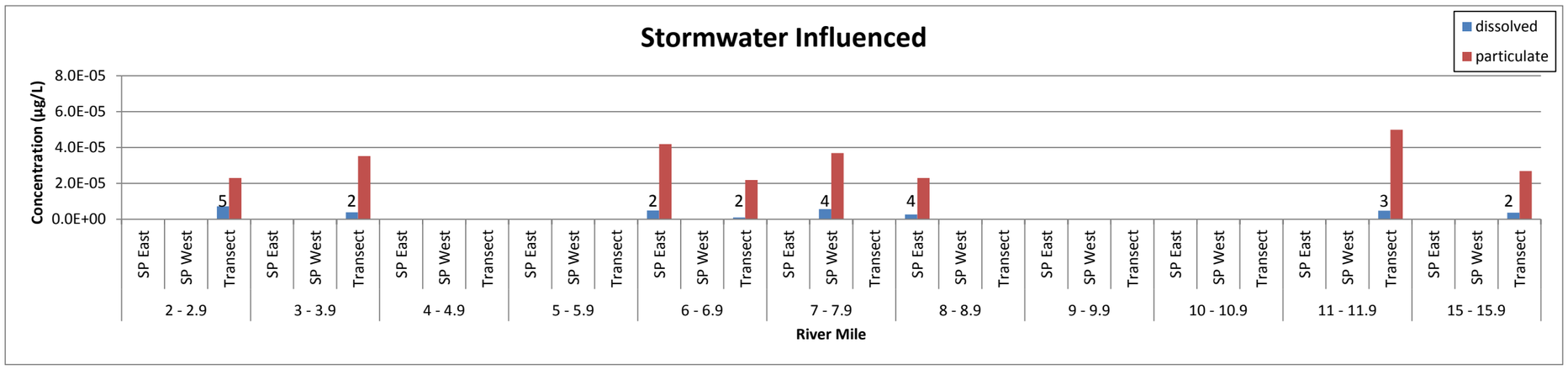


Figure 5.4-14
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Total PCDD/Fs
Concentrations in Surface Water by Flow Event (RM 2-16)

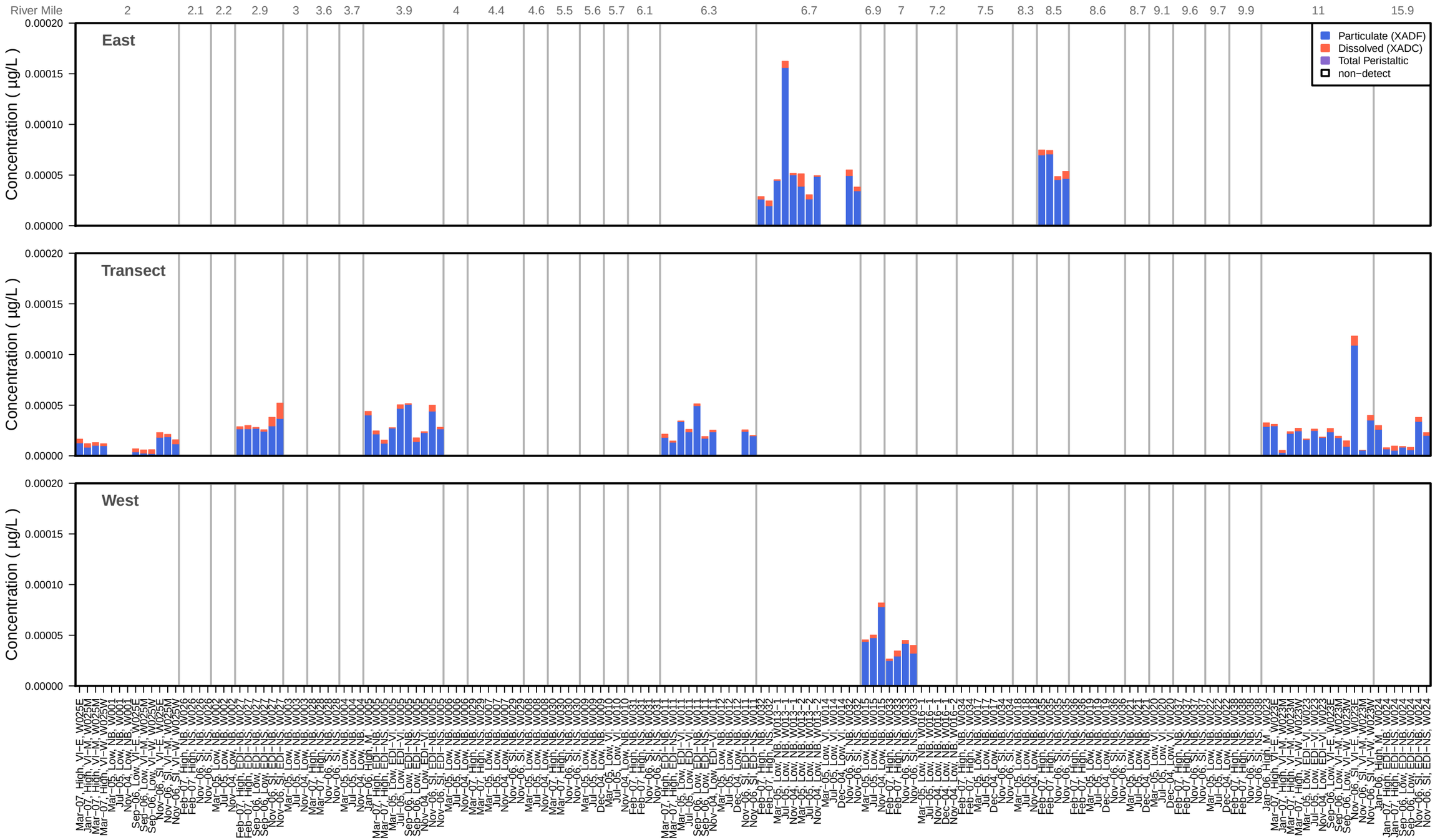


Figure 5.4−15
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total PCDD/Fs Concentrations in Surface Water, RM 2−16

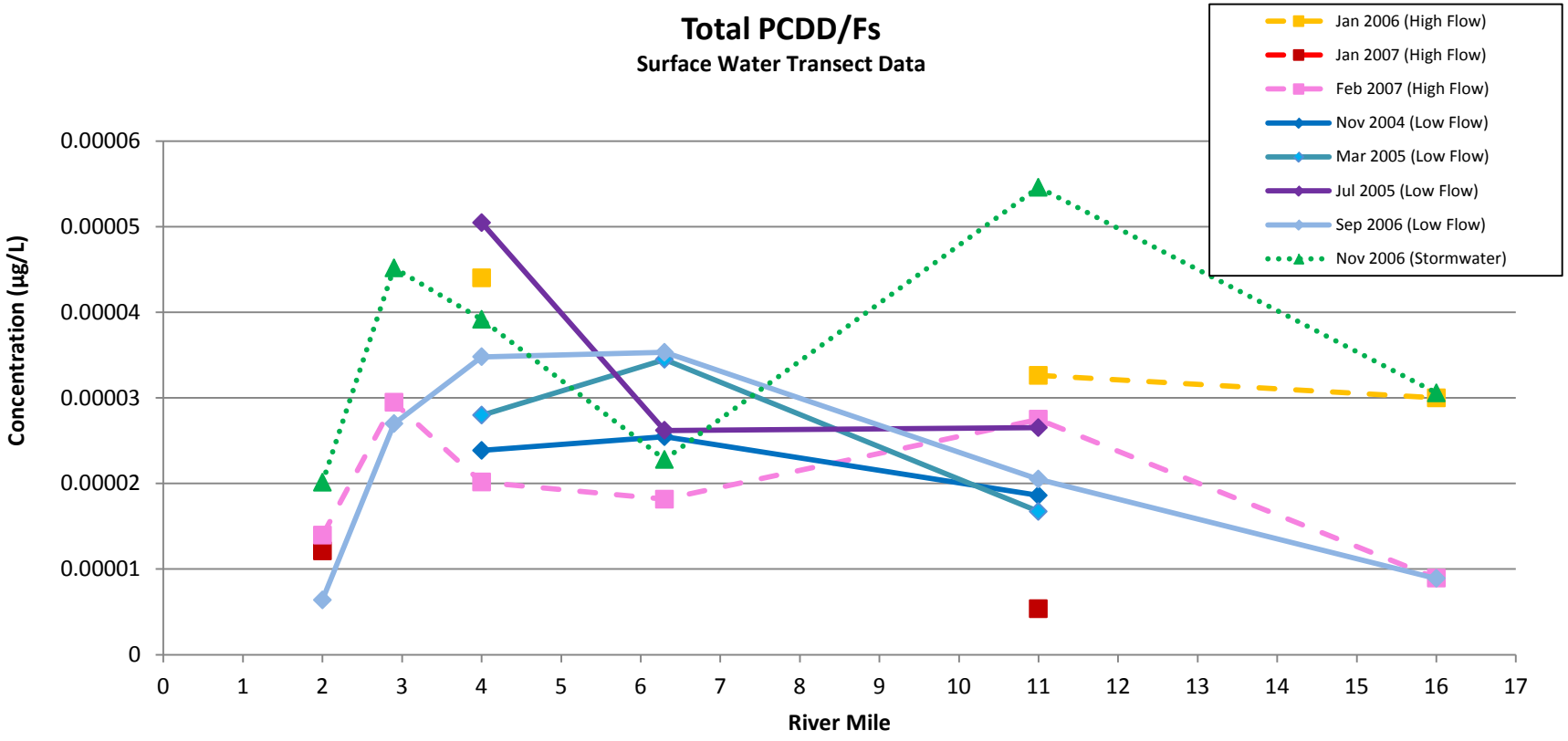


Figure 5.4-16
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Total PCDD/Fs Concentrations in
Surface Water by River Mile (RM 2–16)

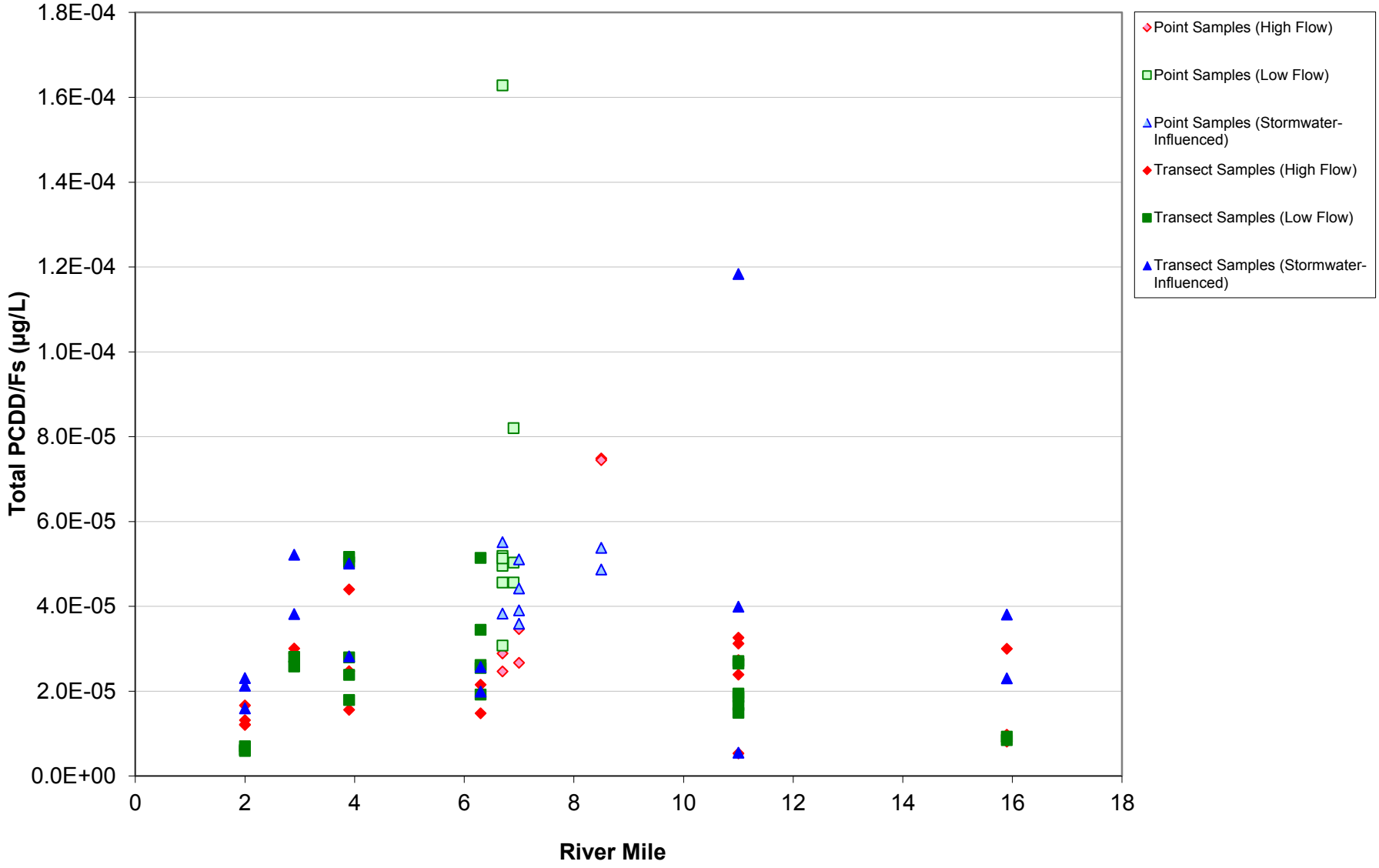
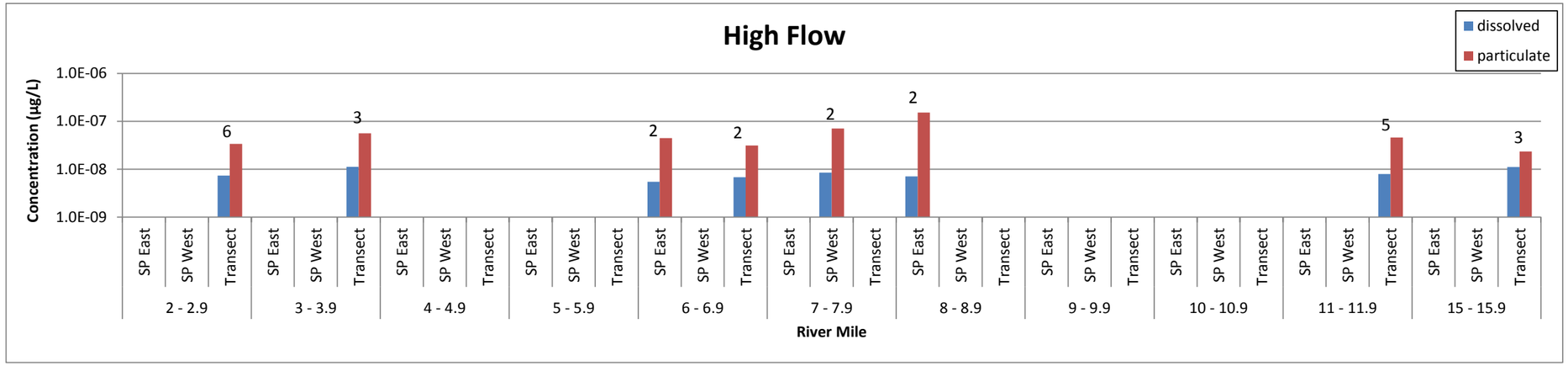
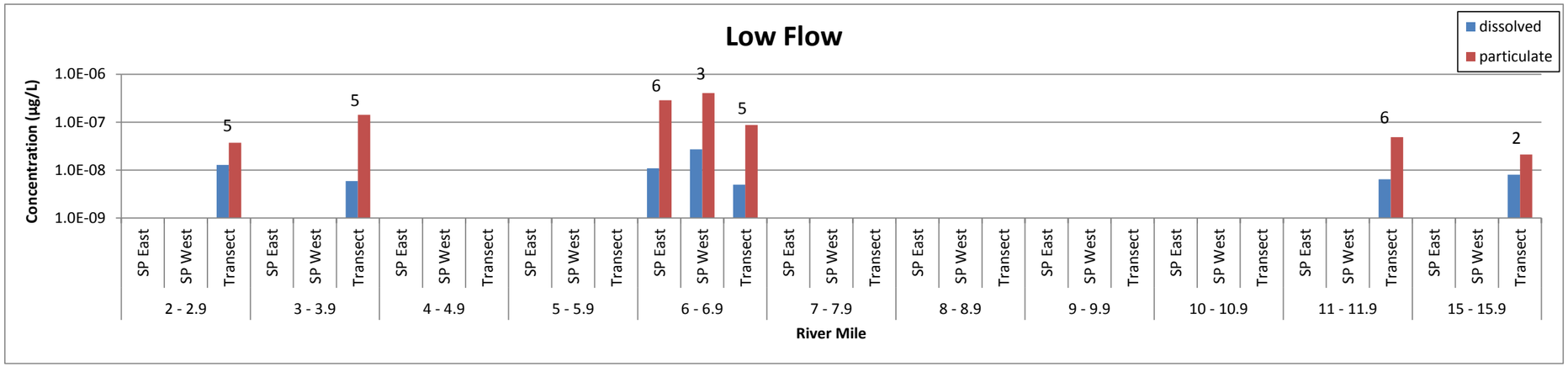


Figure 5.4-17
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total PCDD/Fs Concentrations in Surface Water by River Mile (RM 2-16)





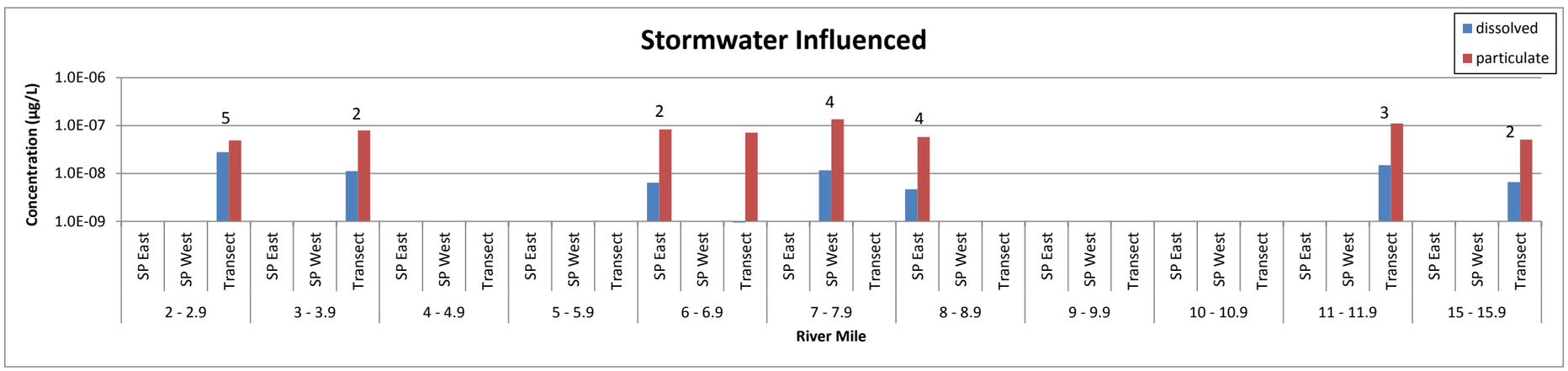


Figure 5.4-18
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point TCDD TEQ
Concentrations in Surface Water by Flow Event (RM 2-16)

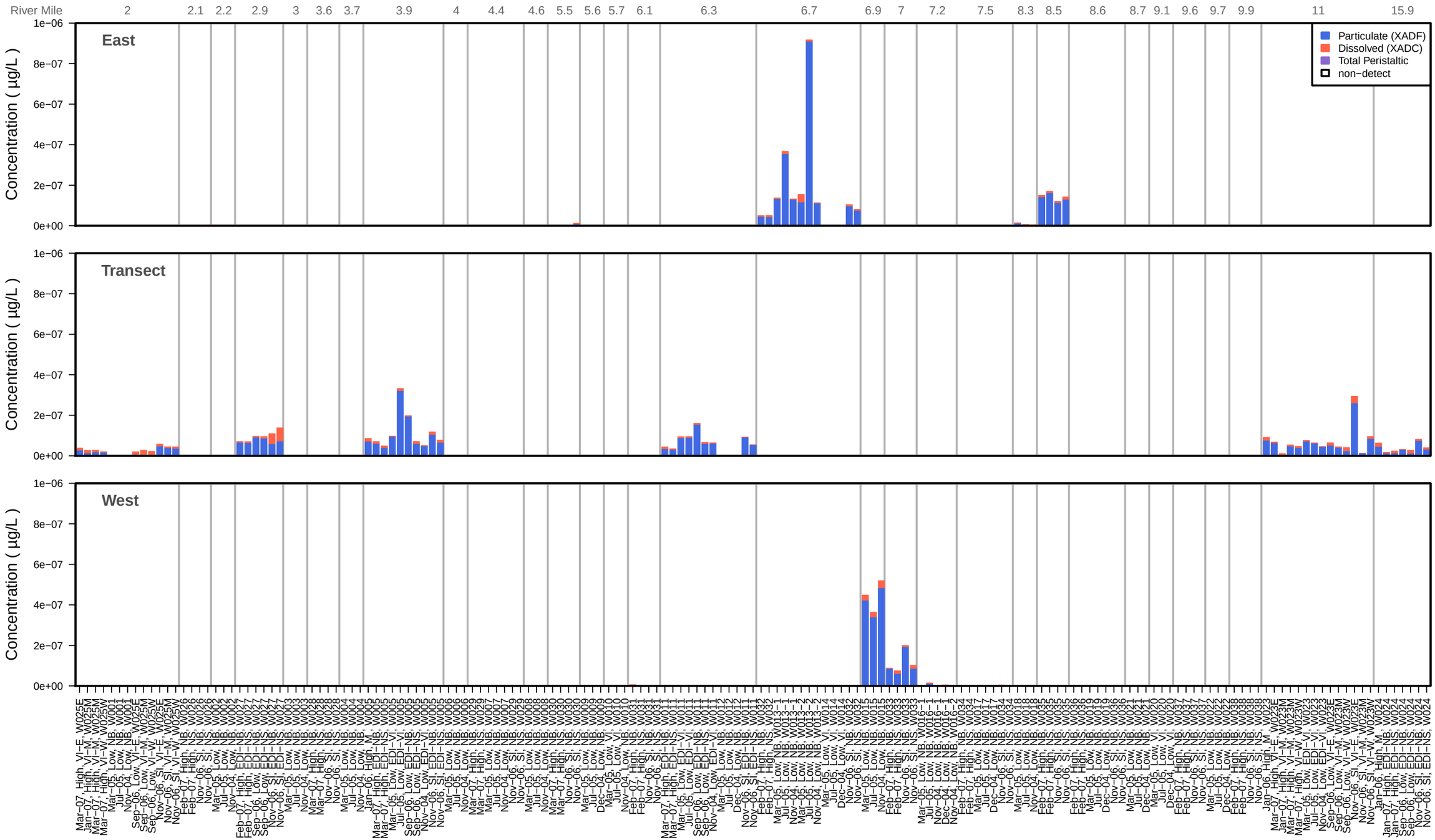


Figure 5.4−19a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of TCDD TEQ Concentrations in Surface Water, RM 2−16

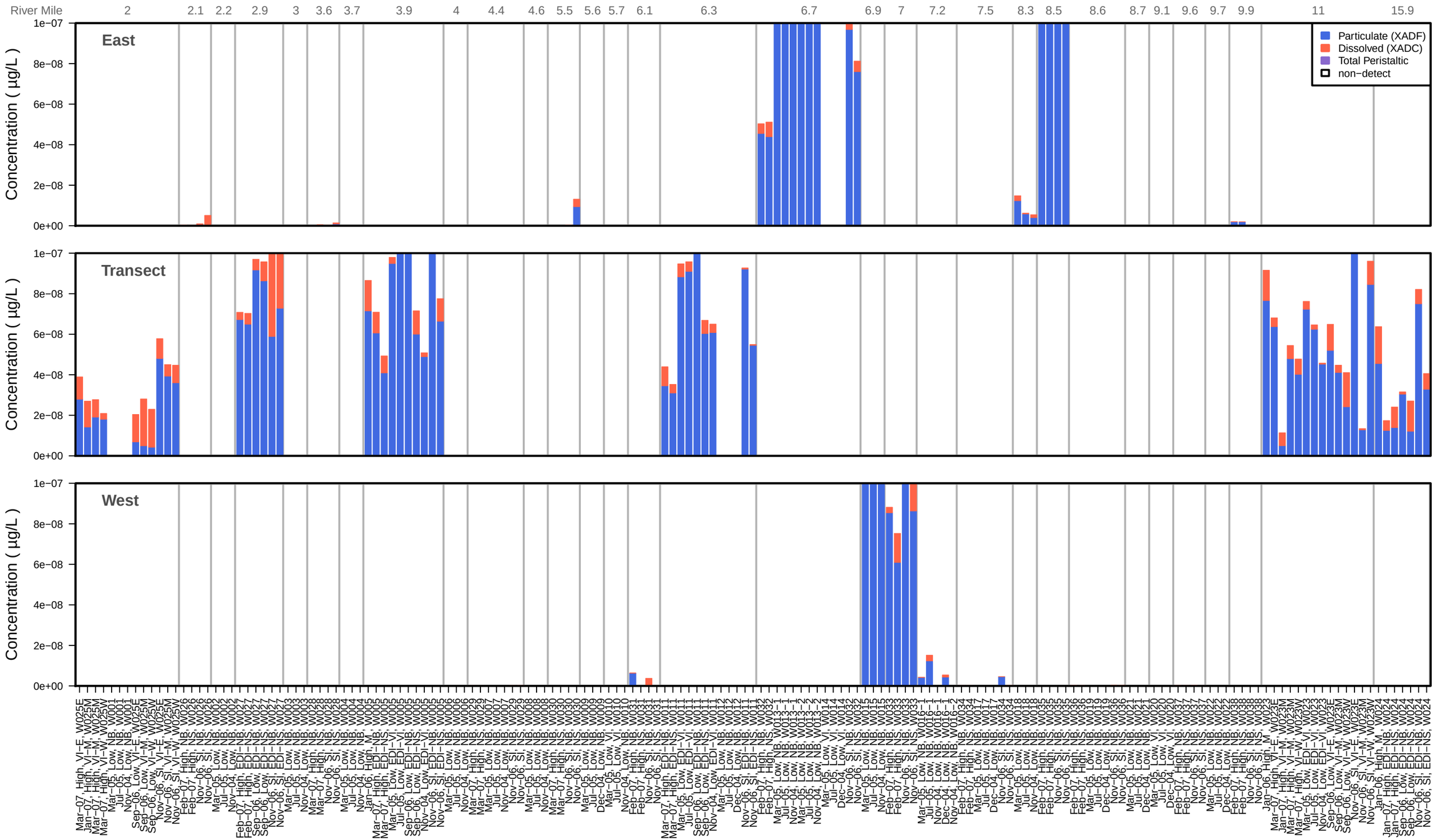
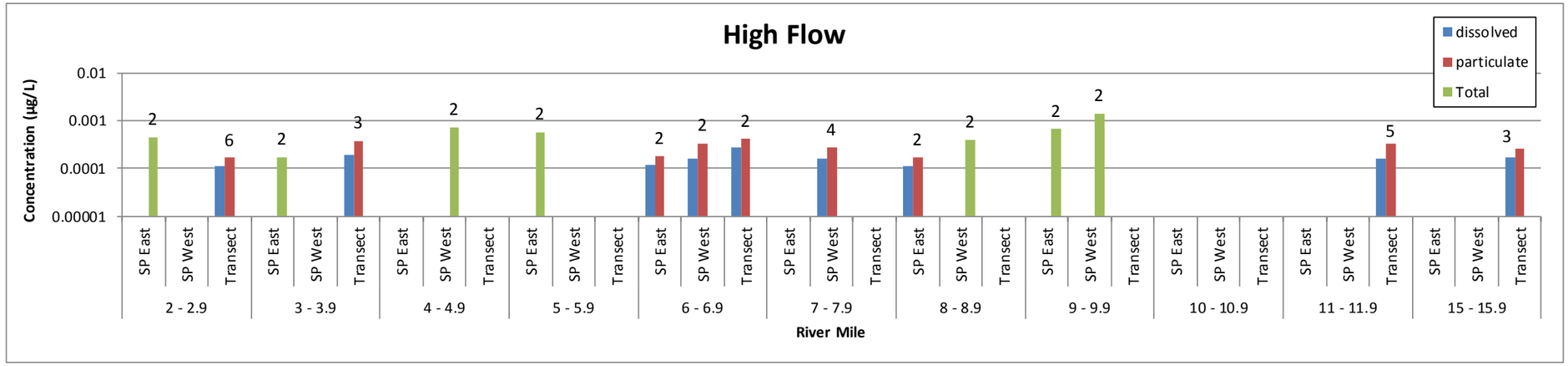
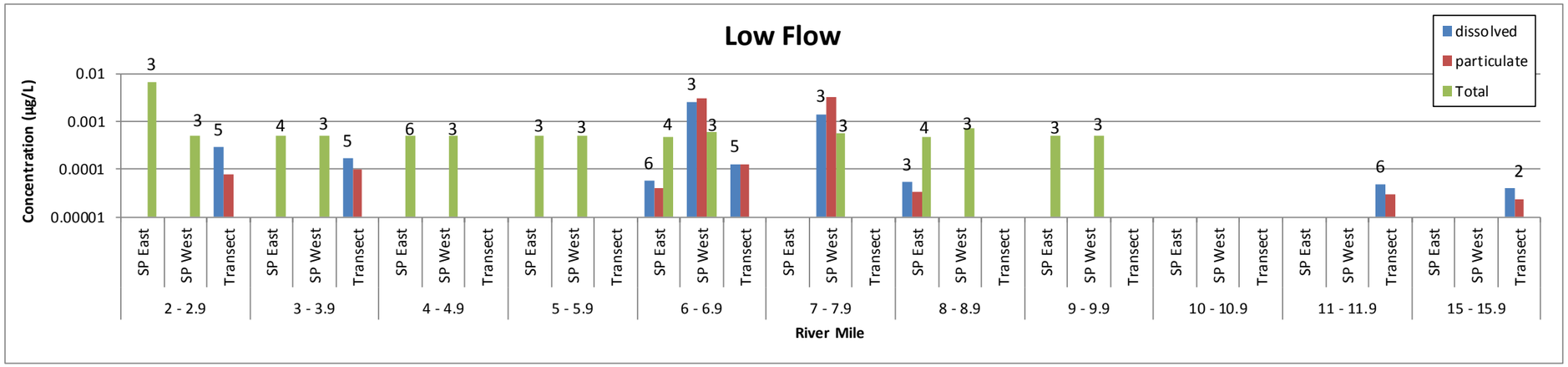


Figure 5.4−19b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of TCDD TEQ Concentrations in Surface Water, RM 2−16 (Scale Zoomed)





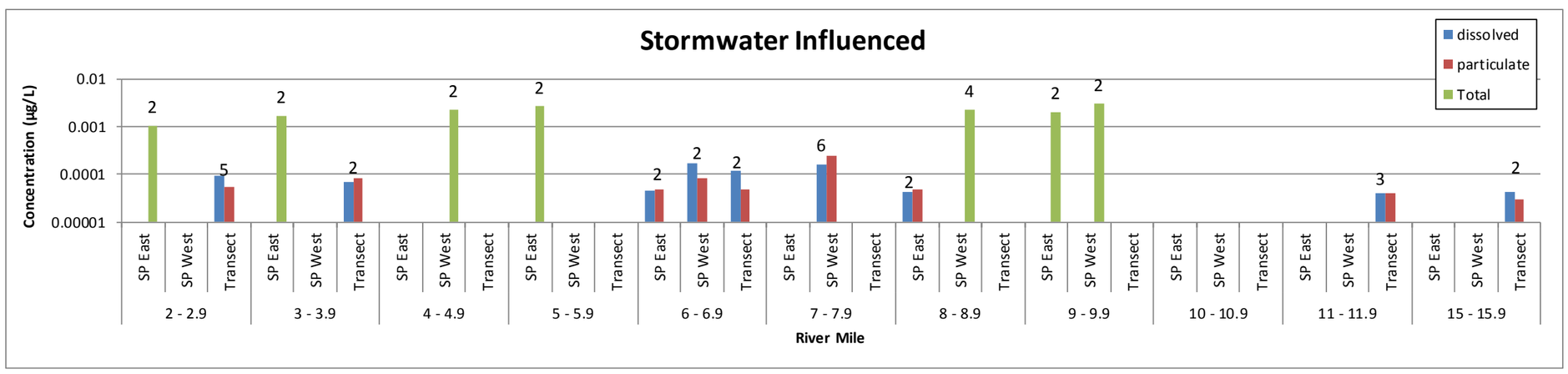


Figure 5.4-20
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Total DDx
Concentrations in Surface Water by Flow Event (RM 2-16)

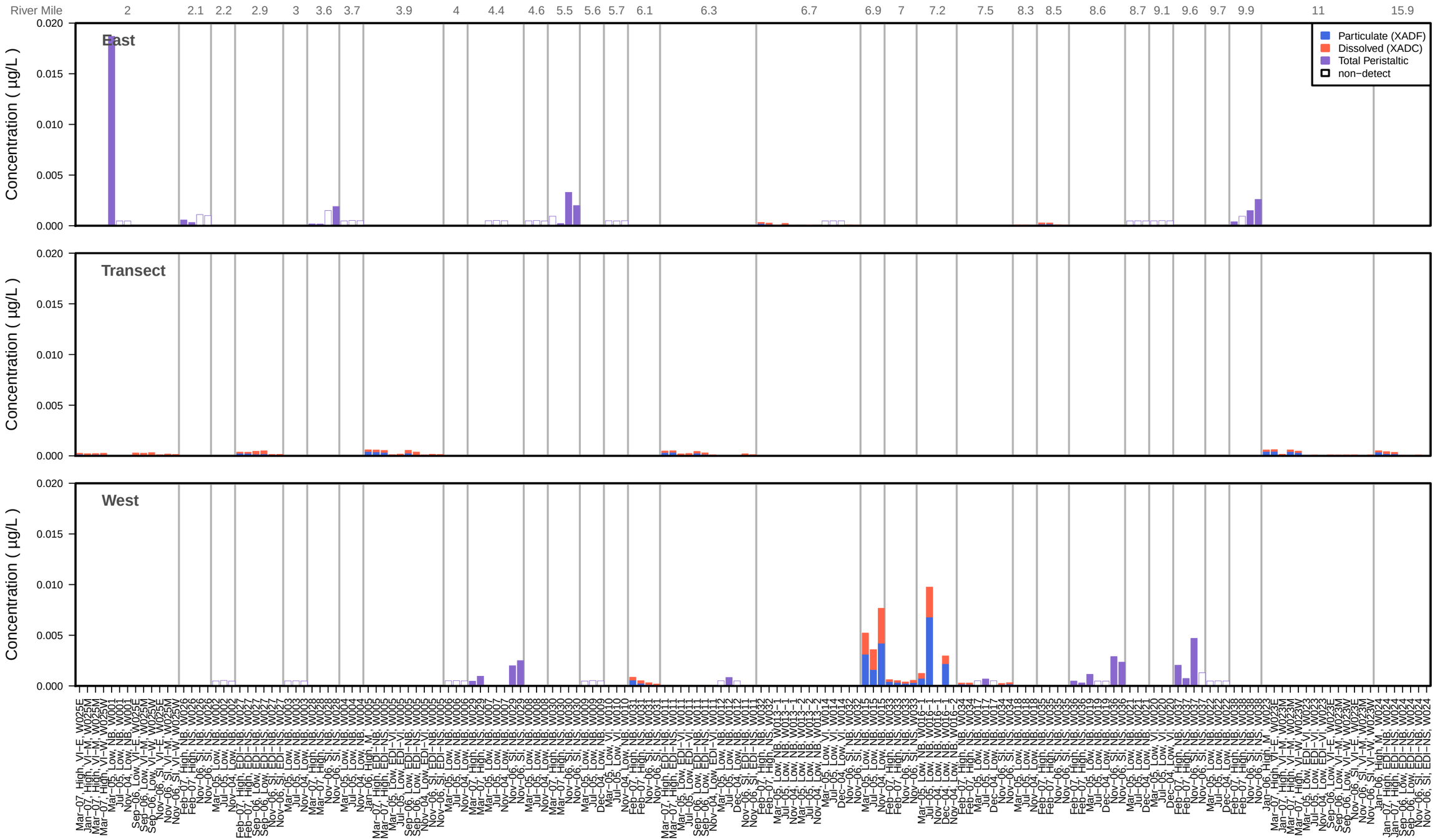


Figure 5.4−21a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total DDx Concentrations in Surface Water, RM 2−16

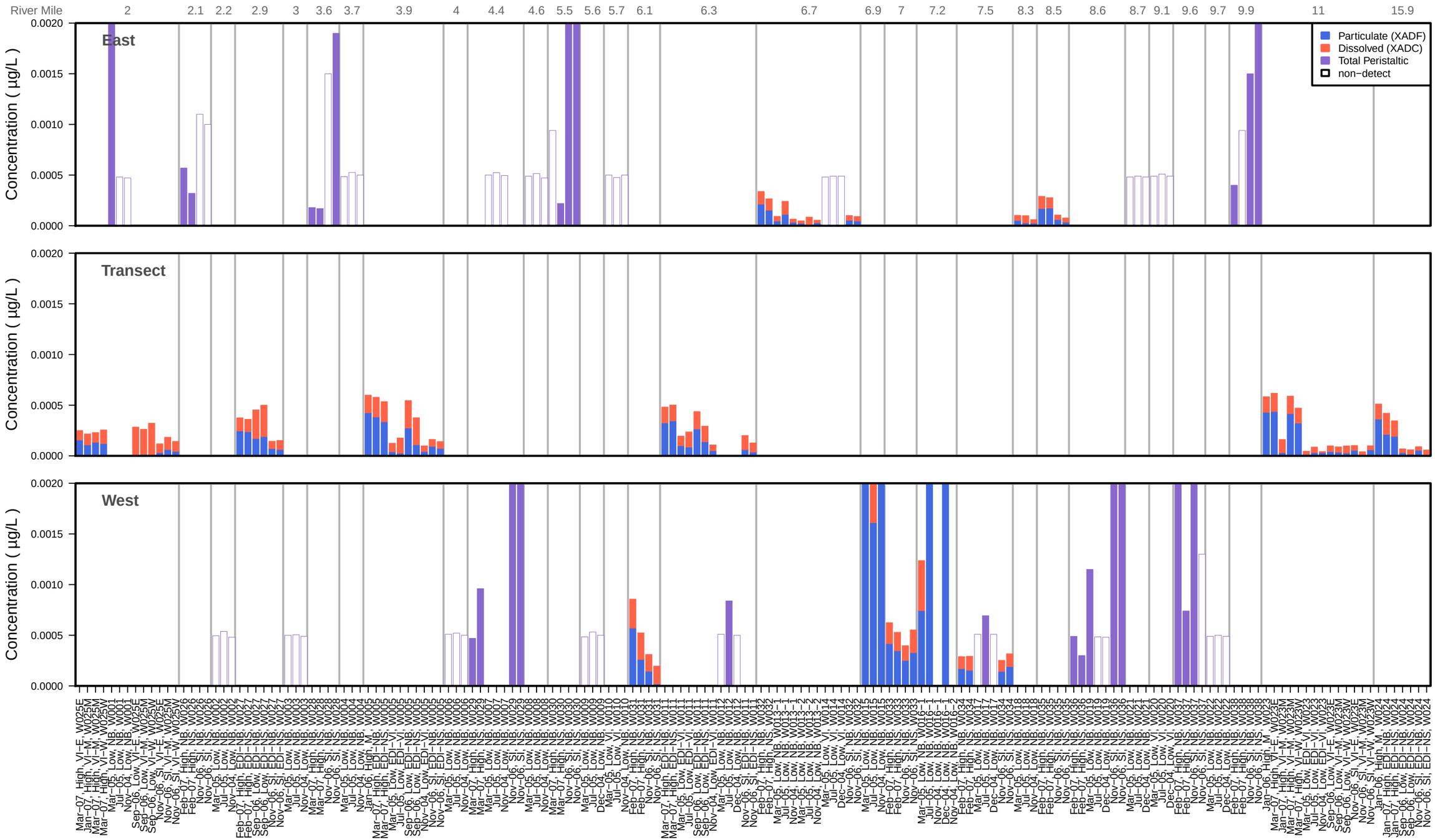


Figure 5.4−21b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total DDx Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

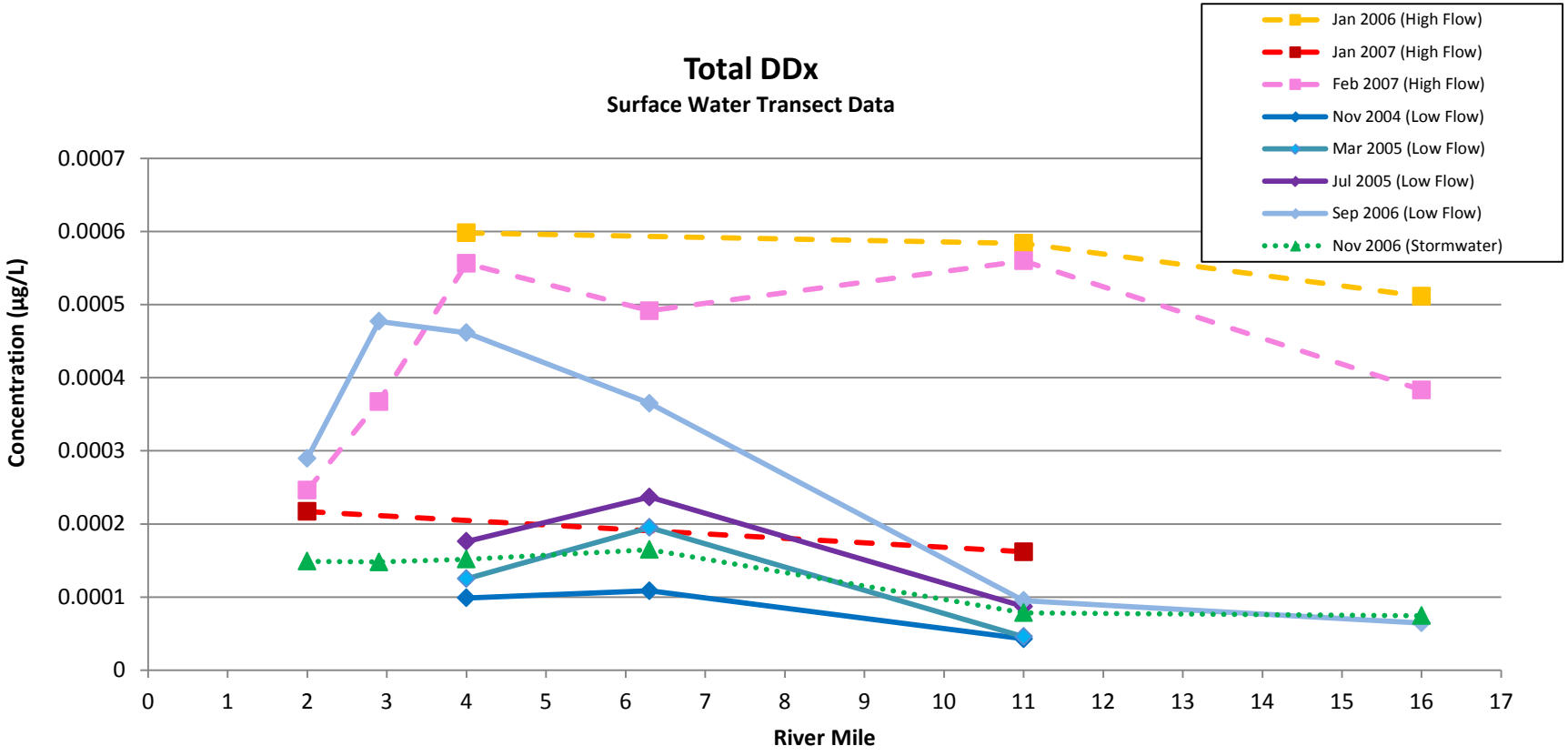


Figure 5.4-22
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Total DDx Concentrations in
Surface Water by River Mile (RM 2–16)

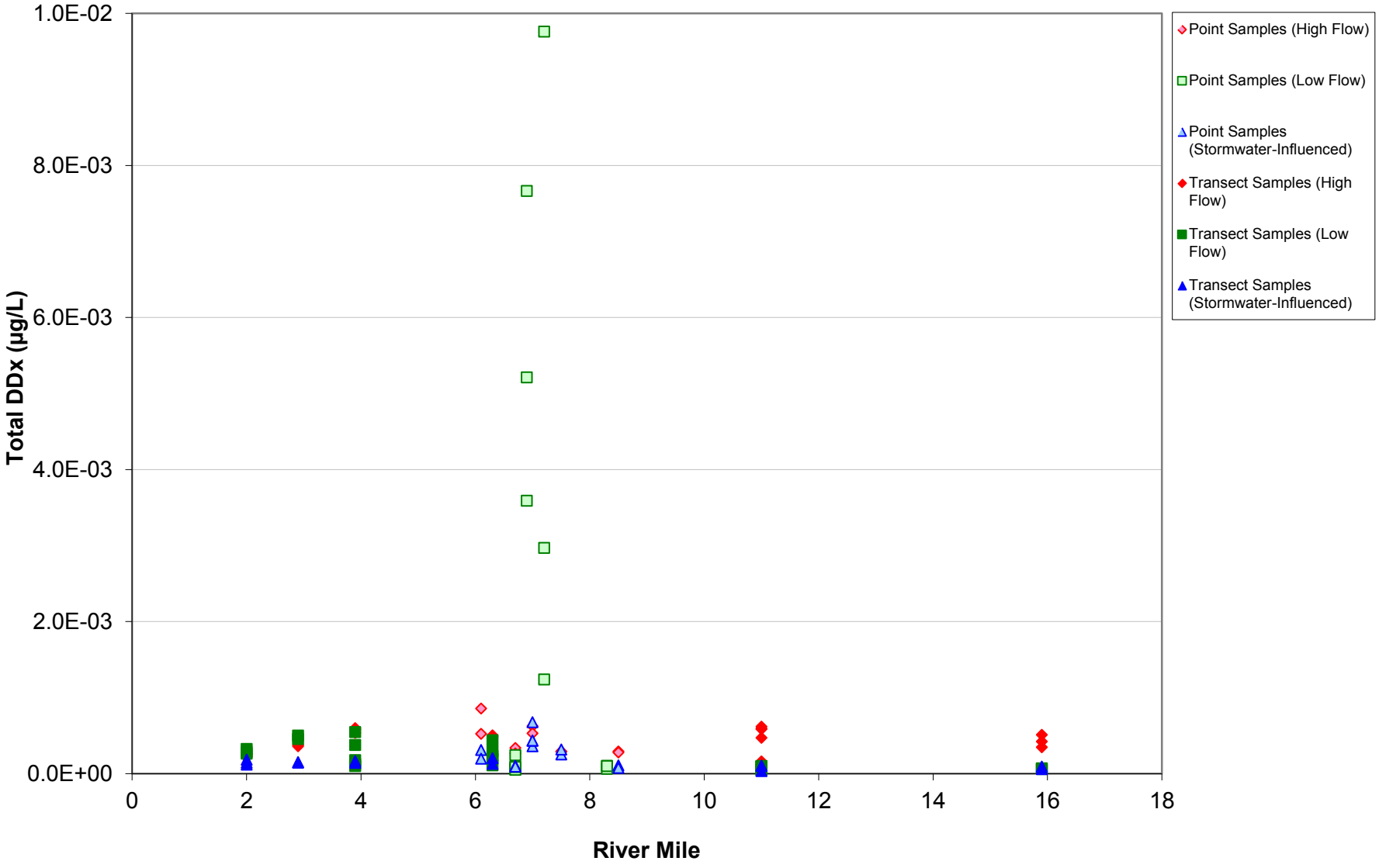


Figure 5.4-23a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total DDx Concentrations in
Surface Water by River Mile (RM 2-16)

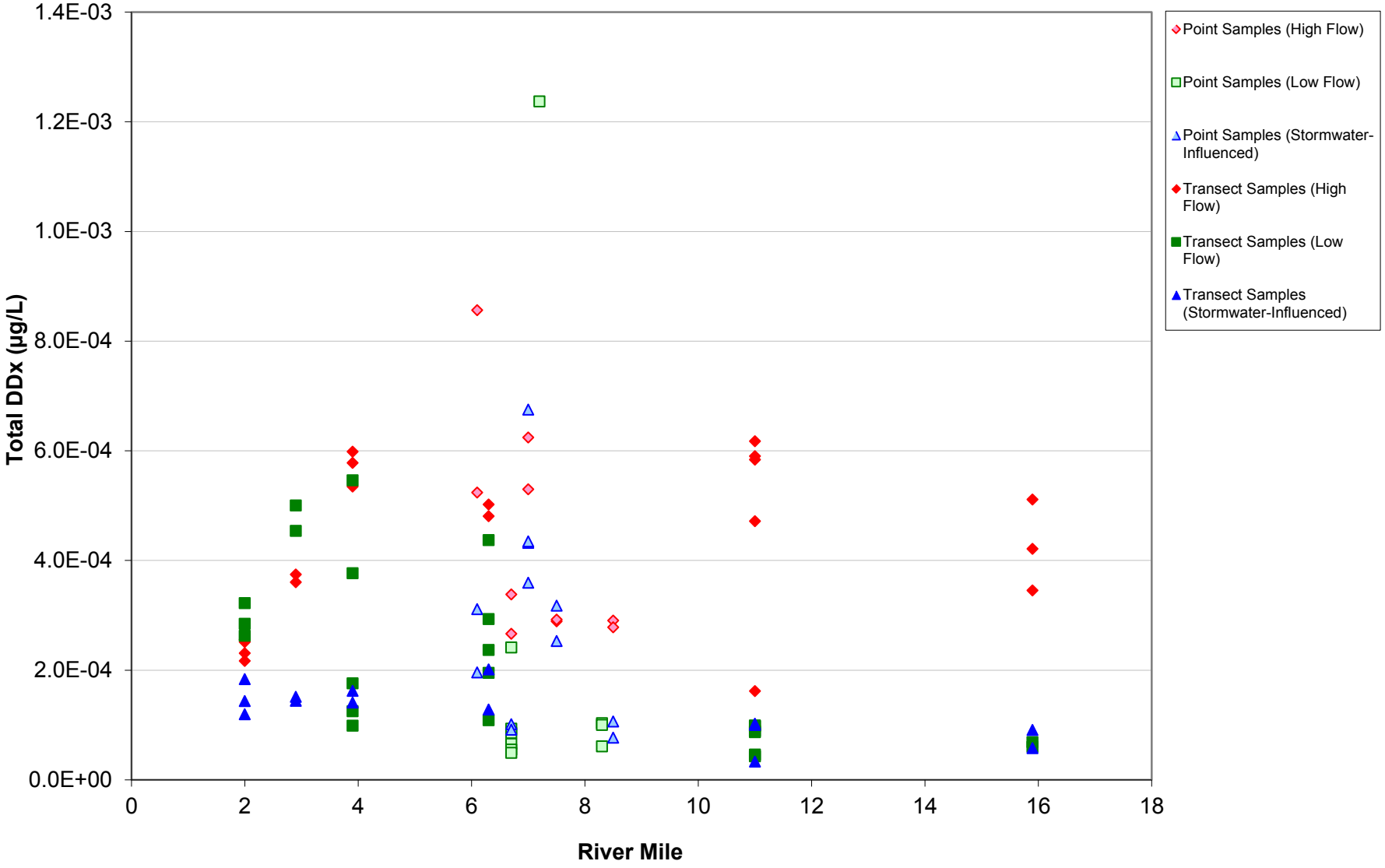
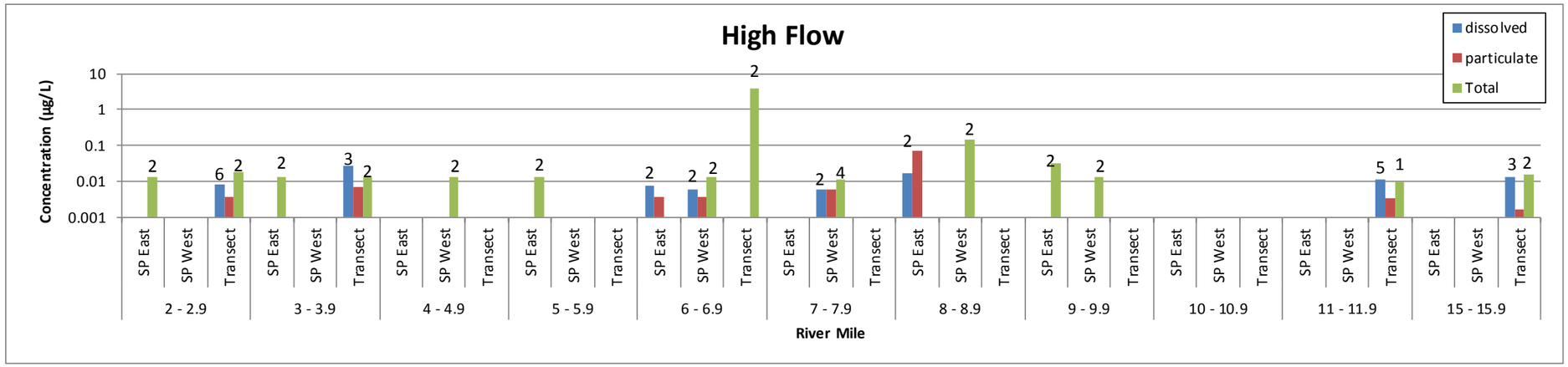
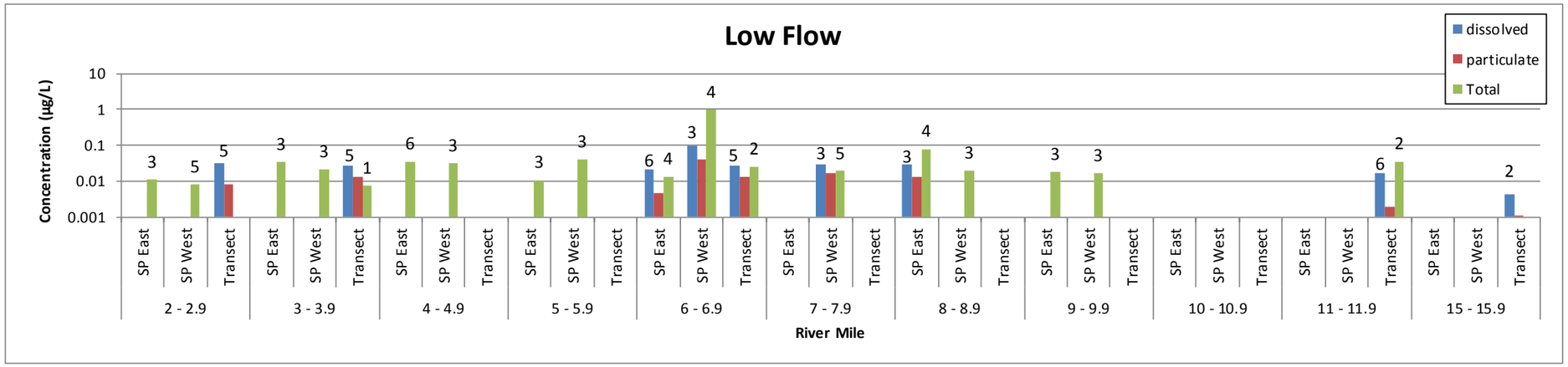


Figure 5.4-23b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total DDx Concentrations in Surface Water by River Mile (RM 2-16), Scale Zoom





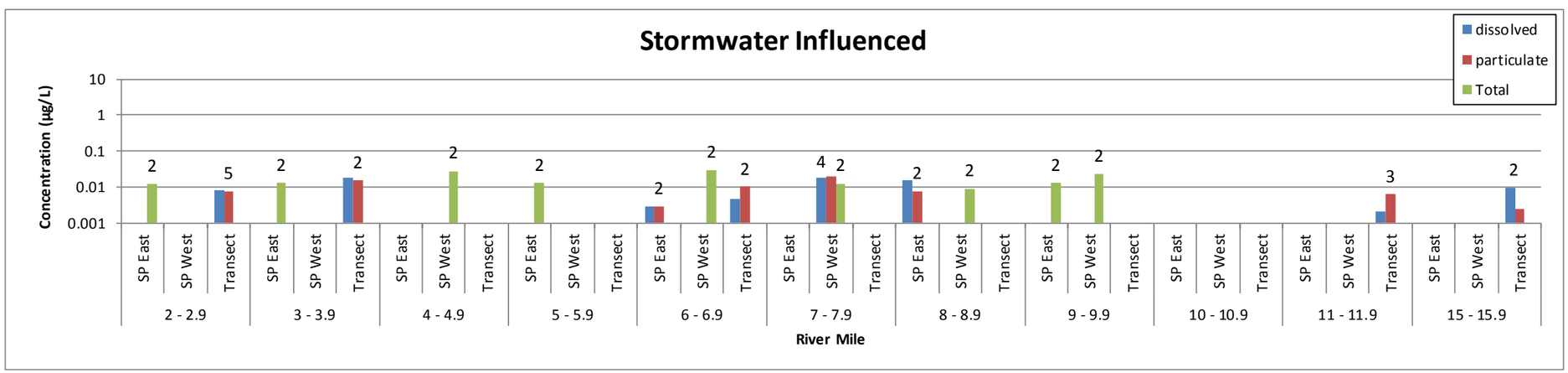


Figure 5.4-24
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Total PAHs
Concentrations in Surface Water by Flow Event (RM 2-16)

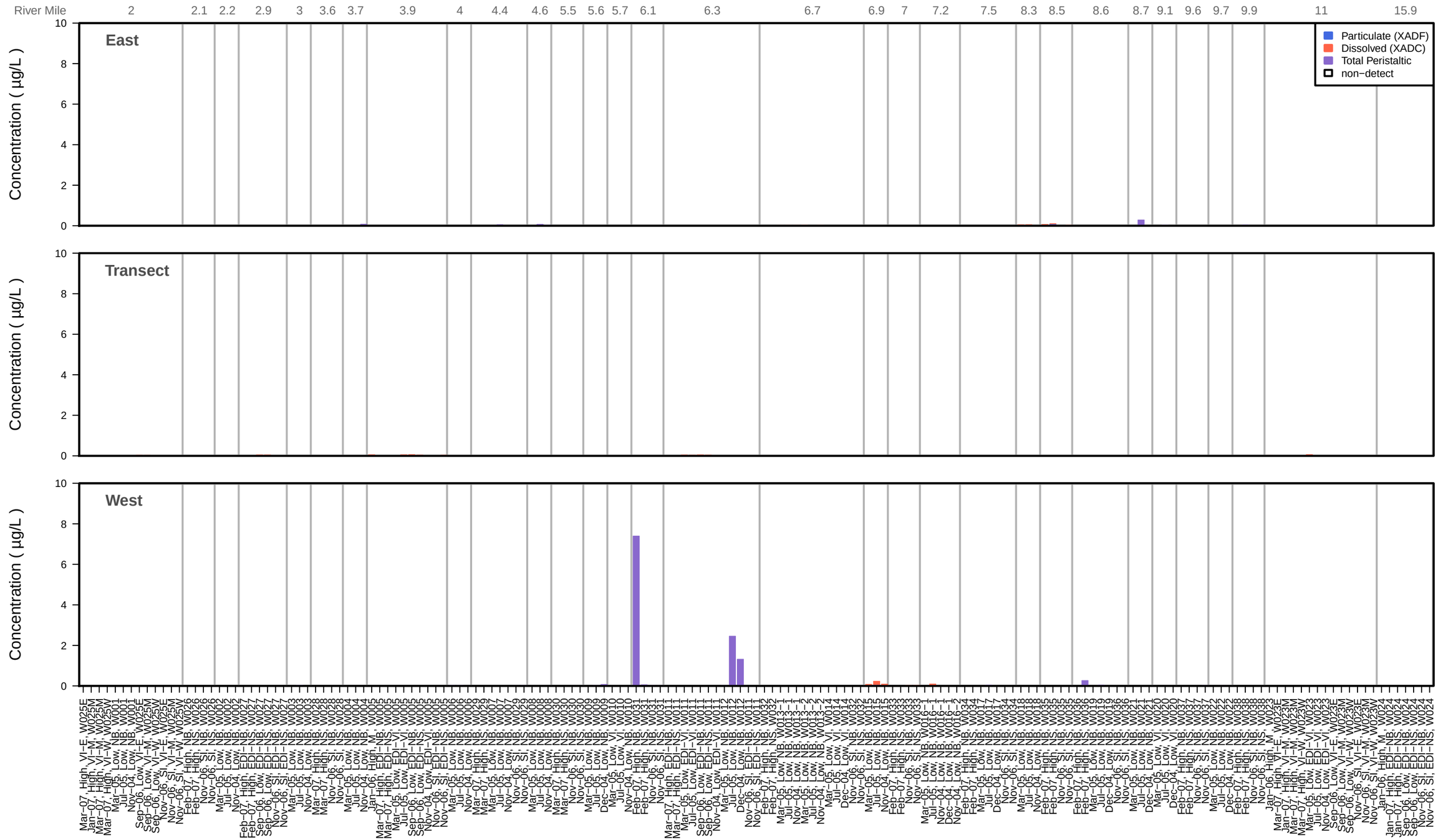


Figure 5.4−25a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total PAHs Concentrations in Surface Water, RM 2−16

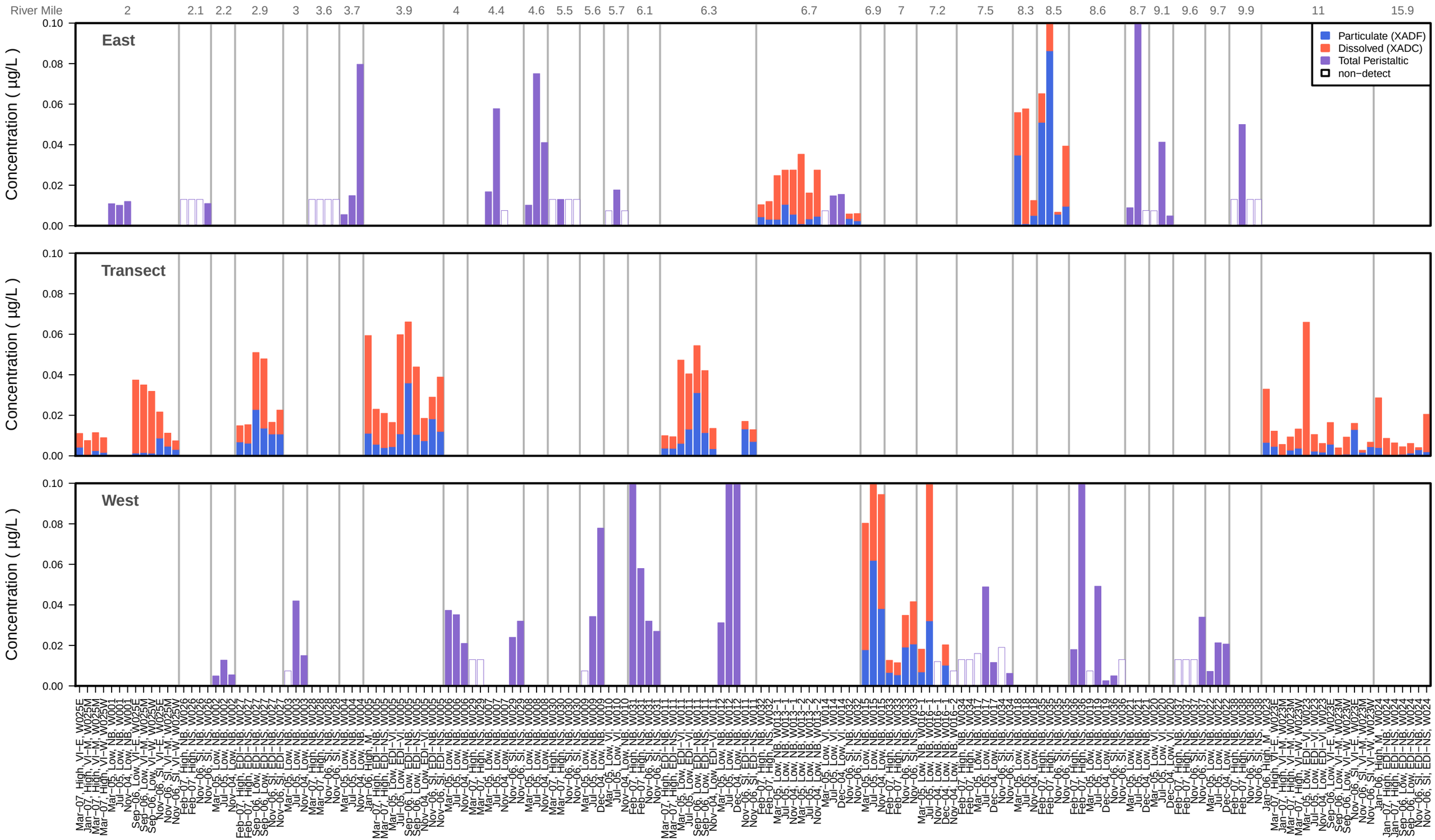


Figure 5.4−25b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total PAHs Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

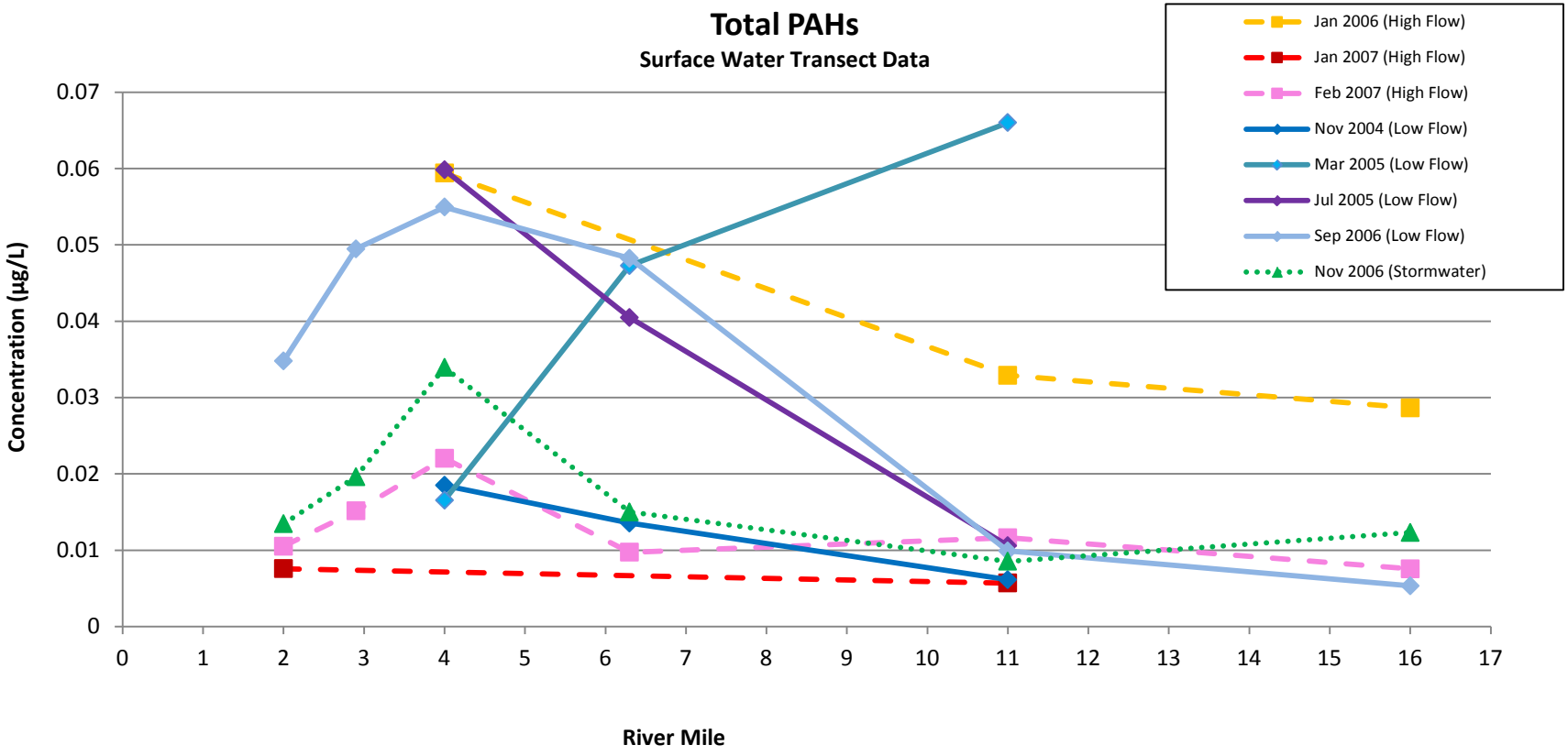


Figure 5.4-26
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Total PAHs Concentrations in
Surface Water by River Mile (RM 2–16)

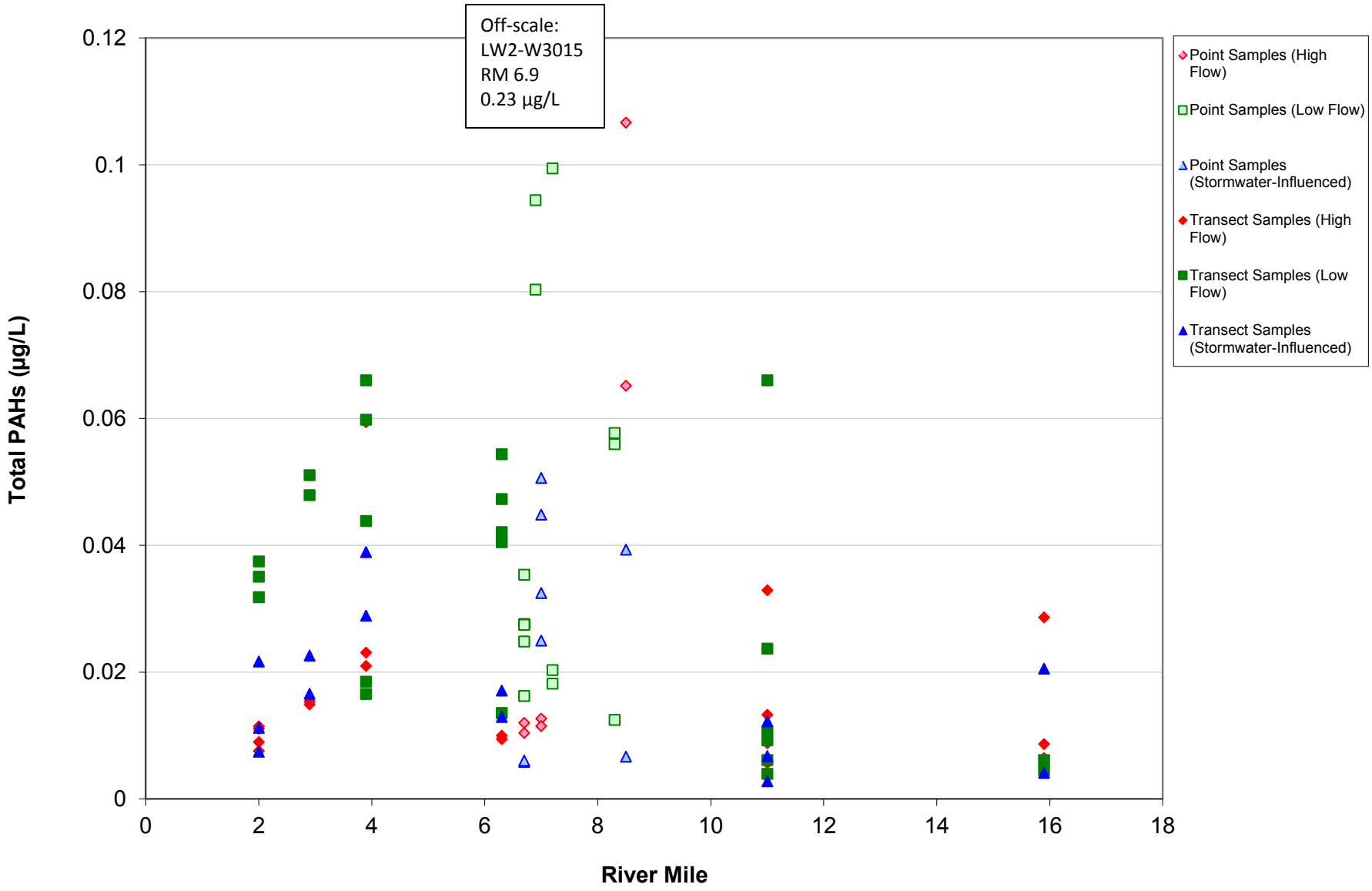
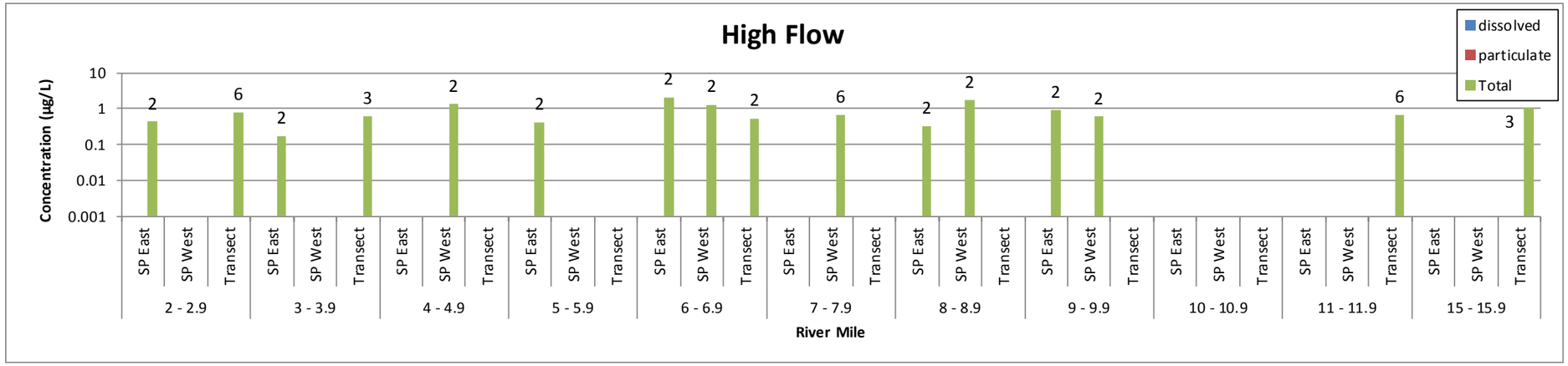
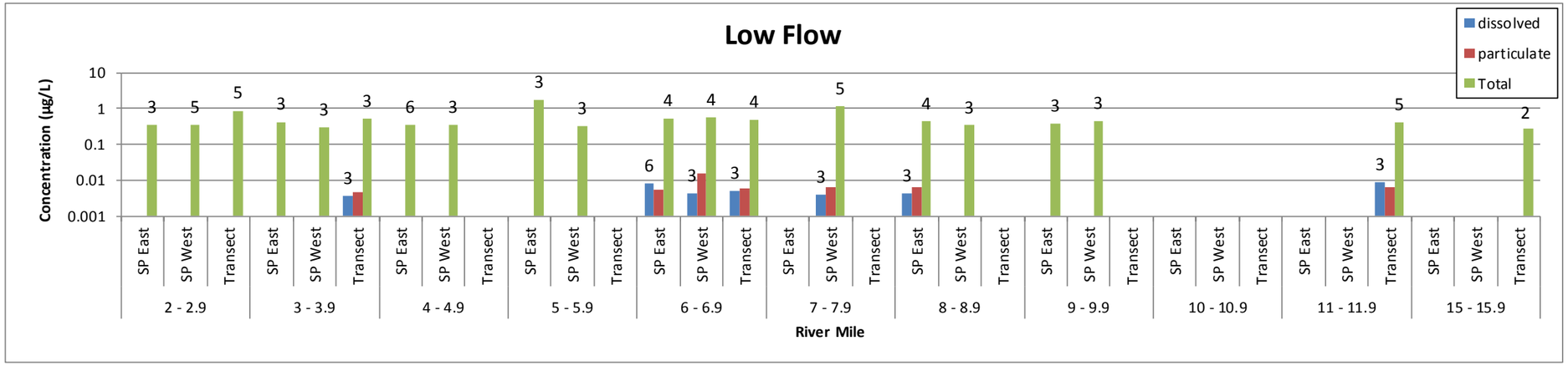


Figure 5.4-27
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total PAHs Concentrations in Surface Water by River Mile (RM 2-16)





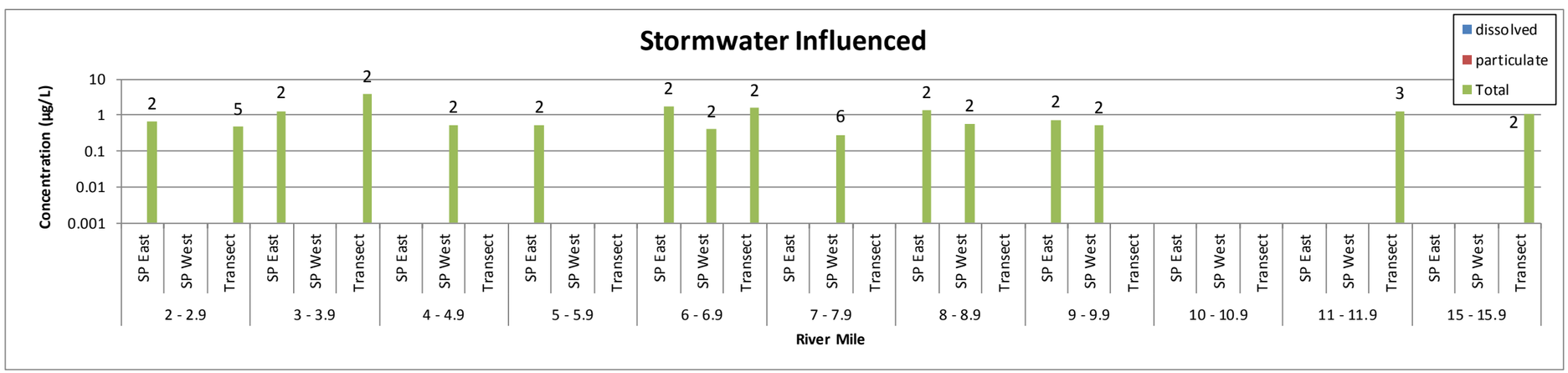


Figure 5.4-28
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point BEHP
Concentrations in Surface Water by Flow Event (RM 2-16)

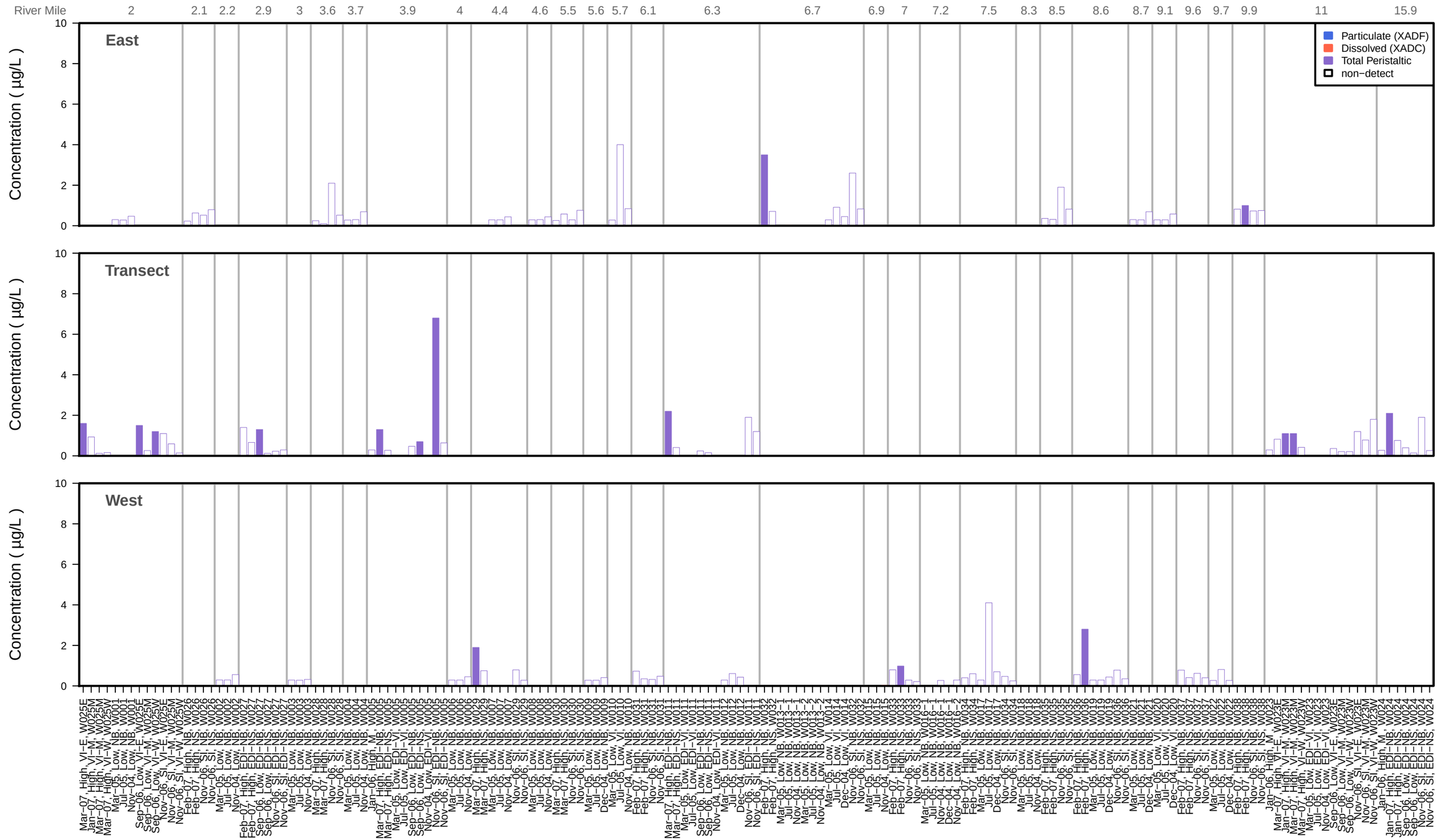


Figure 5.4−29a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of BEHP Concentrations in Surface Water, RM 2−16

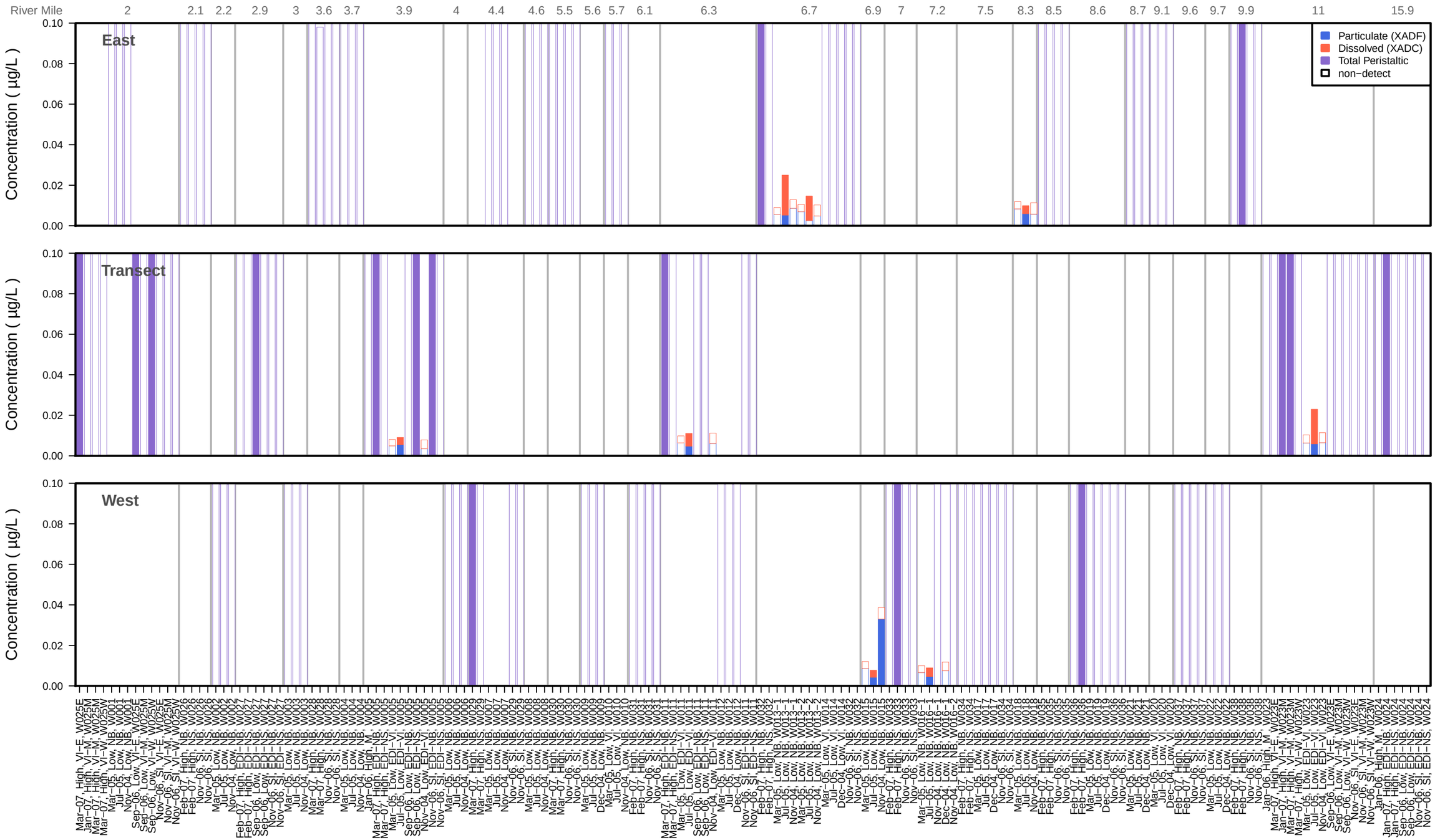


Figure 5.4−29b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of BEHP Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

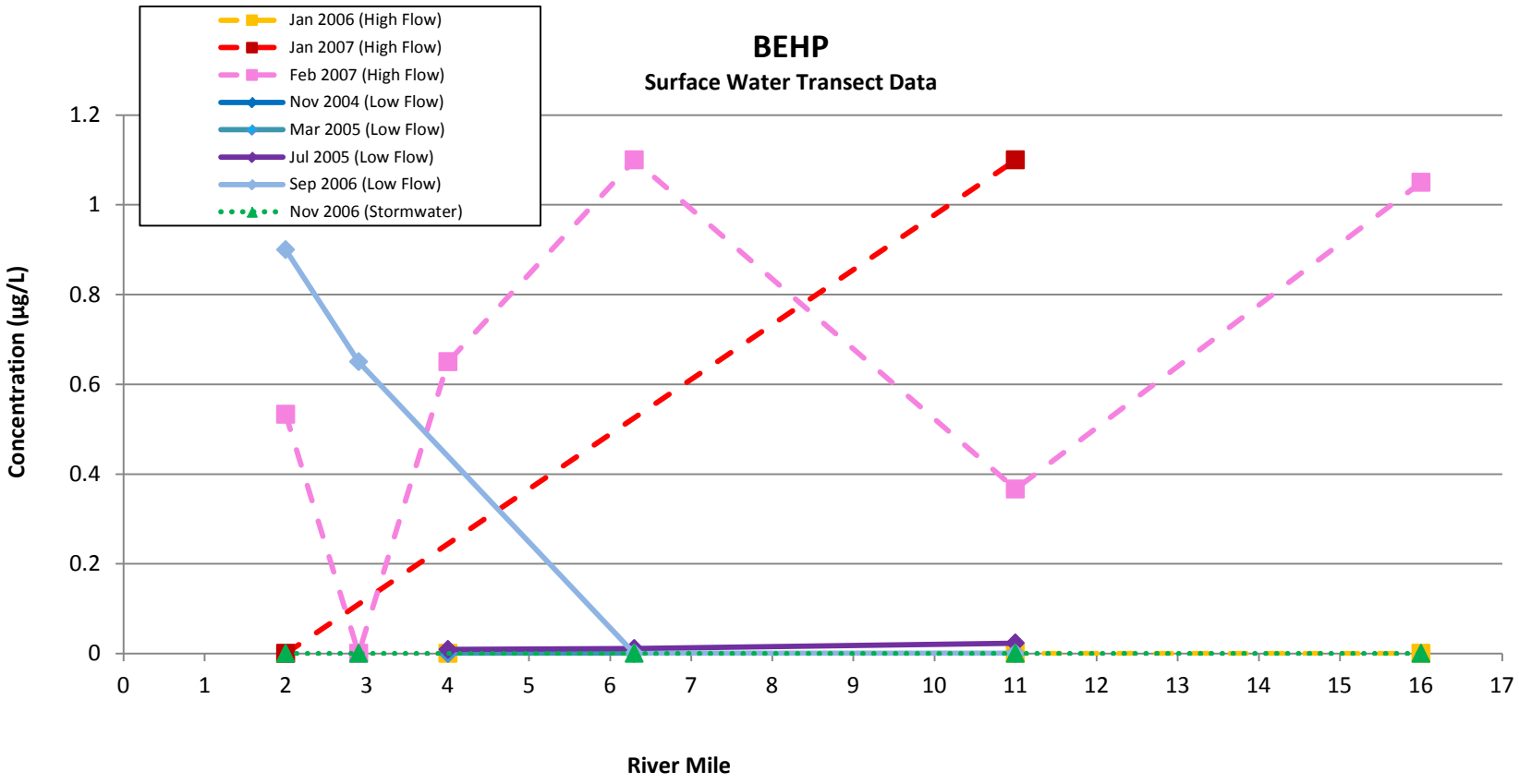


Figure 5.4-30
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect BEHP Concentrations in
Surface Water by River Mile (RM 2–16)

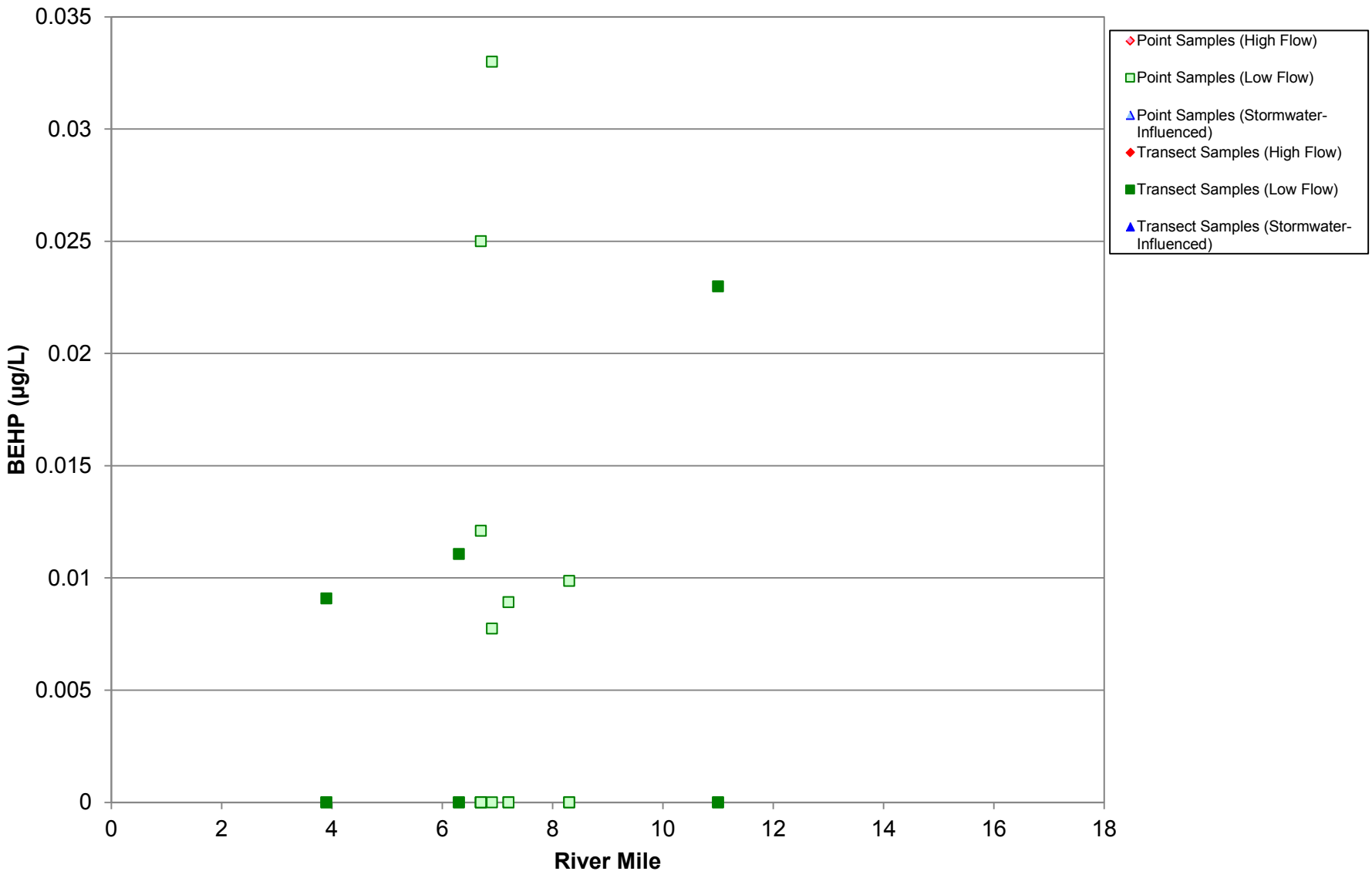
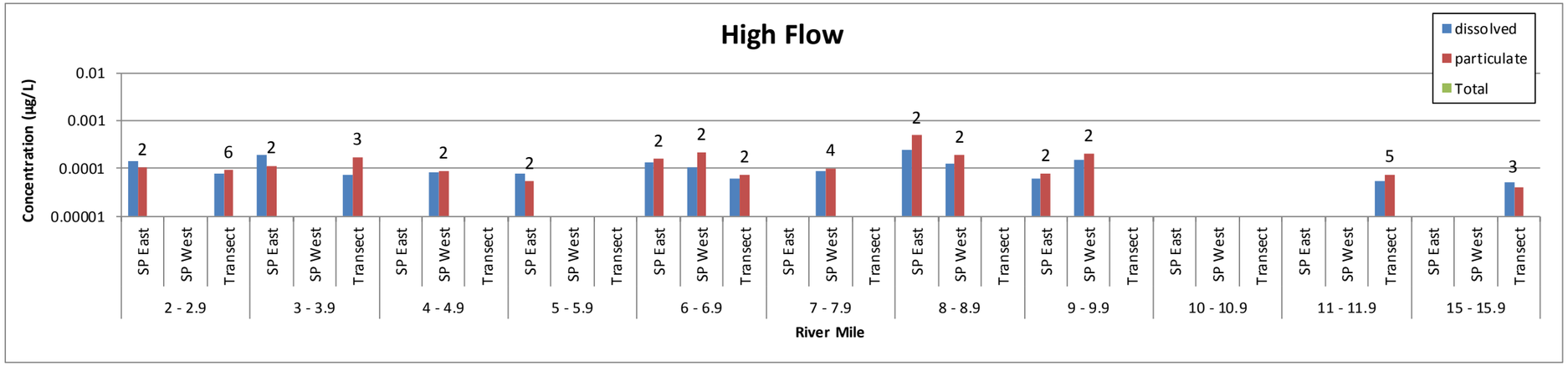
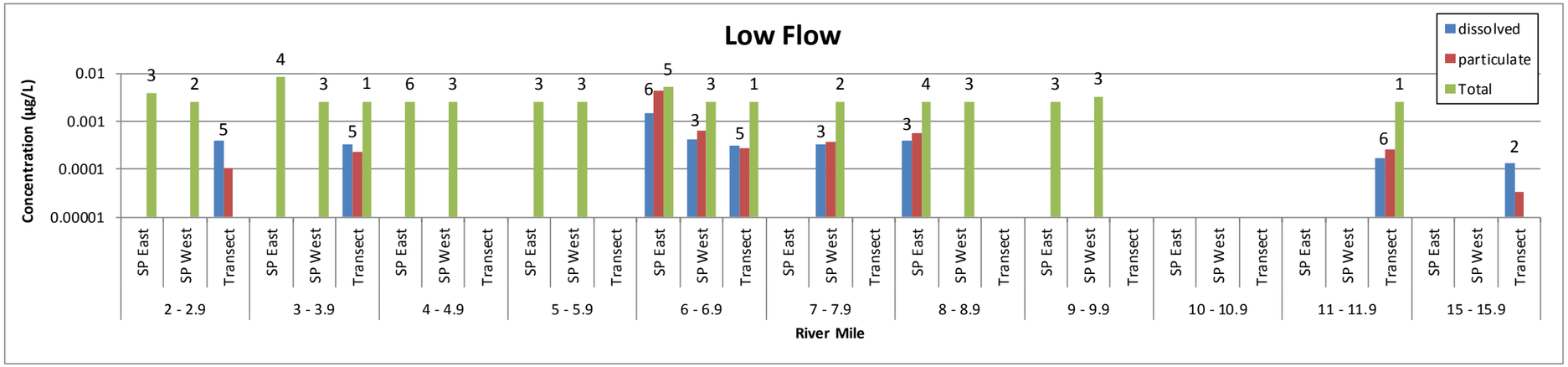


Figure 5.4-31
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected BEHP Concentrations in
Surface Water by River Mile (RM 2-16)





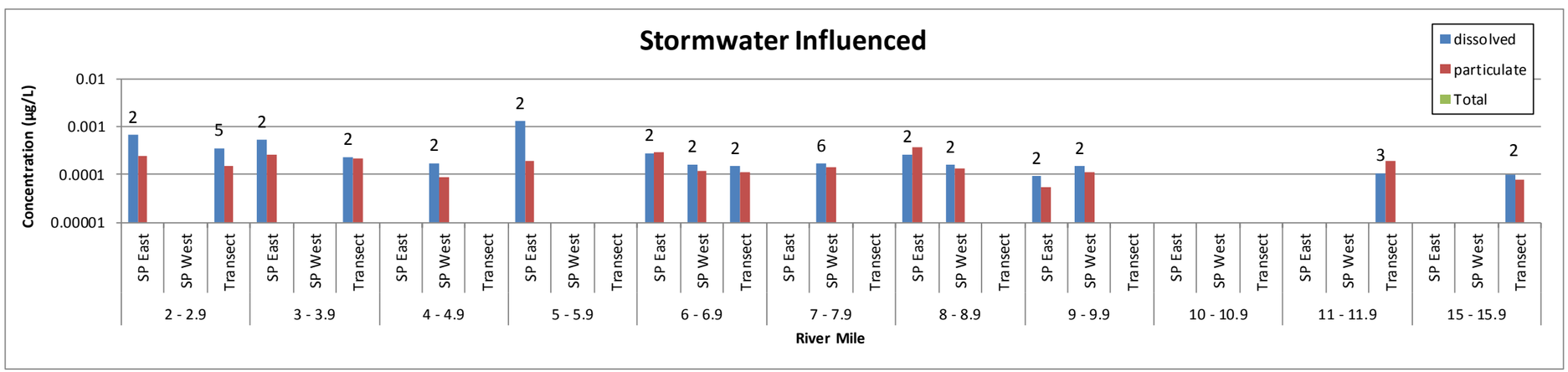


Figure 5.4-32
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Total Chlordanes
Concentrations in Surface Water by Flow Event (RM 2-16)

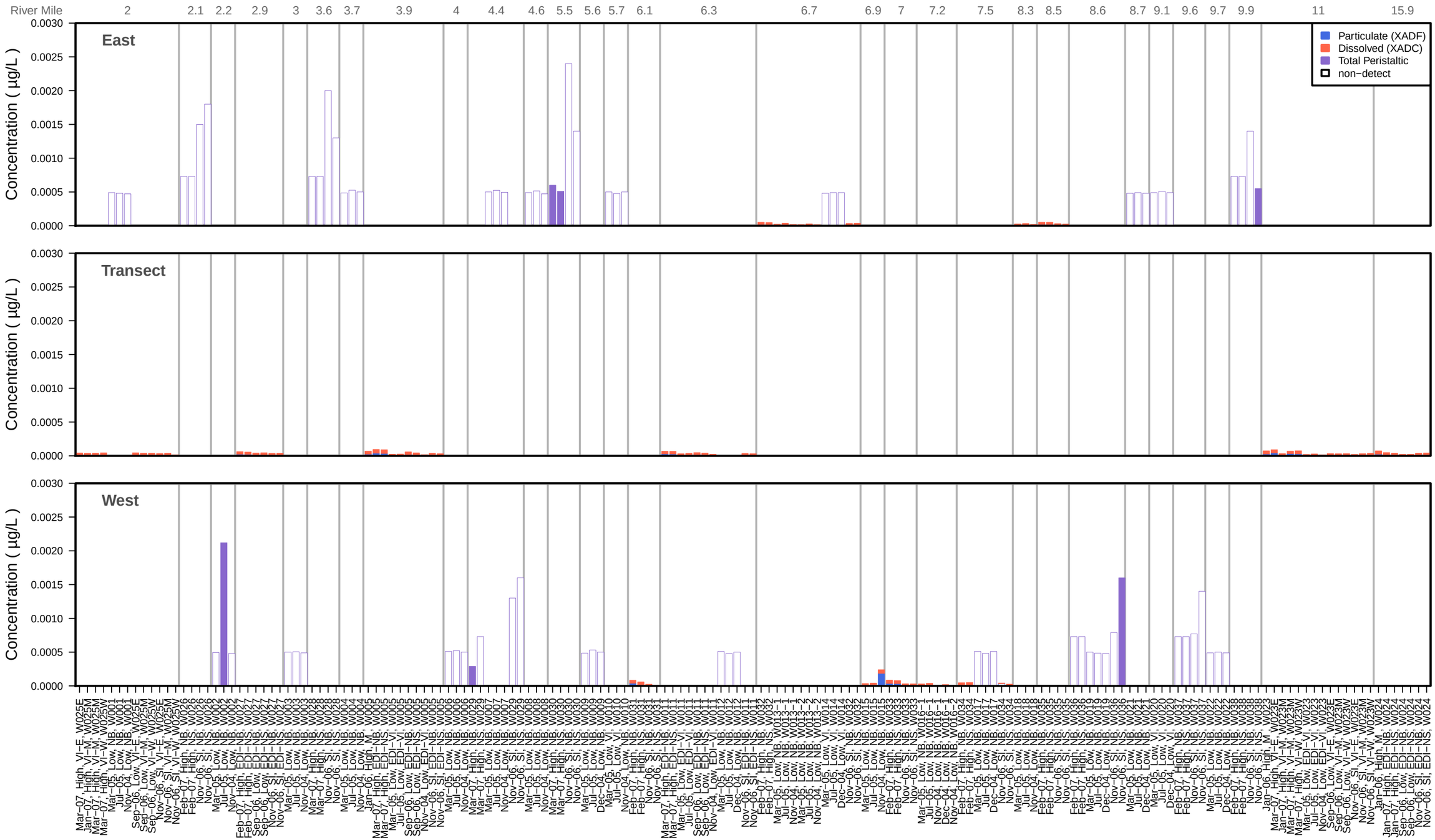


Figure 5.4−33a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total Chlordanes Concentrations in Surface Water, RM 2−16

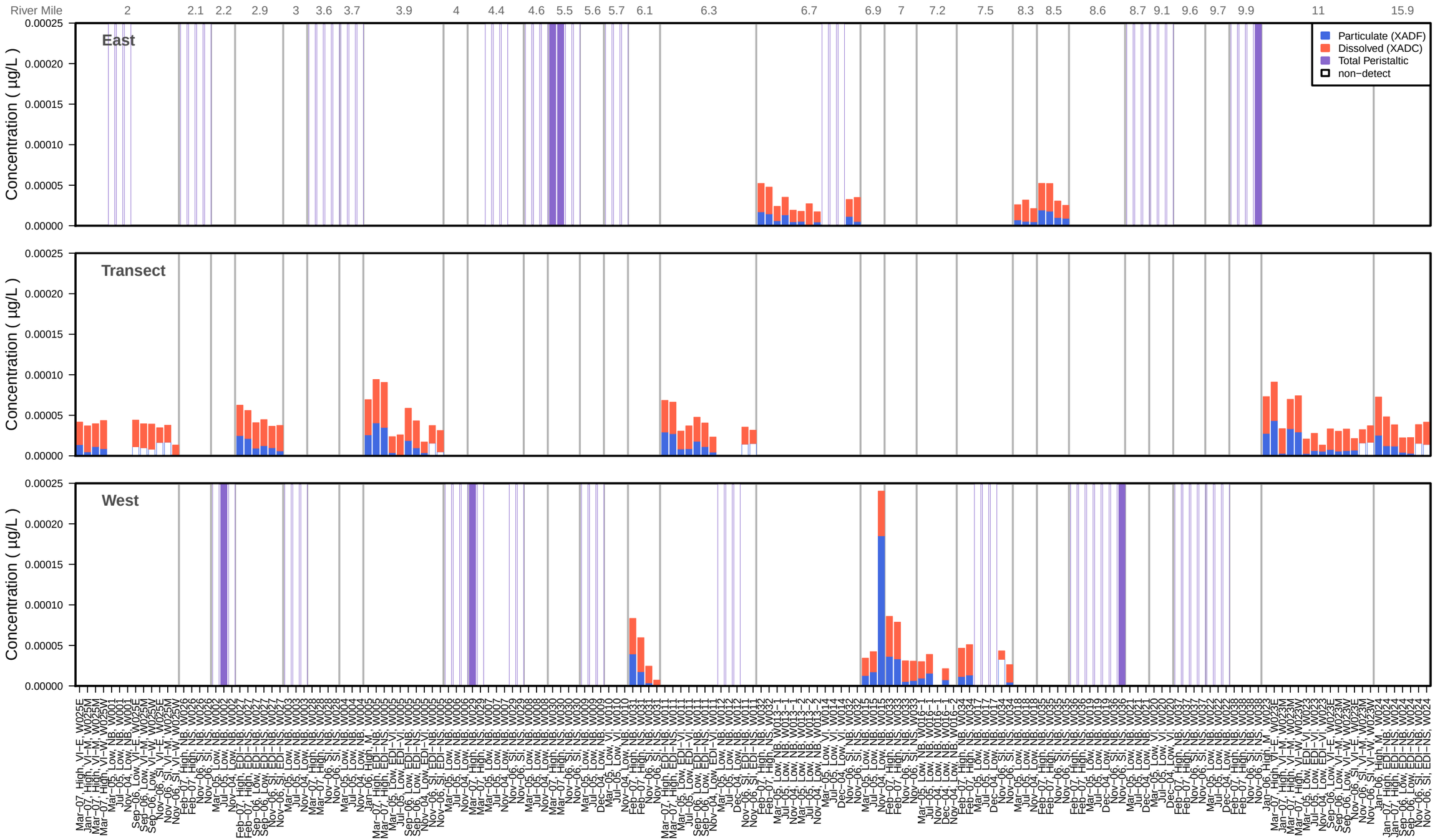


Figure 5.4– 33b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Total Chlordanes Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

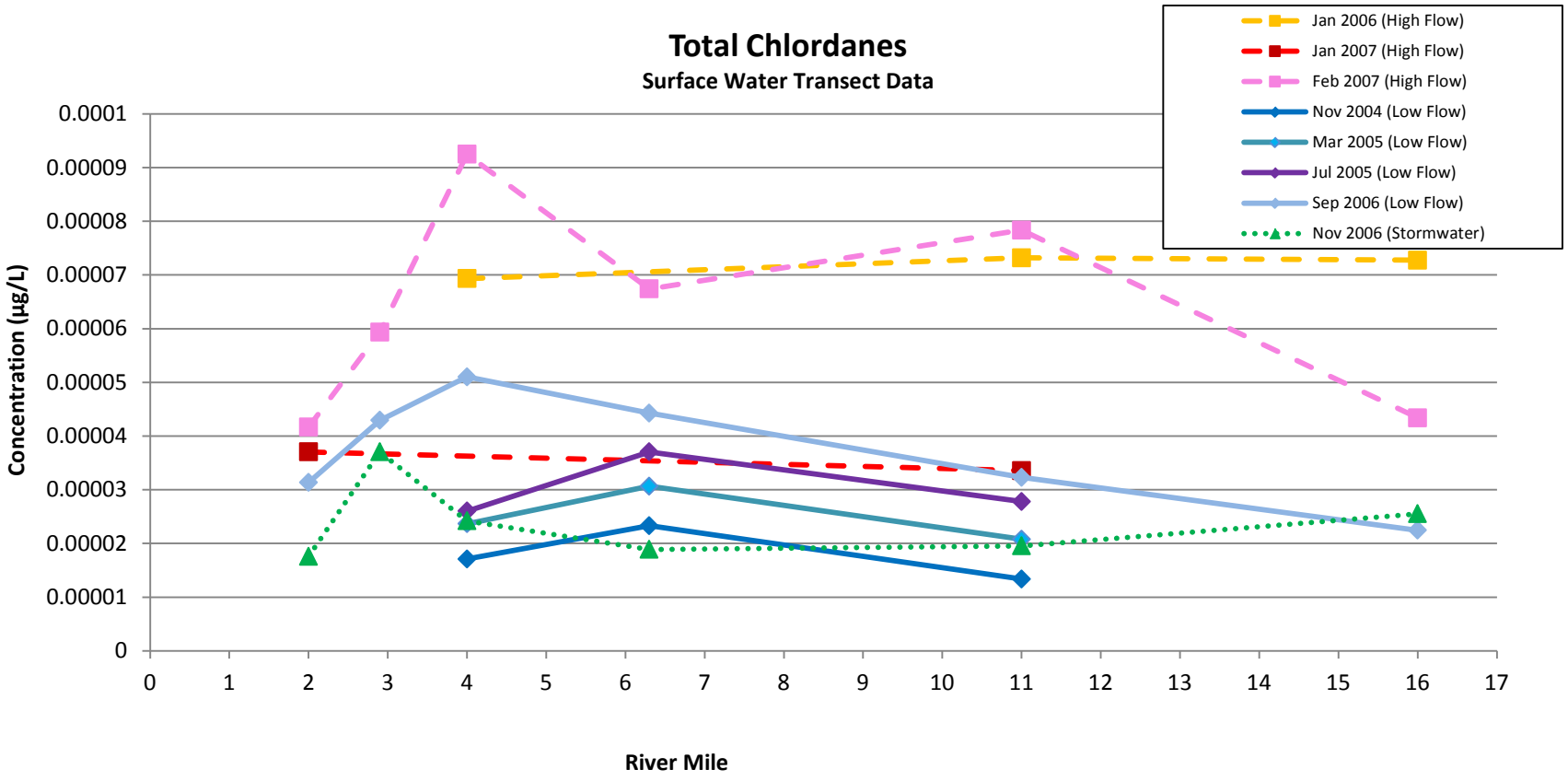


Figure 5.4-34
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Total Chlordanes Concentrations in
Surface Water by River Mile (RM 2–16)

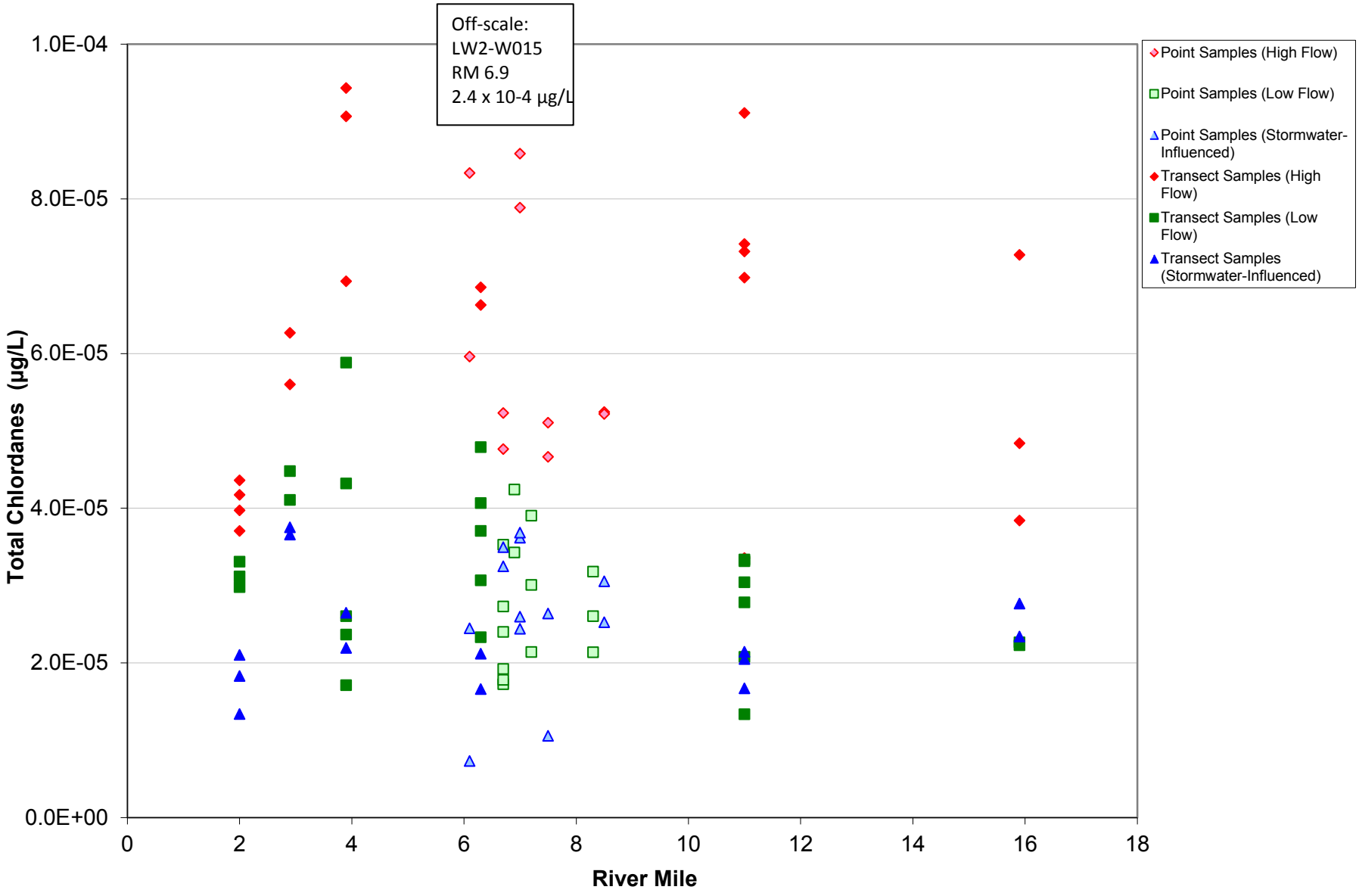
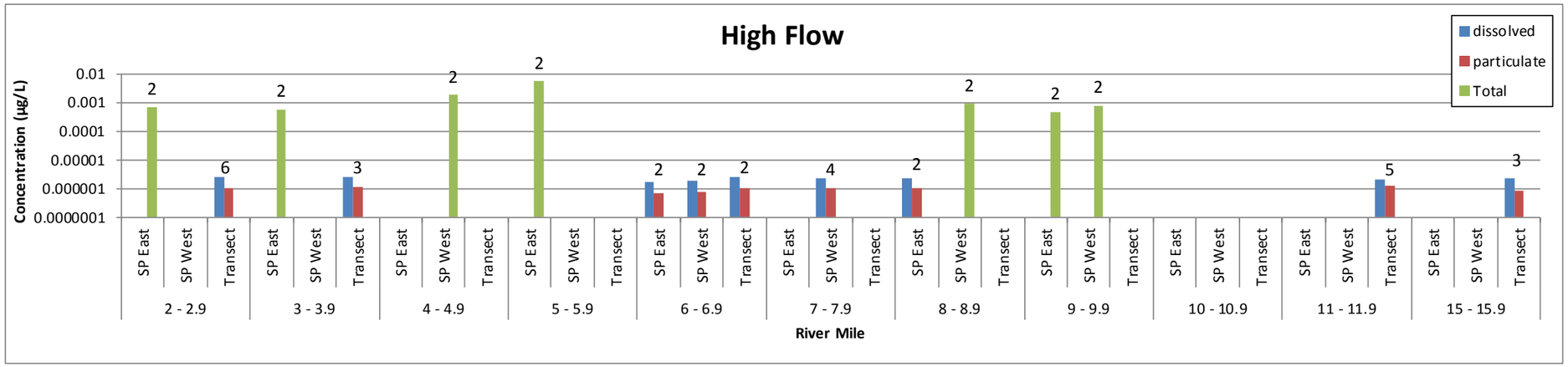
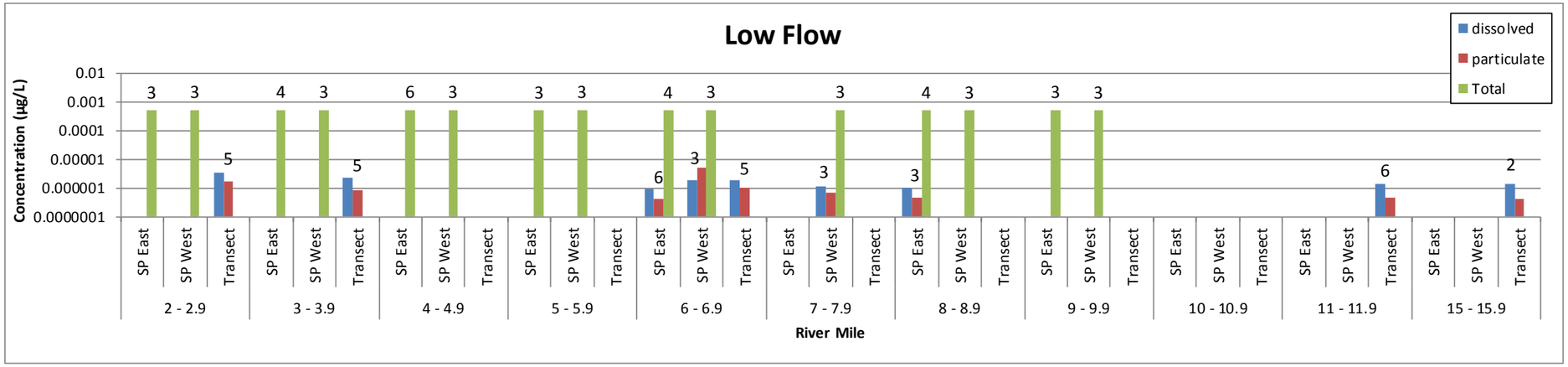


Figure 5.4-35
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Total Chlordanes Concentrations in Surface Water by River Mile (RM 2-16)





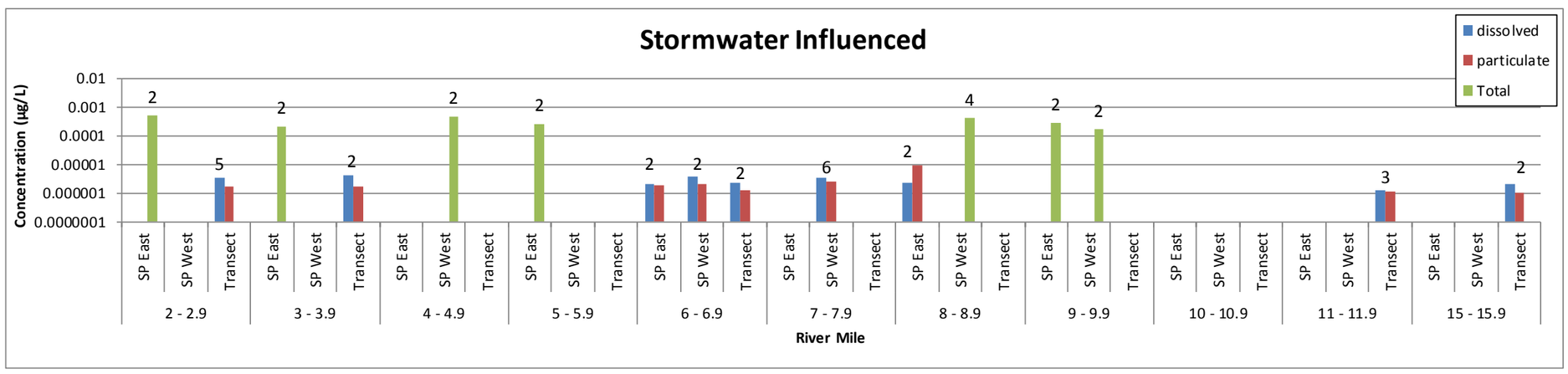


Figure 5.4-36
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Aldrin
Concentrations in Surface Water by Flow Event (RM 2-16)

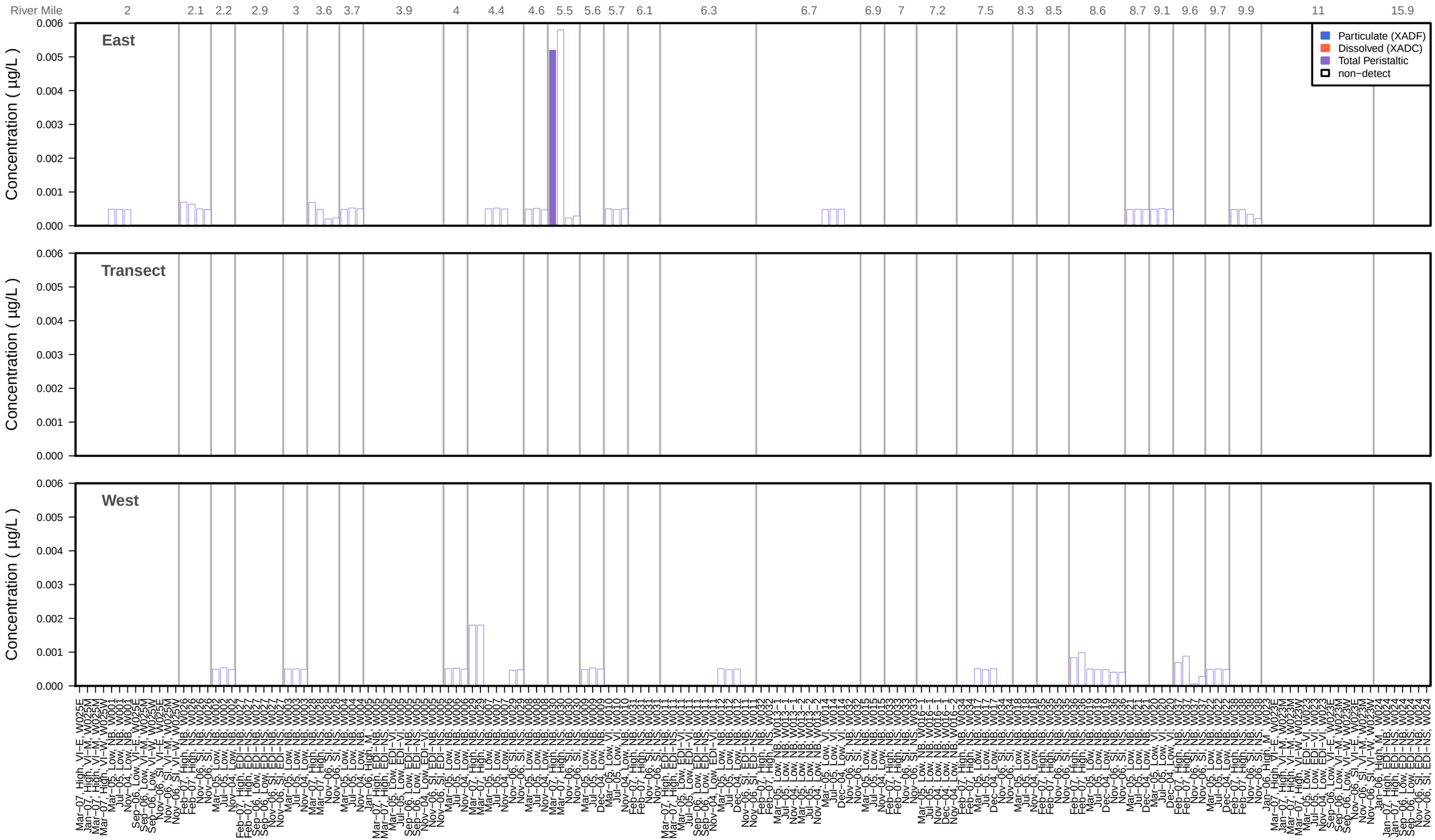


Figure 5.4−37a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Aldrin Concentrations in Surface Water, RM 2−16

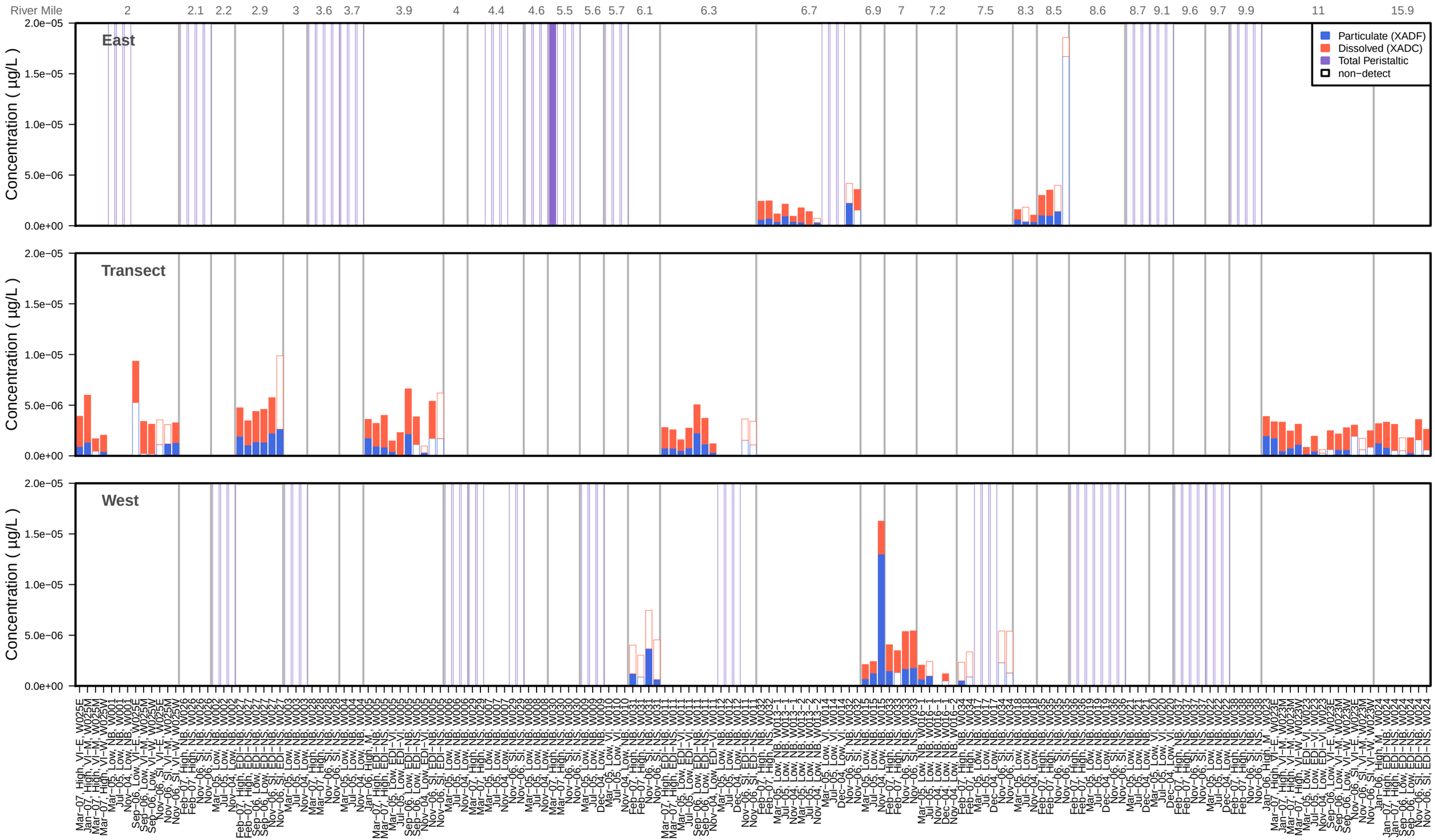


Figure 5.4–37b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Aldrin Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

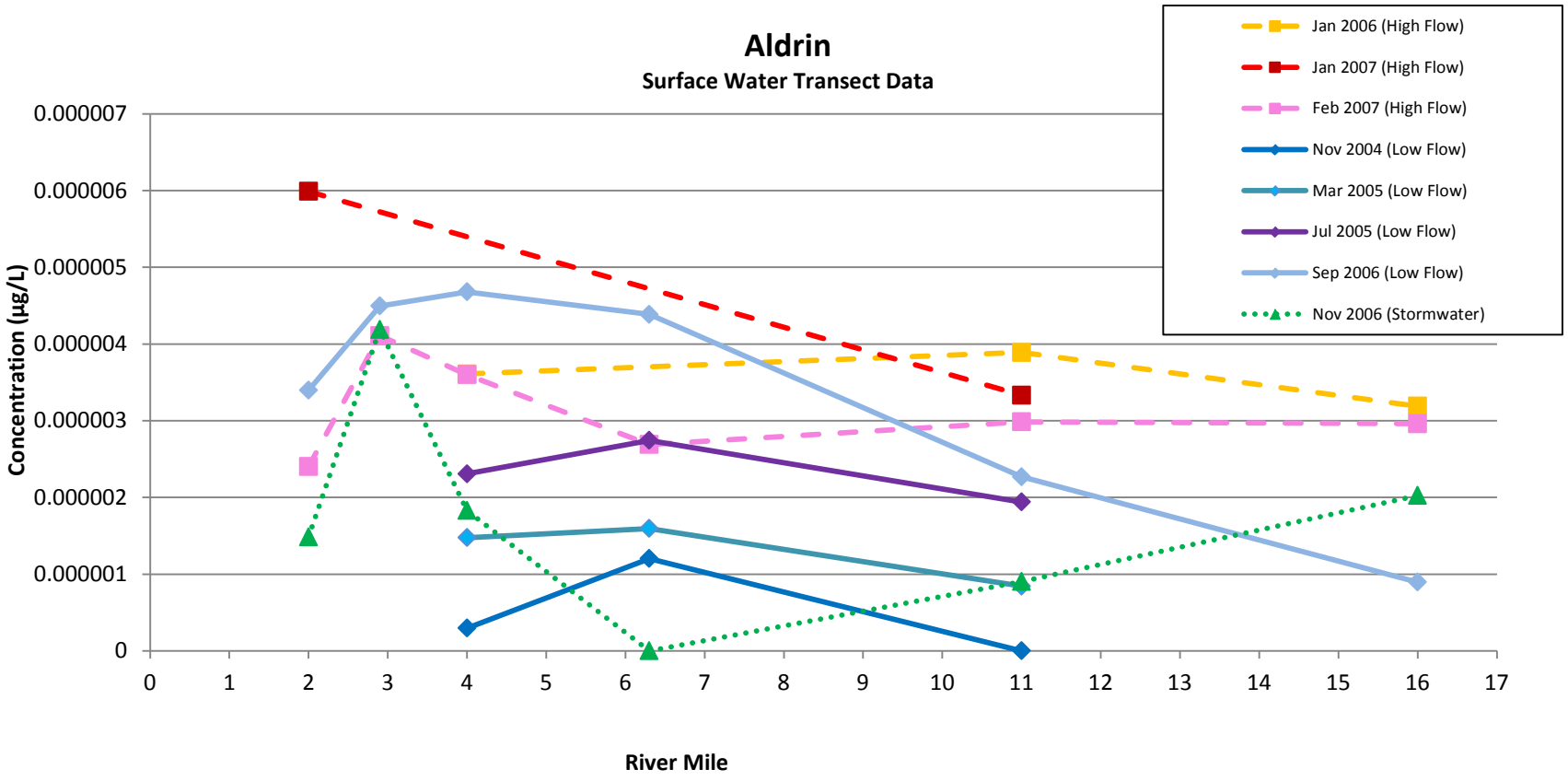


Figure 5.4-38
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Aldrin Concentrations in
Surface Water by River Mile (RM 2–16)

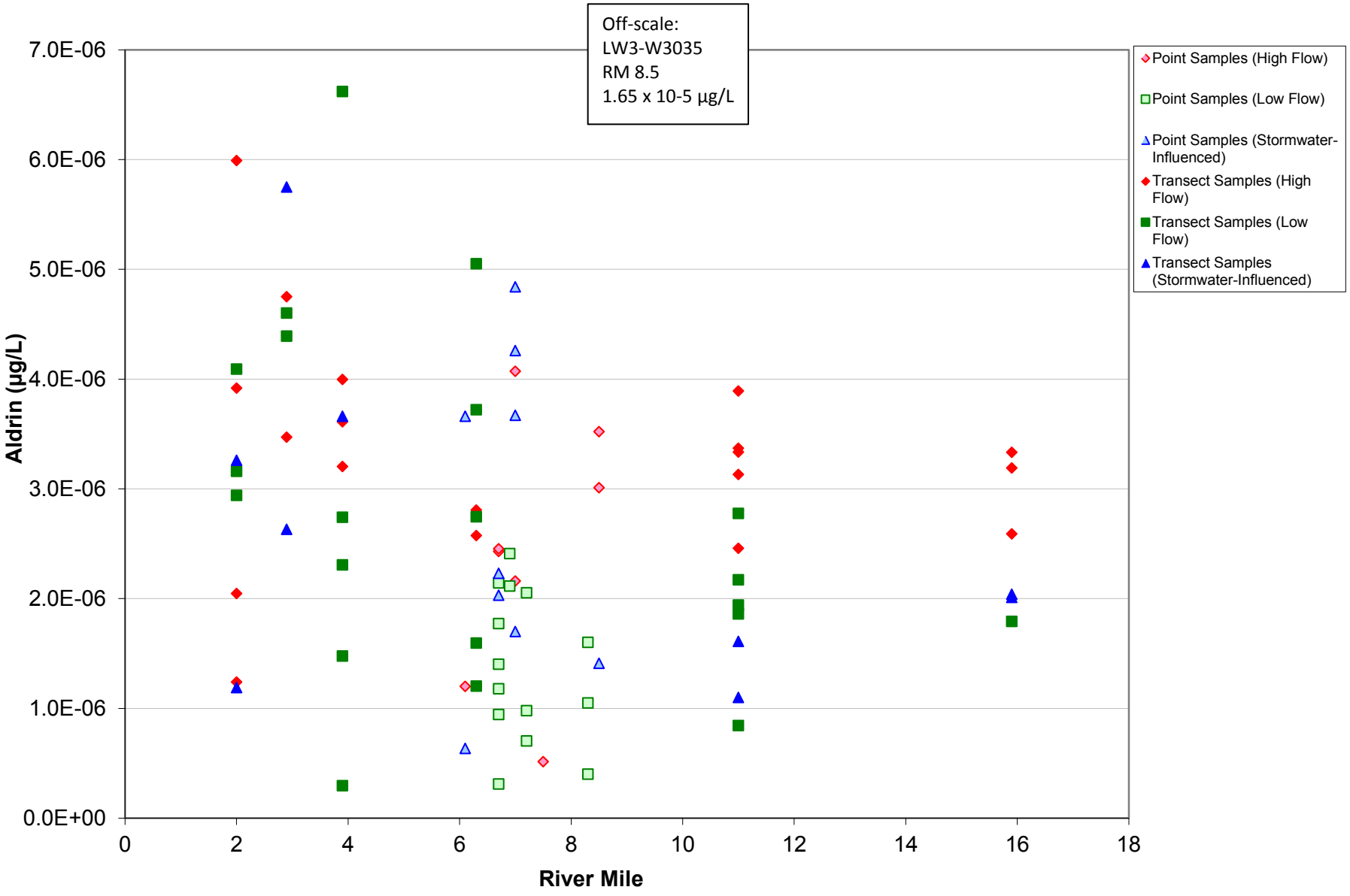
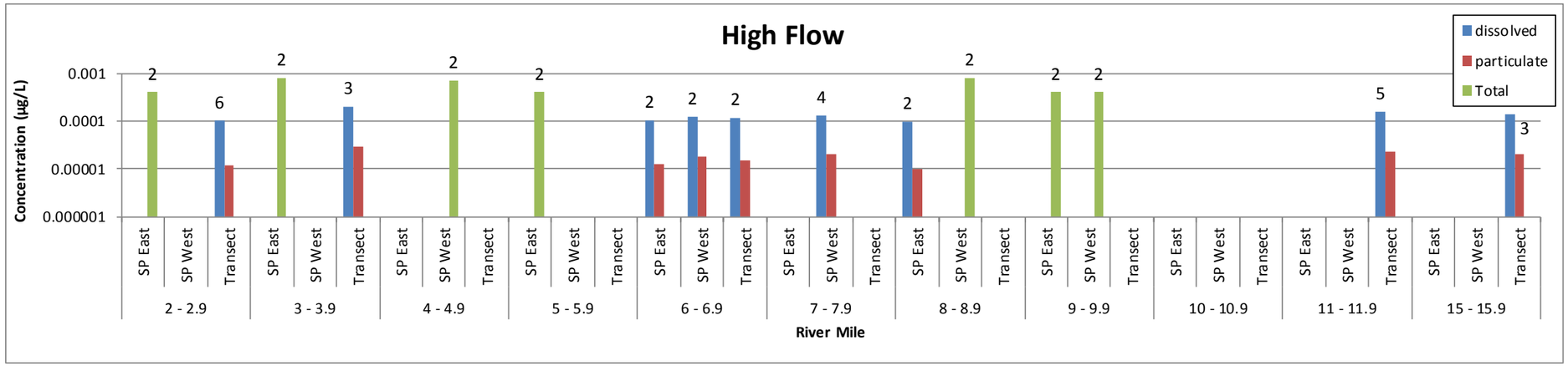
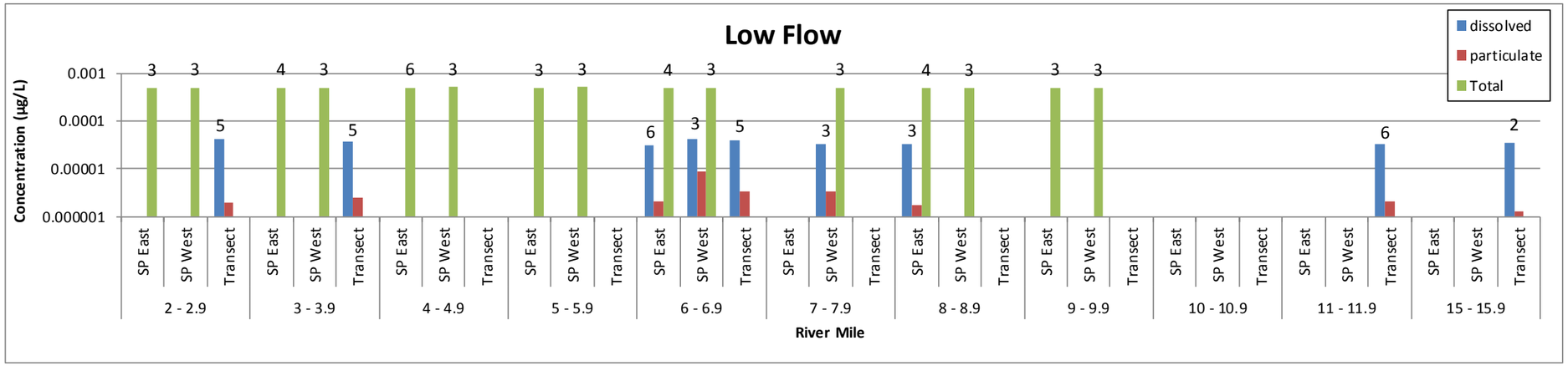


Figure 5.4-39
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Aldrin Concentrations in
Surface Water by River Mile (RM 2-16)





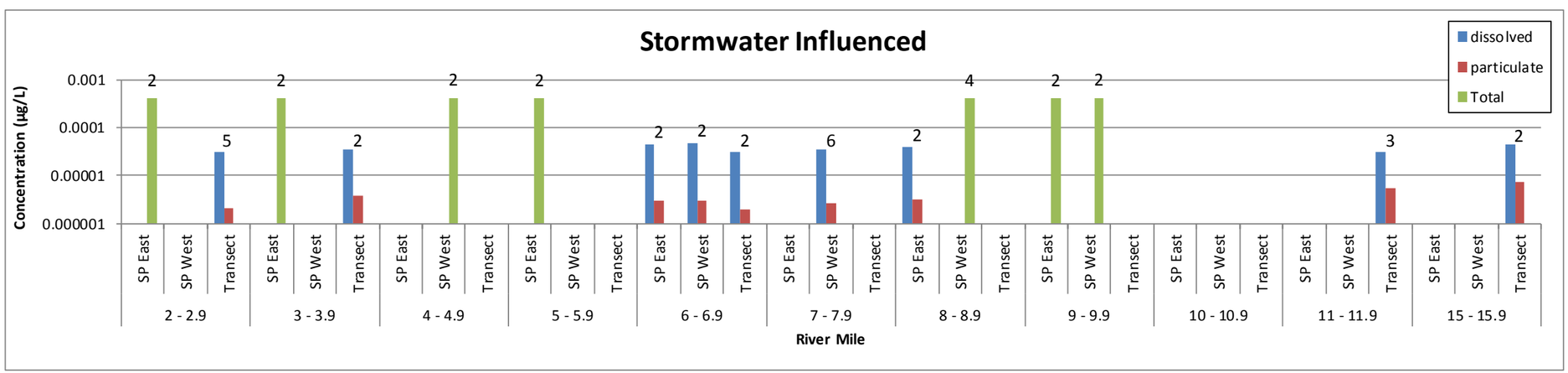


Figure 5.4-40
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Dieldrin
Concentrations in Surface Water by Flow Event (RM 2-16)

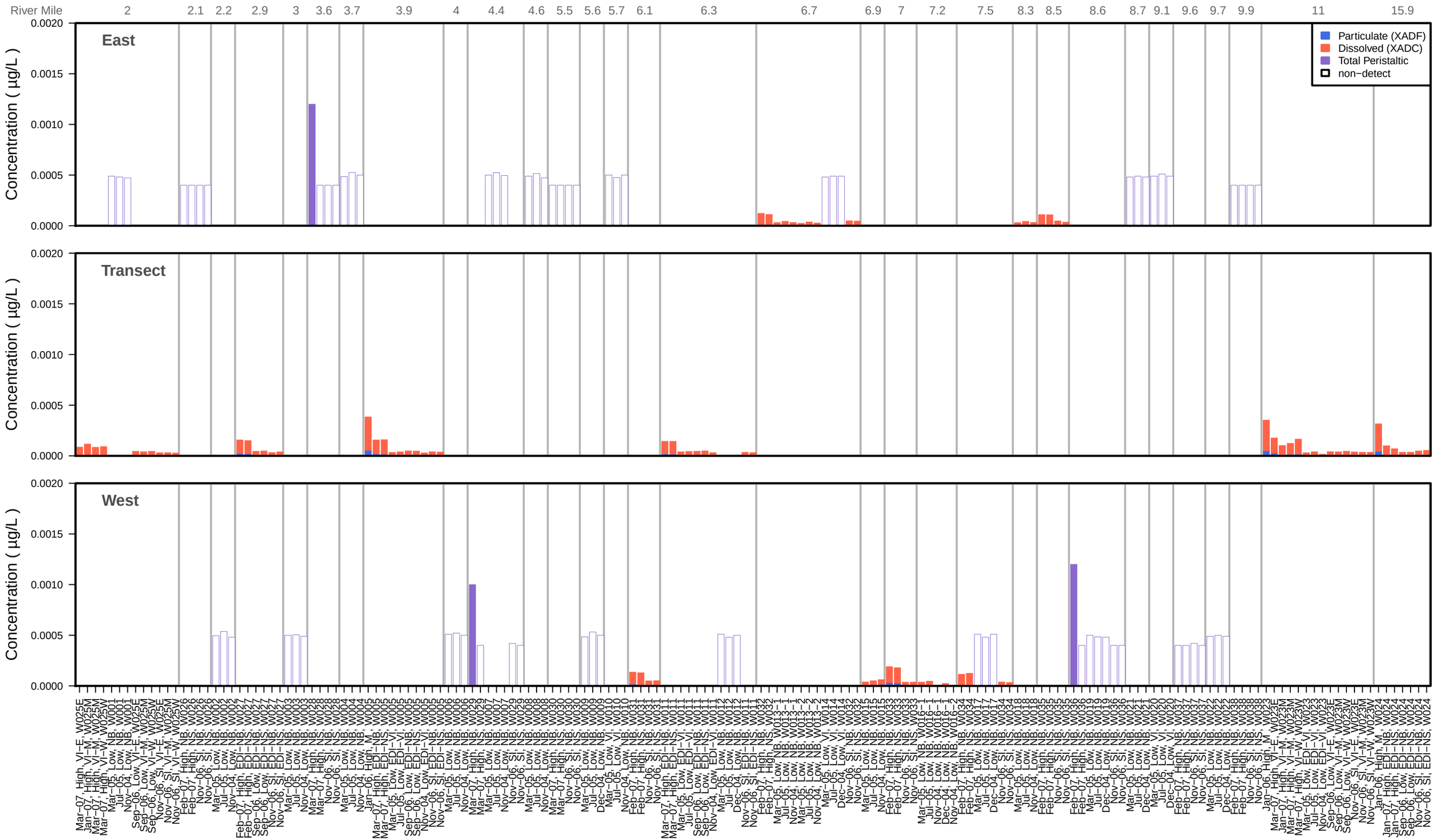


Figure 5.4−41a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Dieldrin Concentration in Surface Water, RM 2−16

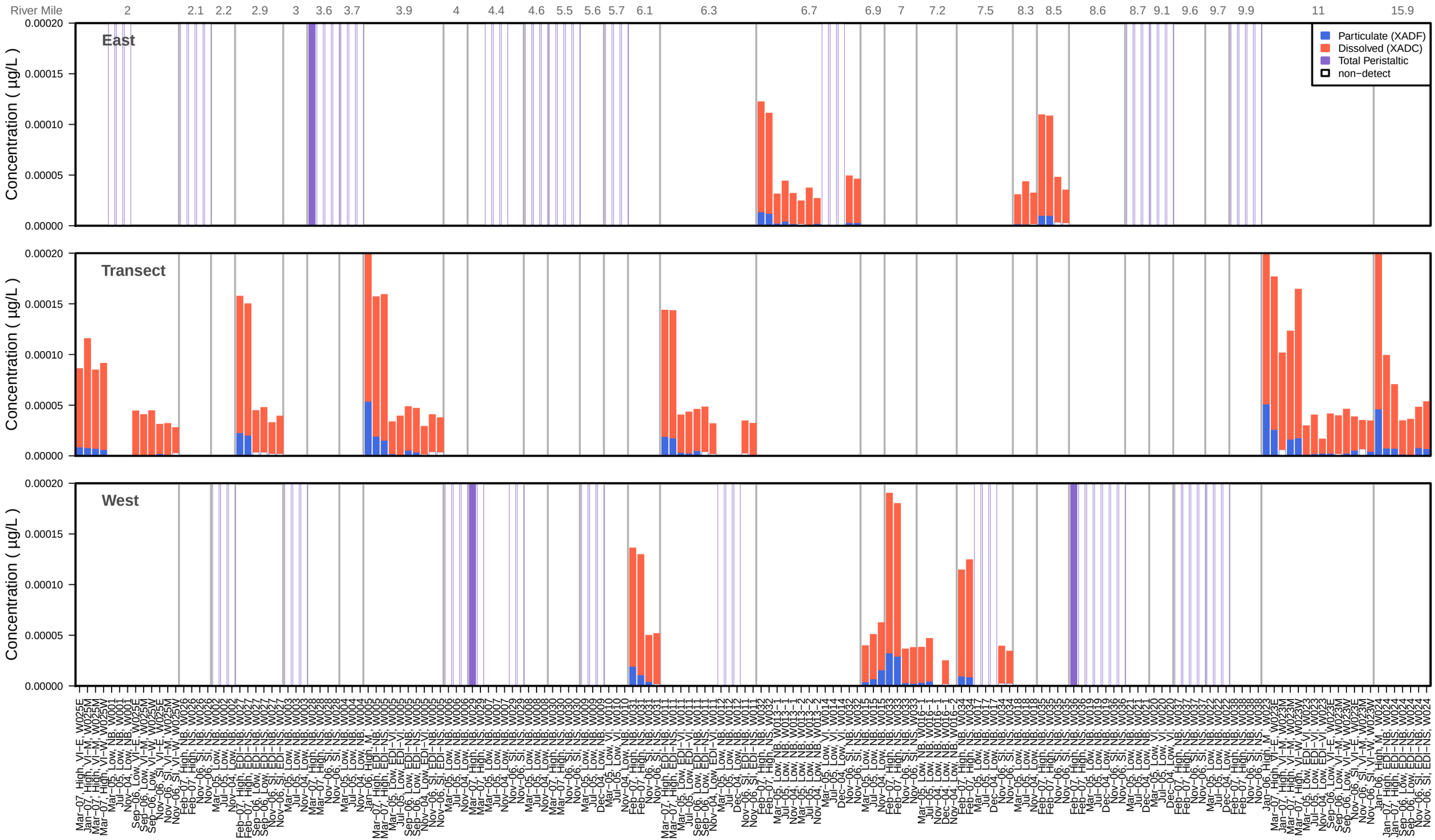


Figure 5.4−41b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Dieldrin Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

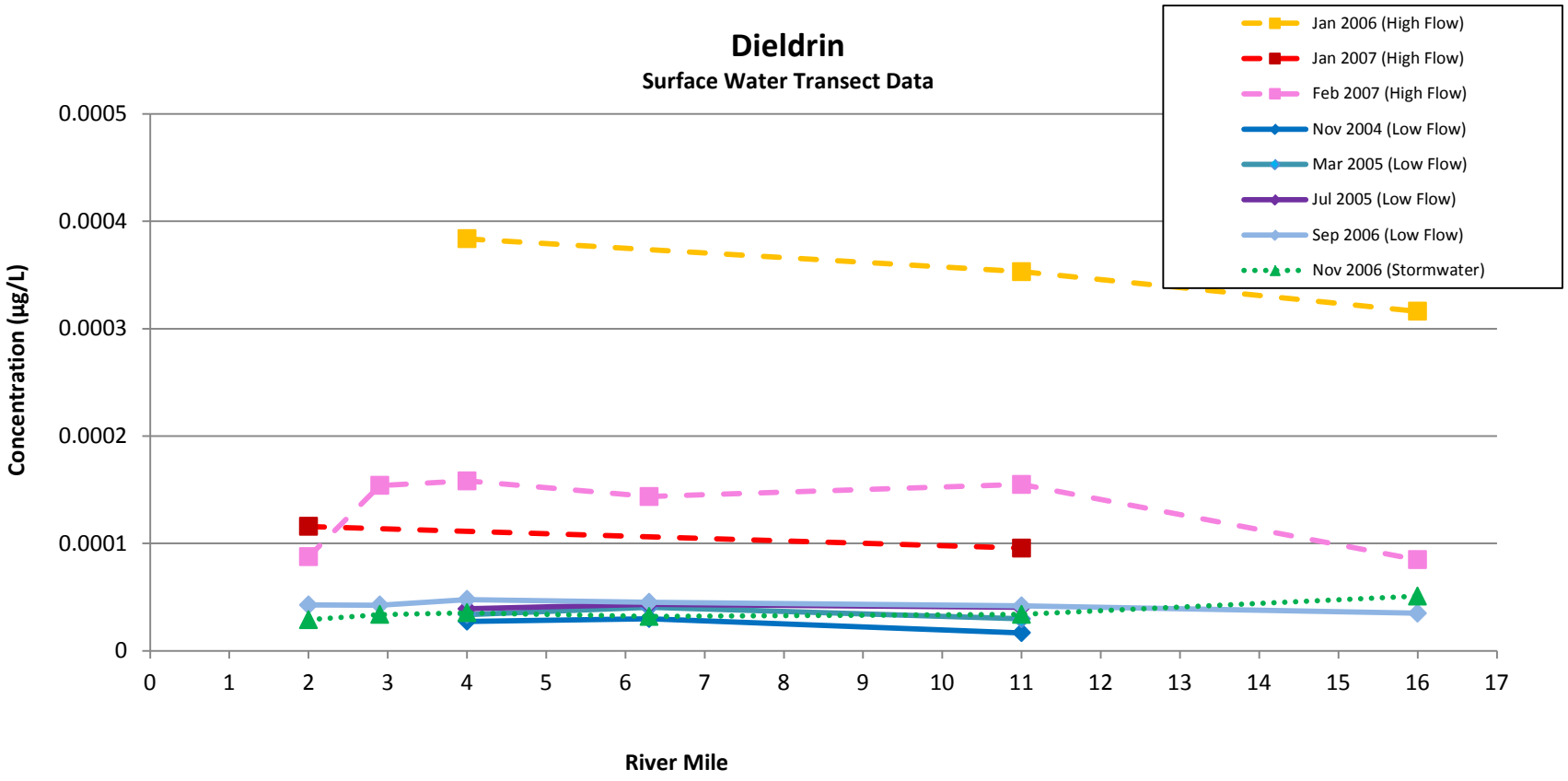


Figure 5.4-42
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Dieldrin Concentrations in
Surface Water by River Mile (RM 2–16)

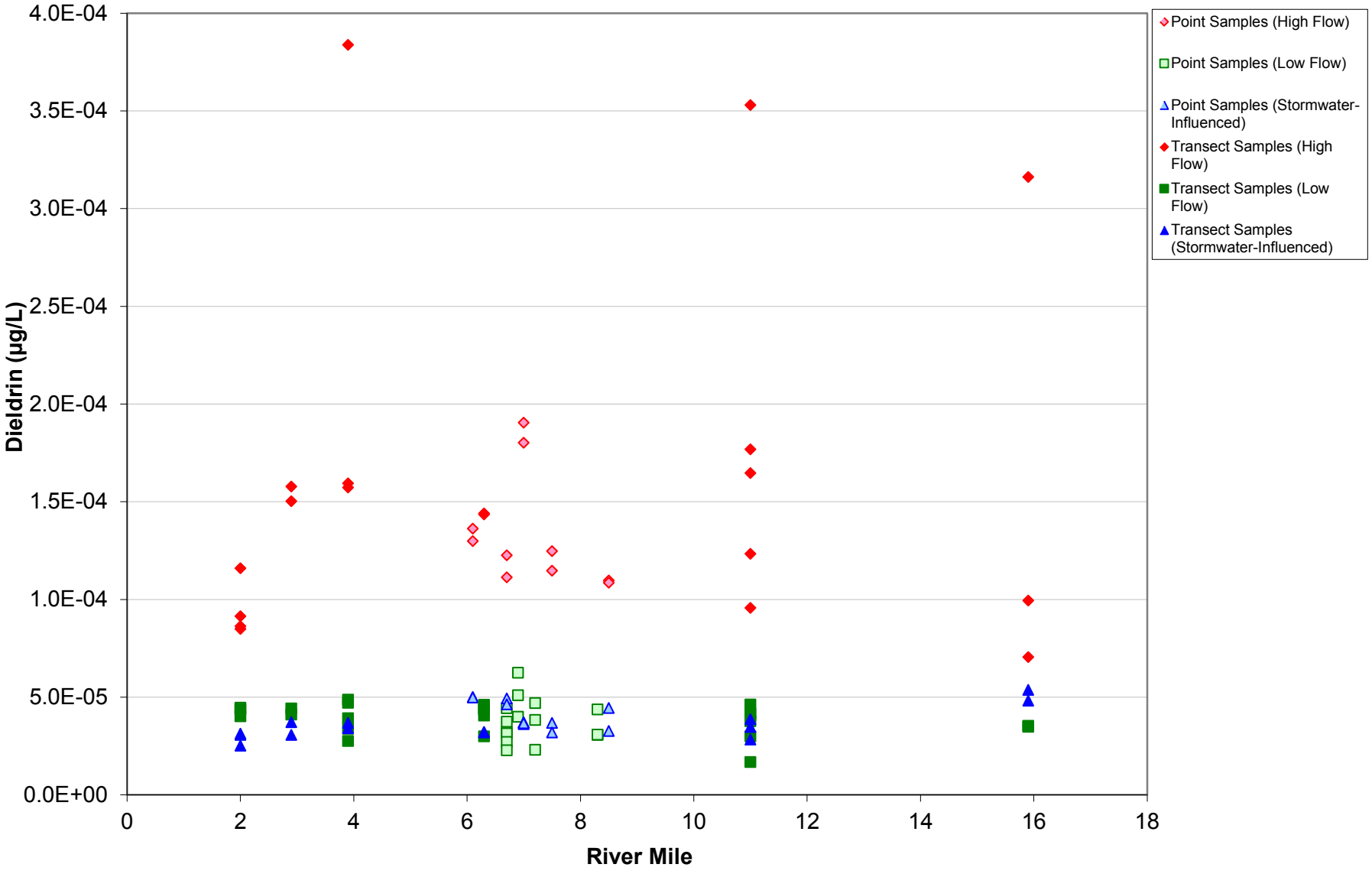
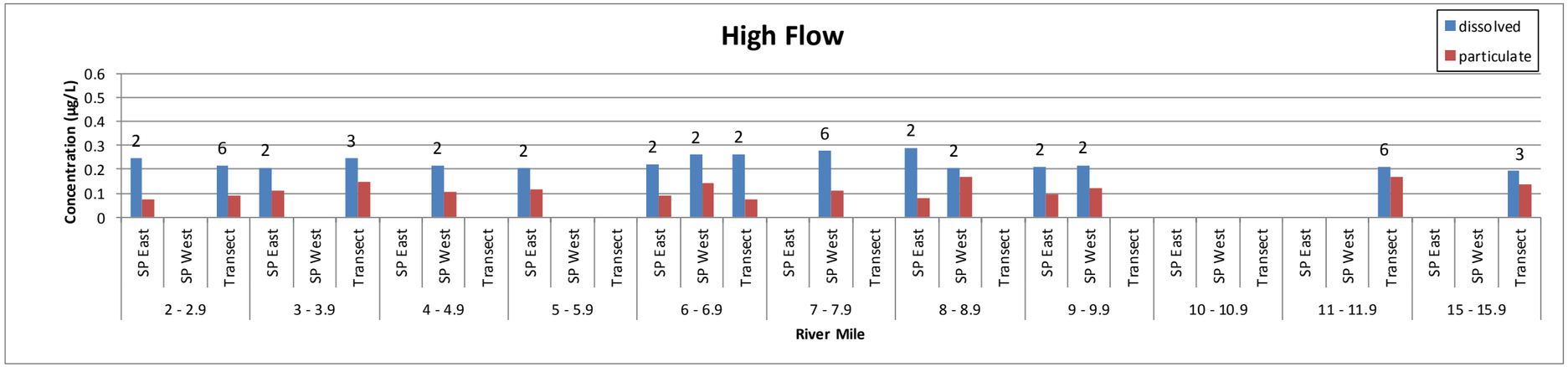
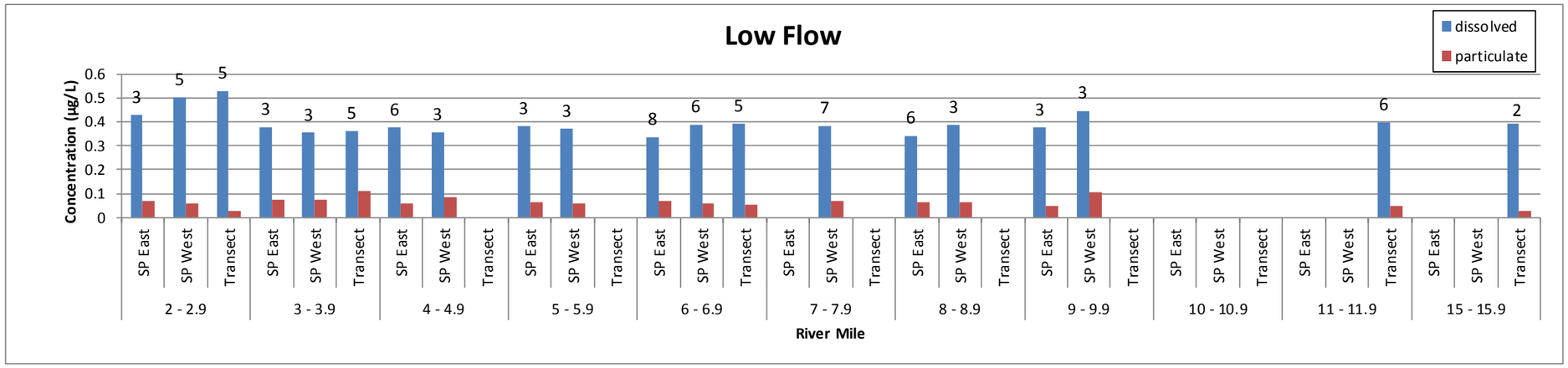


Figure 5.4-43
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Dieldrin Concentrations in
Surface Water by River Mile (RM 2-16)





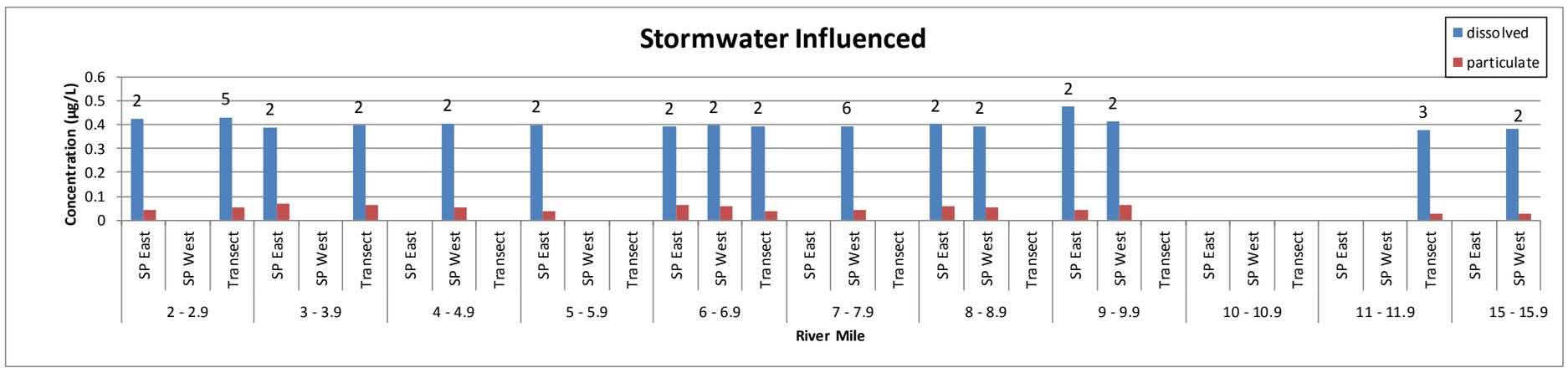


Figure 5.4-44
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Arsenic
Concentrations in Surface Water by Flow Event (RM 2-16)

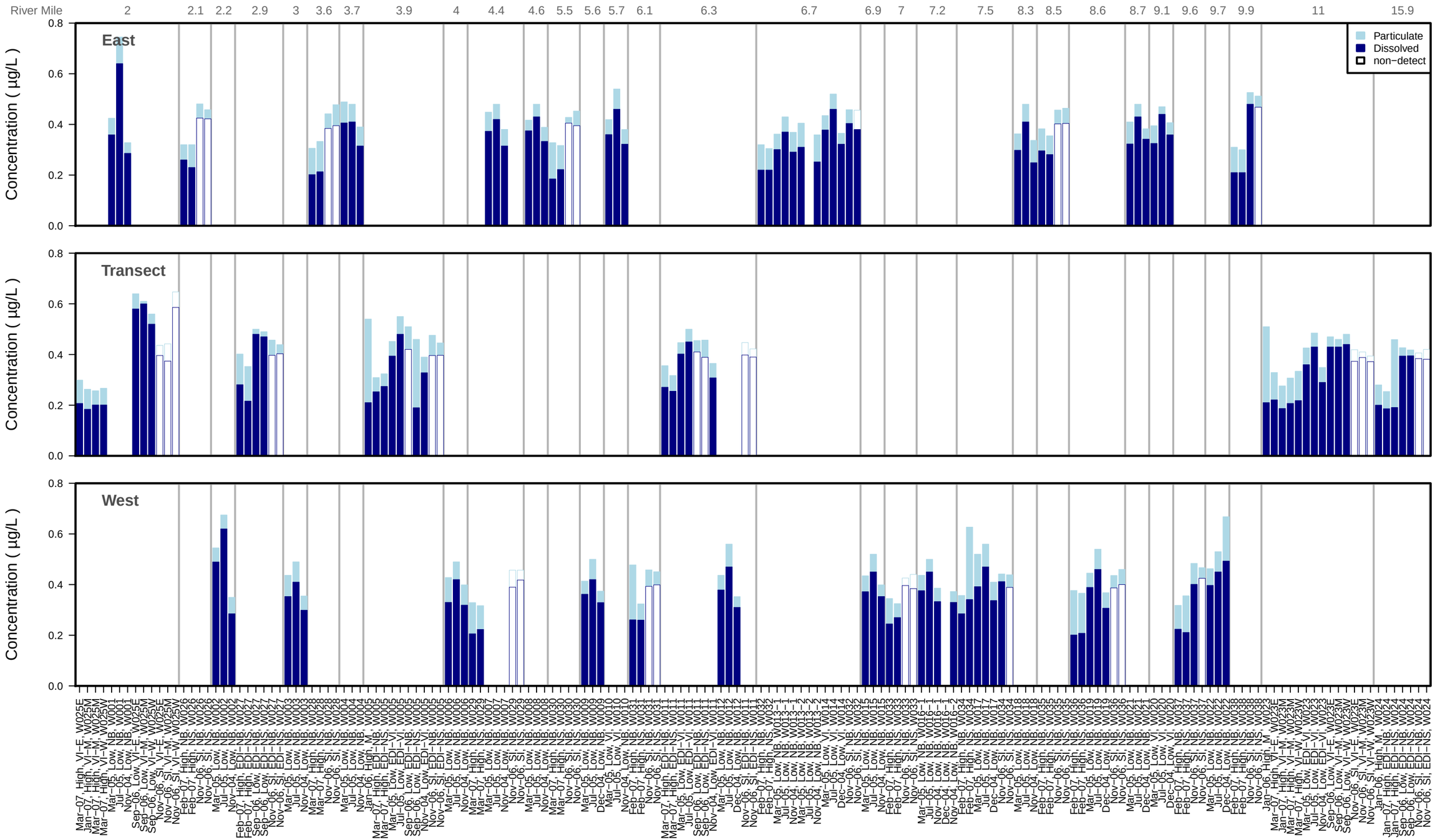


Figure 5.4−45
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Arsenic Concentrations in Surface Water, RM 2−16

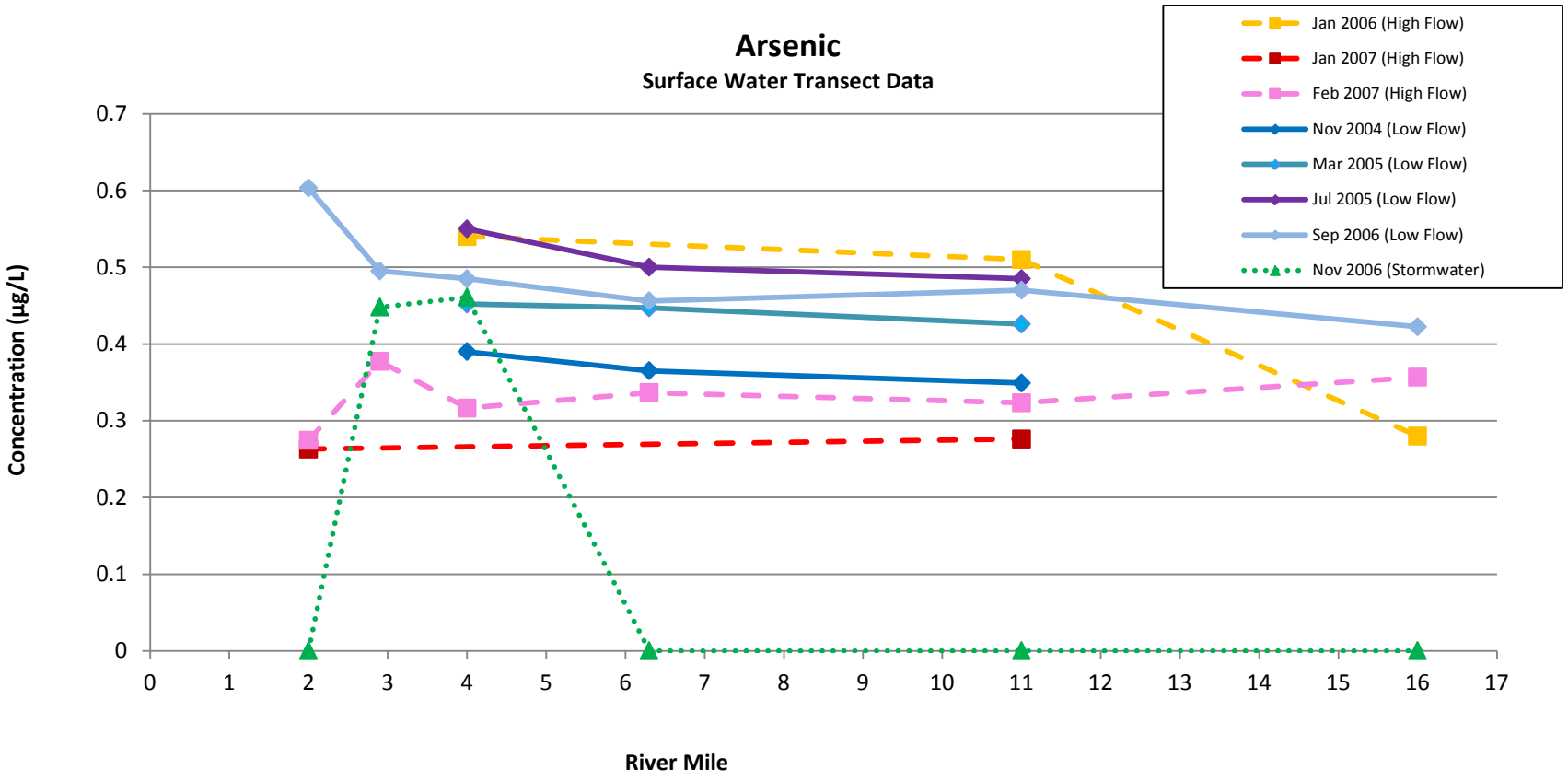


Figure 5.4-46
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Arsenic Concentrations in
Surface Water by River Mile (RM 2–16)

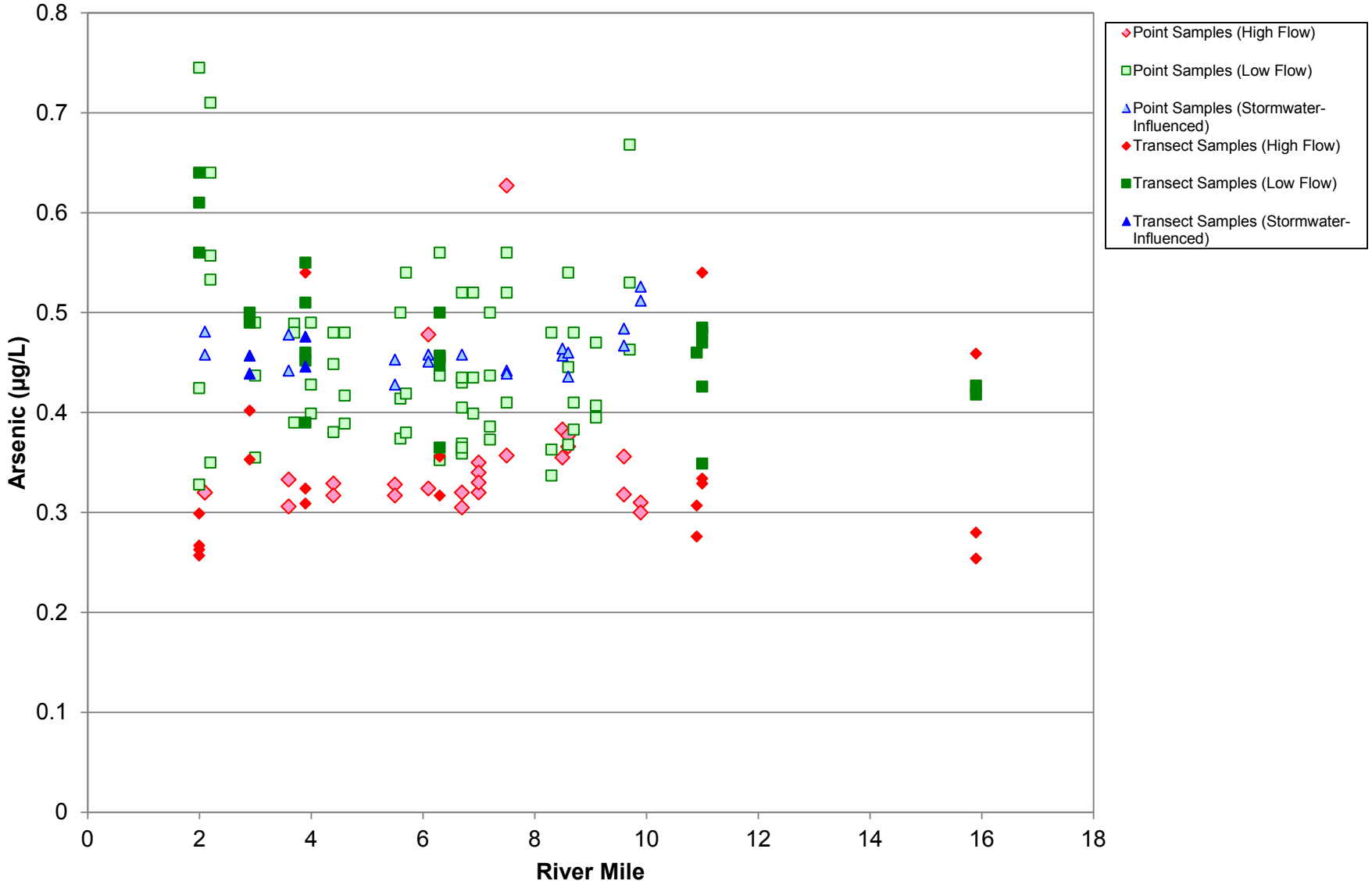
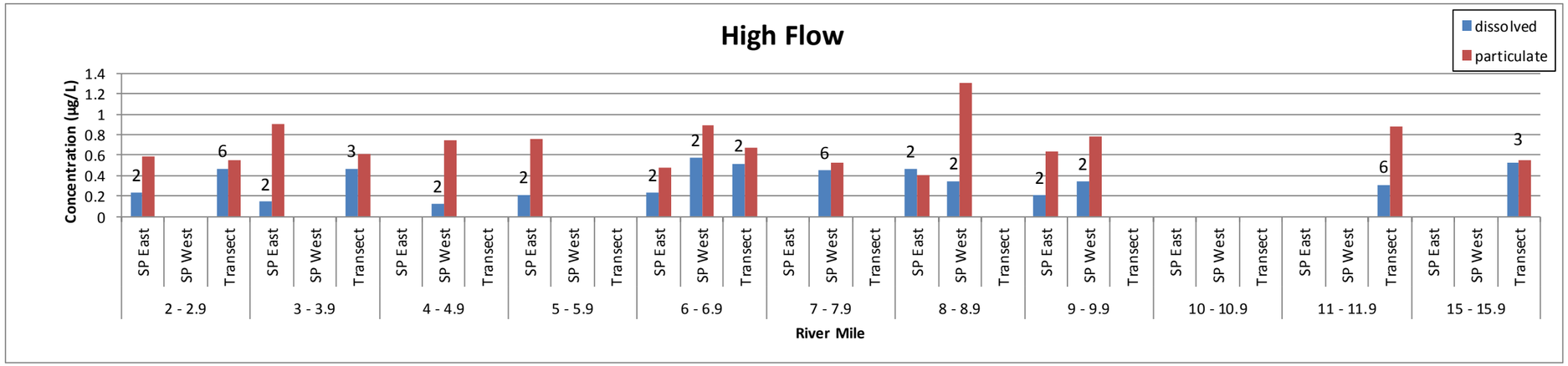
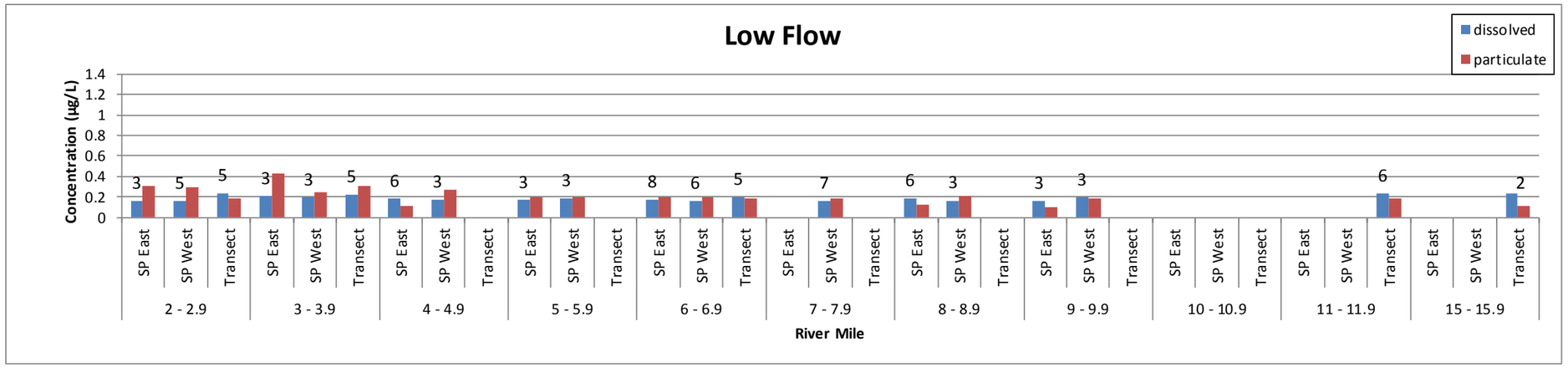


Figure 5.4-47
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Arsenic Concentrations in
Surface Water by River Mile (RM 2-16)





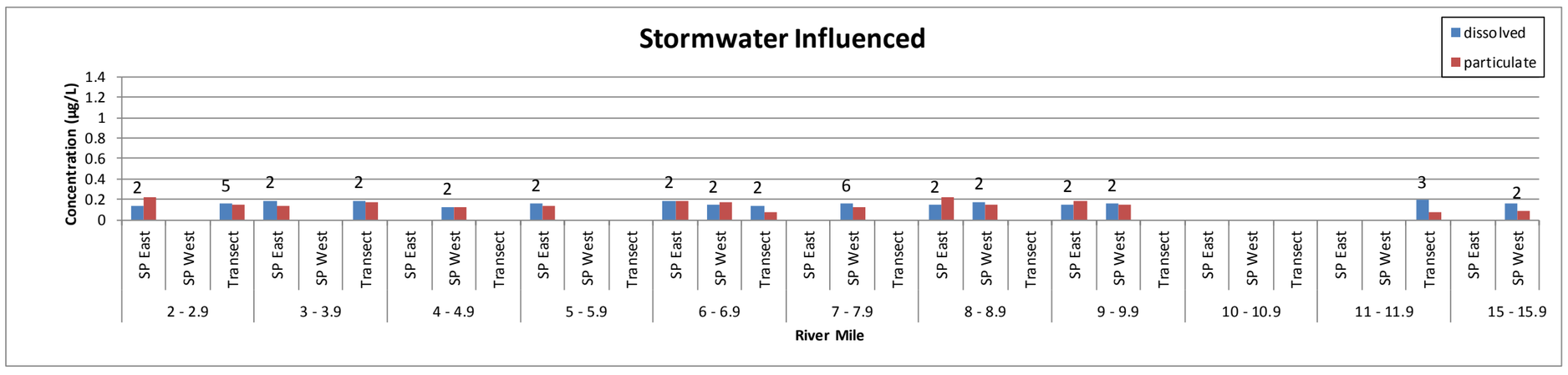


Figure 5.4-48
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Chromium
Concentrations in Surface Water by Flow Event (RM 2-16)

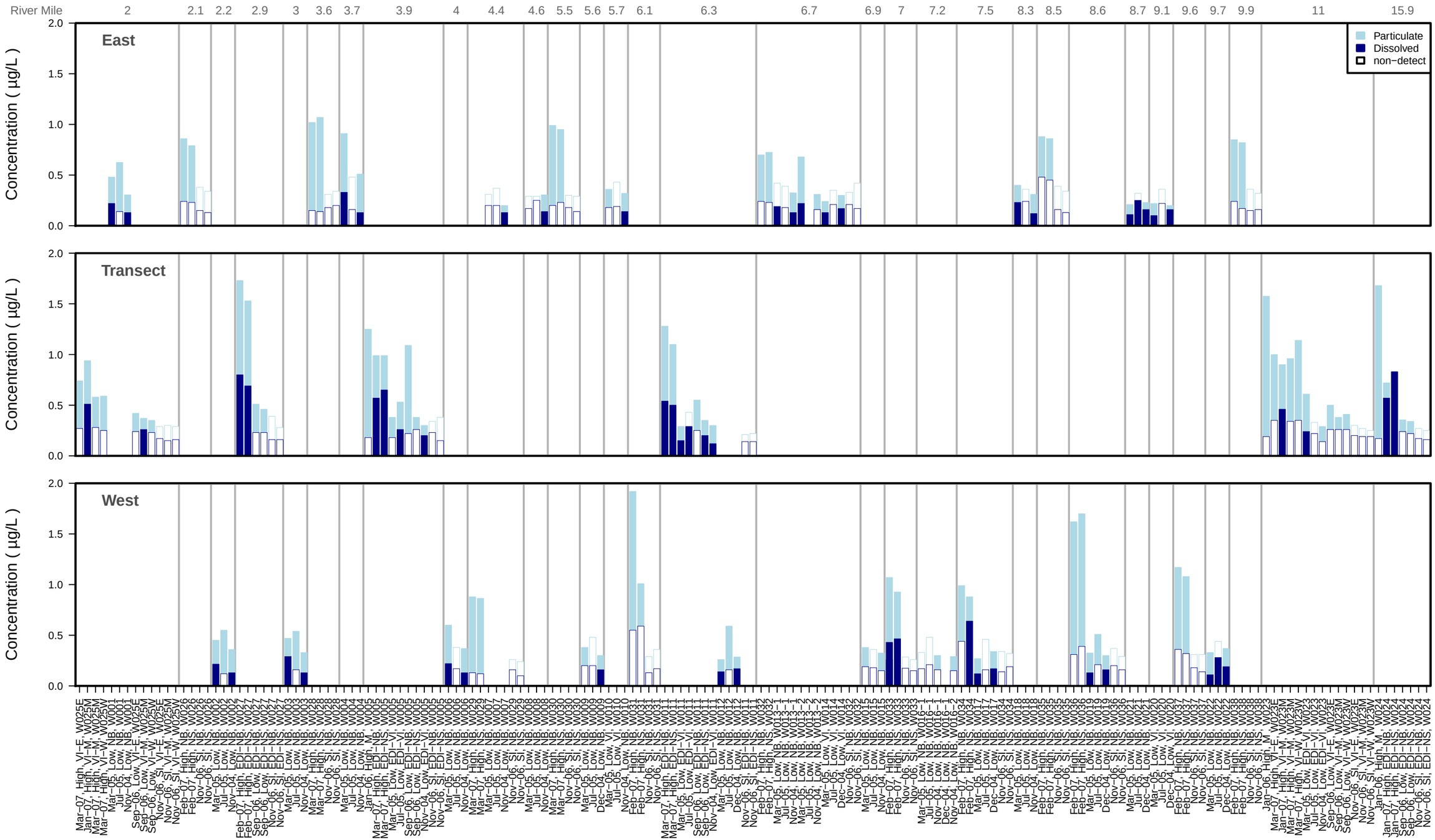


Figure 5.4−49
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Chromium Concentrations in Surface Water, RM 2−16

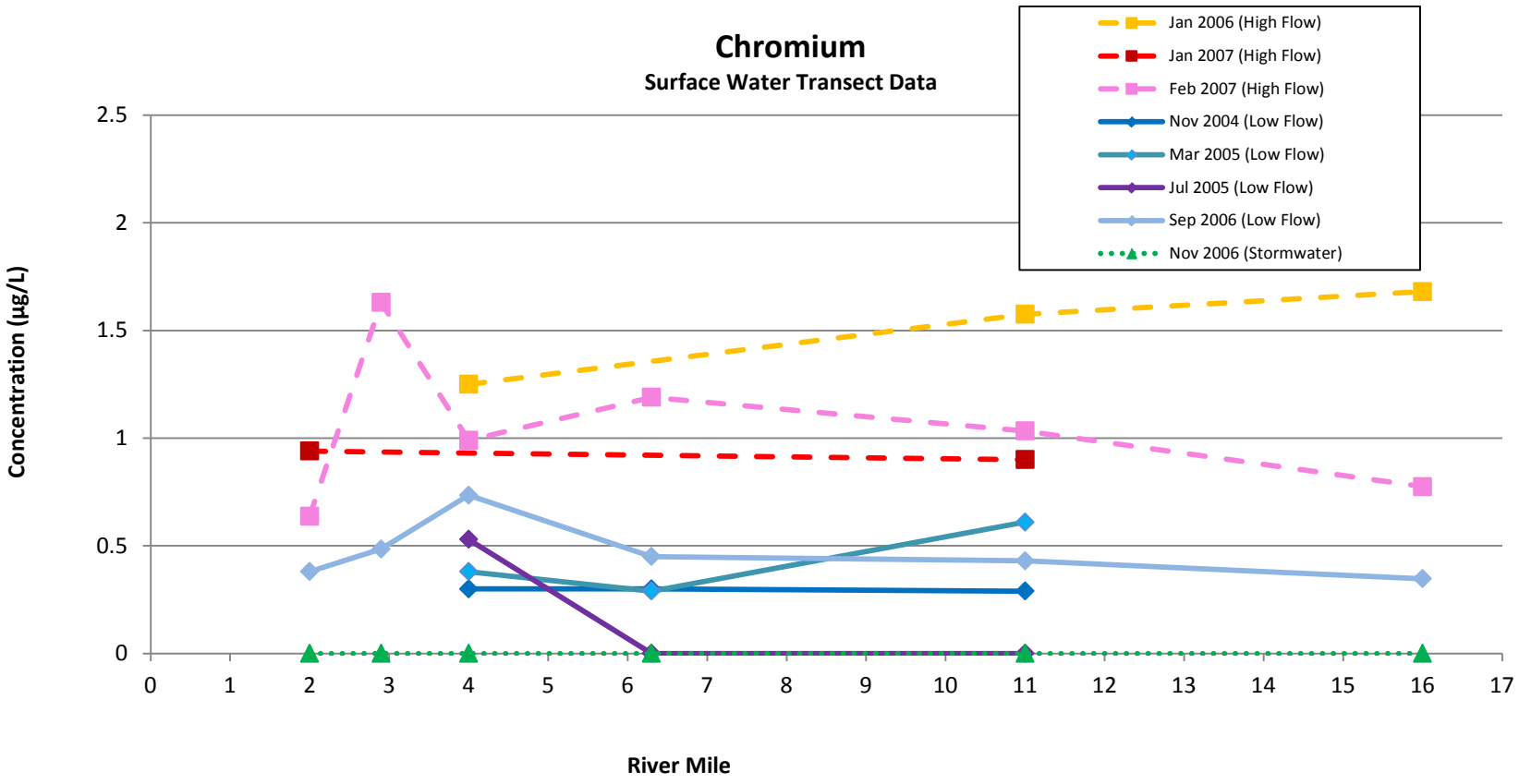


Figure 5.4-50
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Chromium Concentrations in
Surface Water by River Mile (RM 2–16)

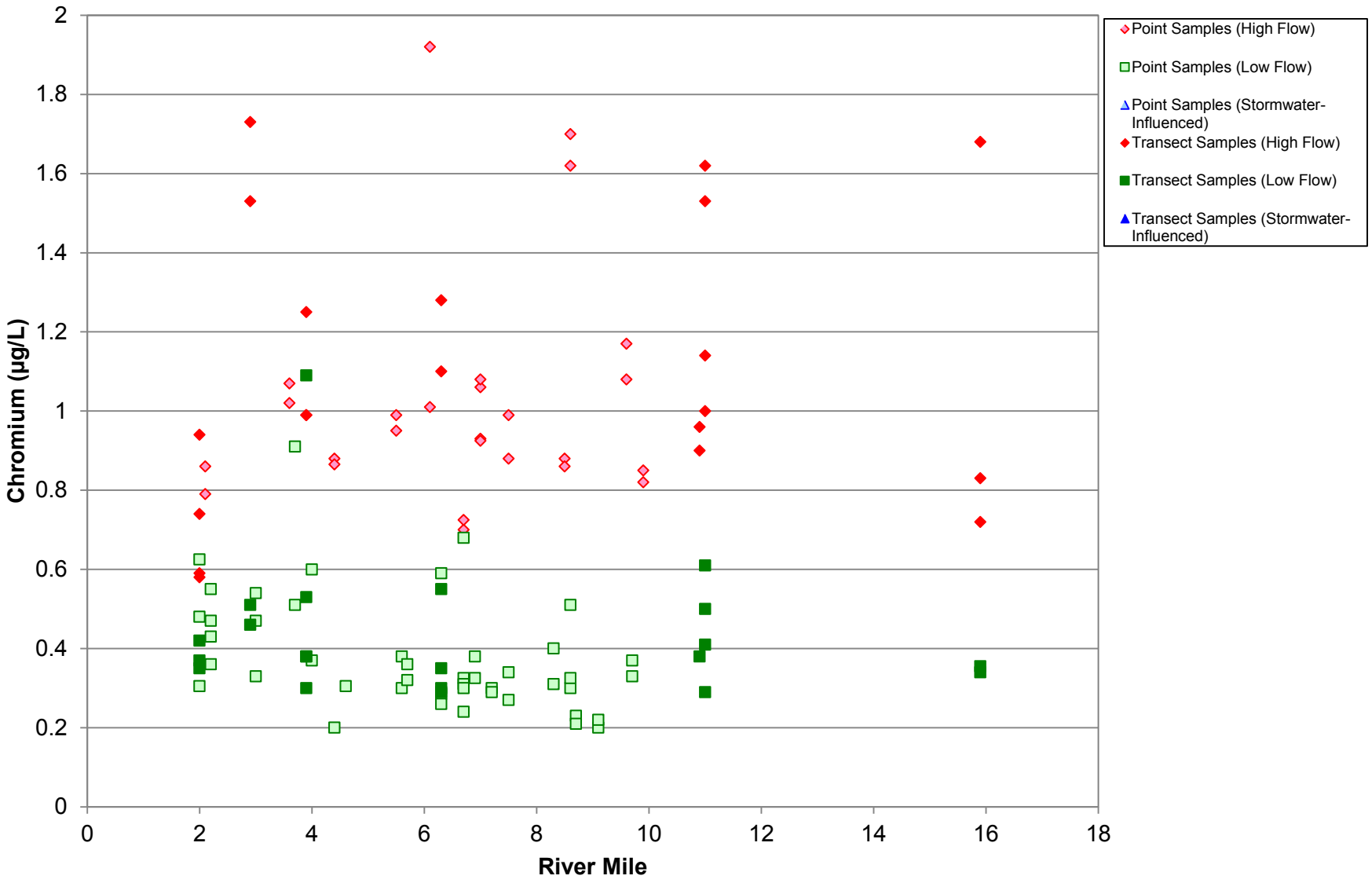
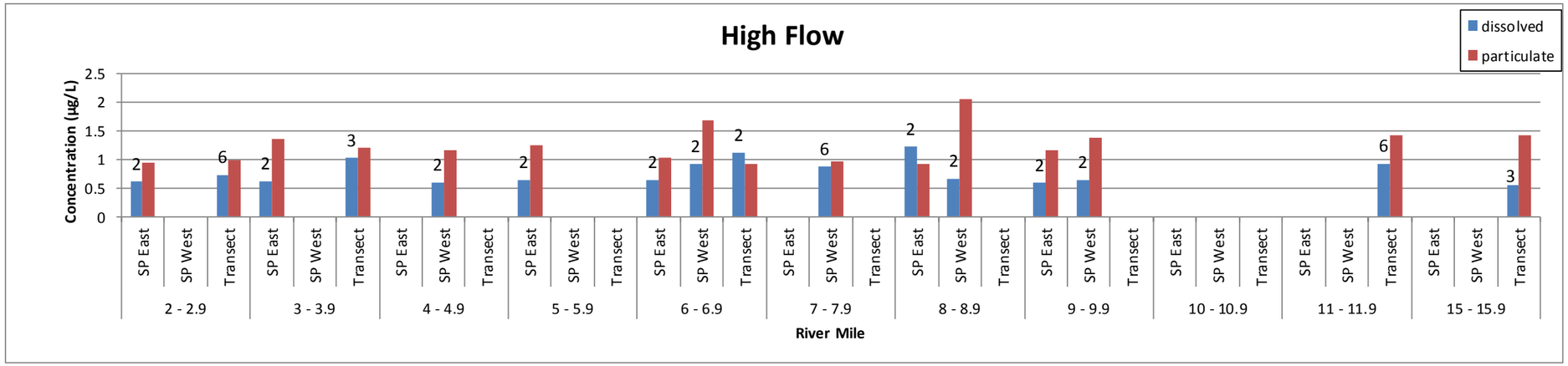
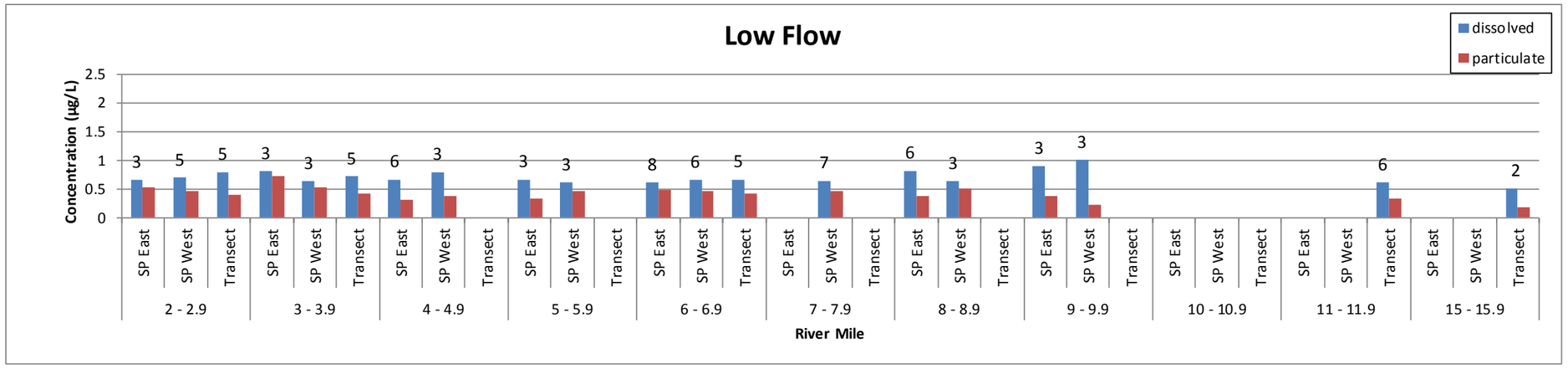


Figure 5.4-51
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Chromium Concentrations in Surface Water by River Mile (RM 2-16)





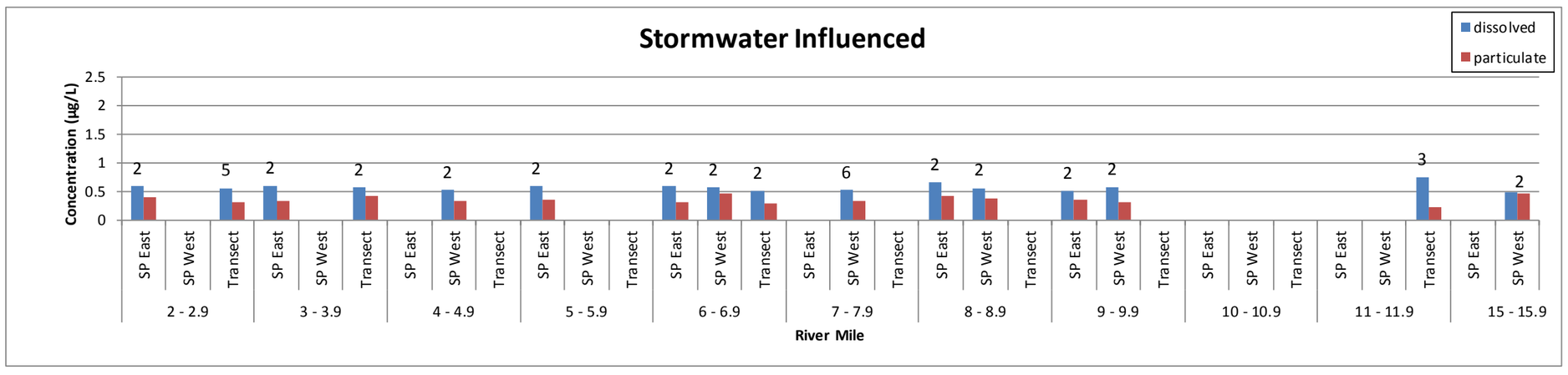


Figure 5.4-52
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Copper
Concentrations in Surface Water by Flow Event (RM 2-16)

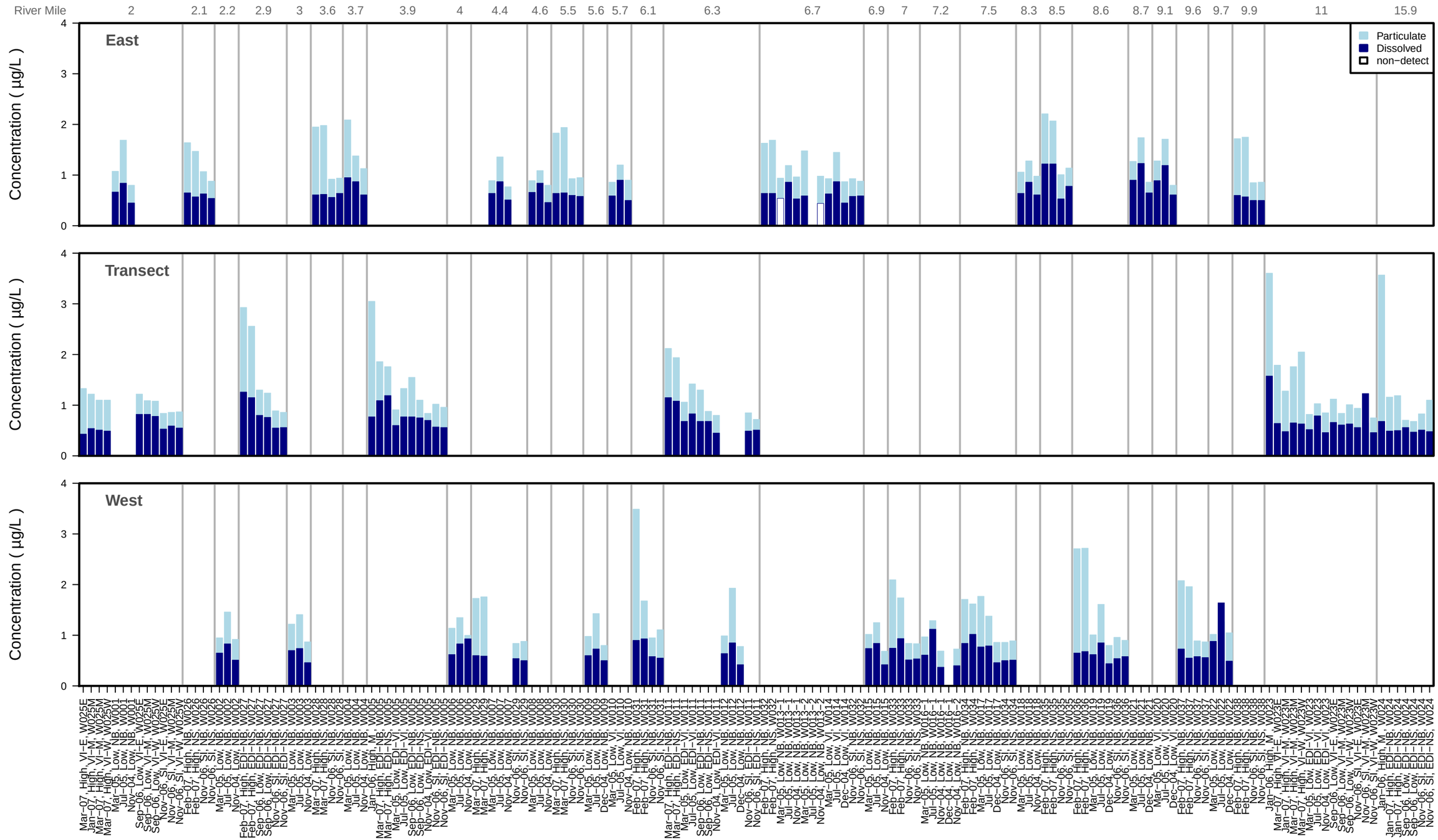


Figure 5.4–53
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Copper Concentrations in Surface Water, RM 2–16

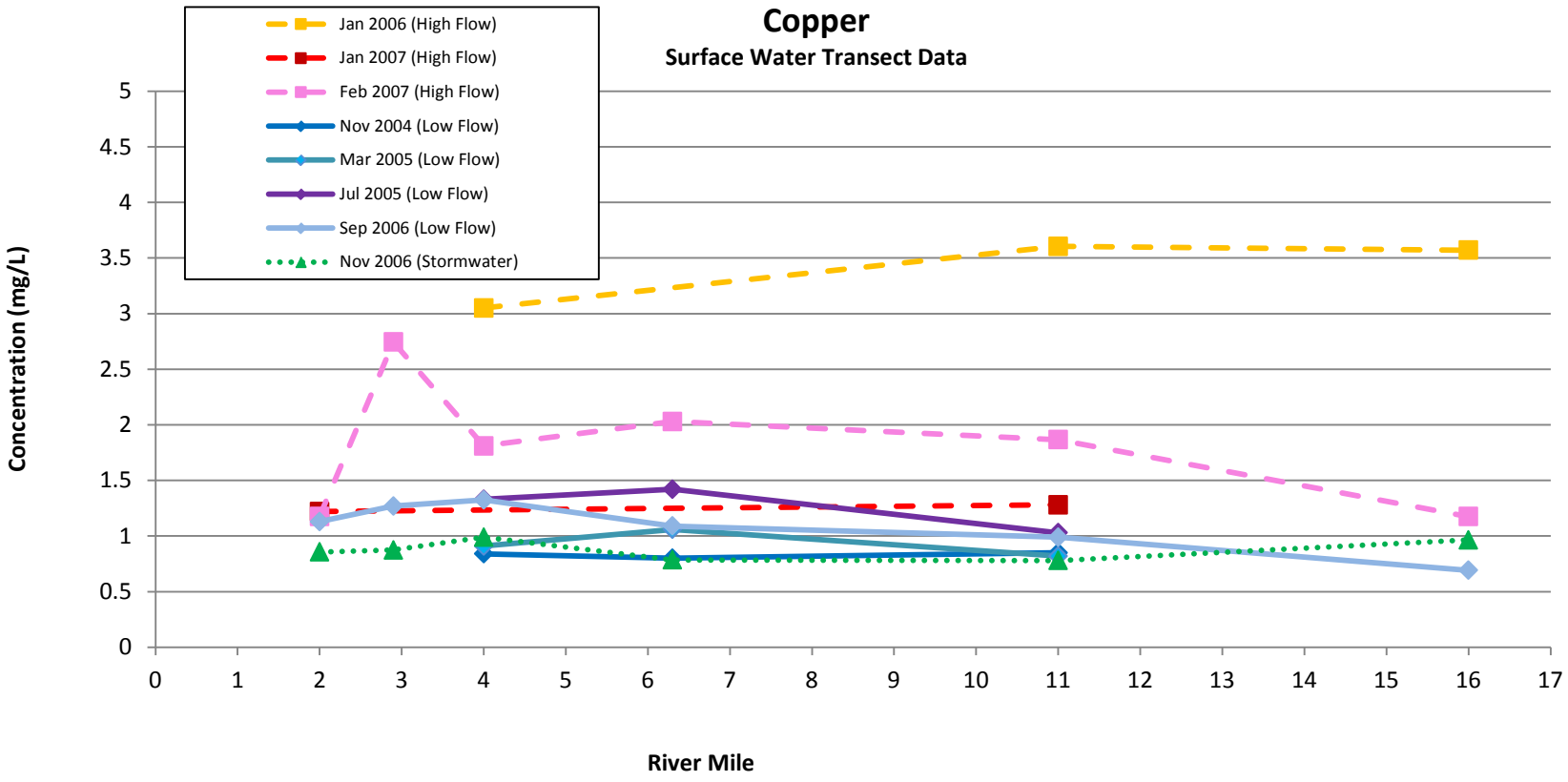


Figure 5.4-54
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Copper Concentrations in
Surface Water by River Mile (RM 2–16)

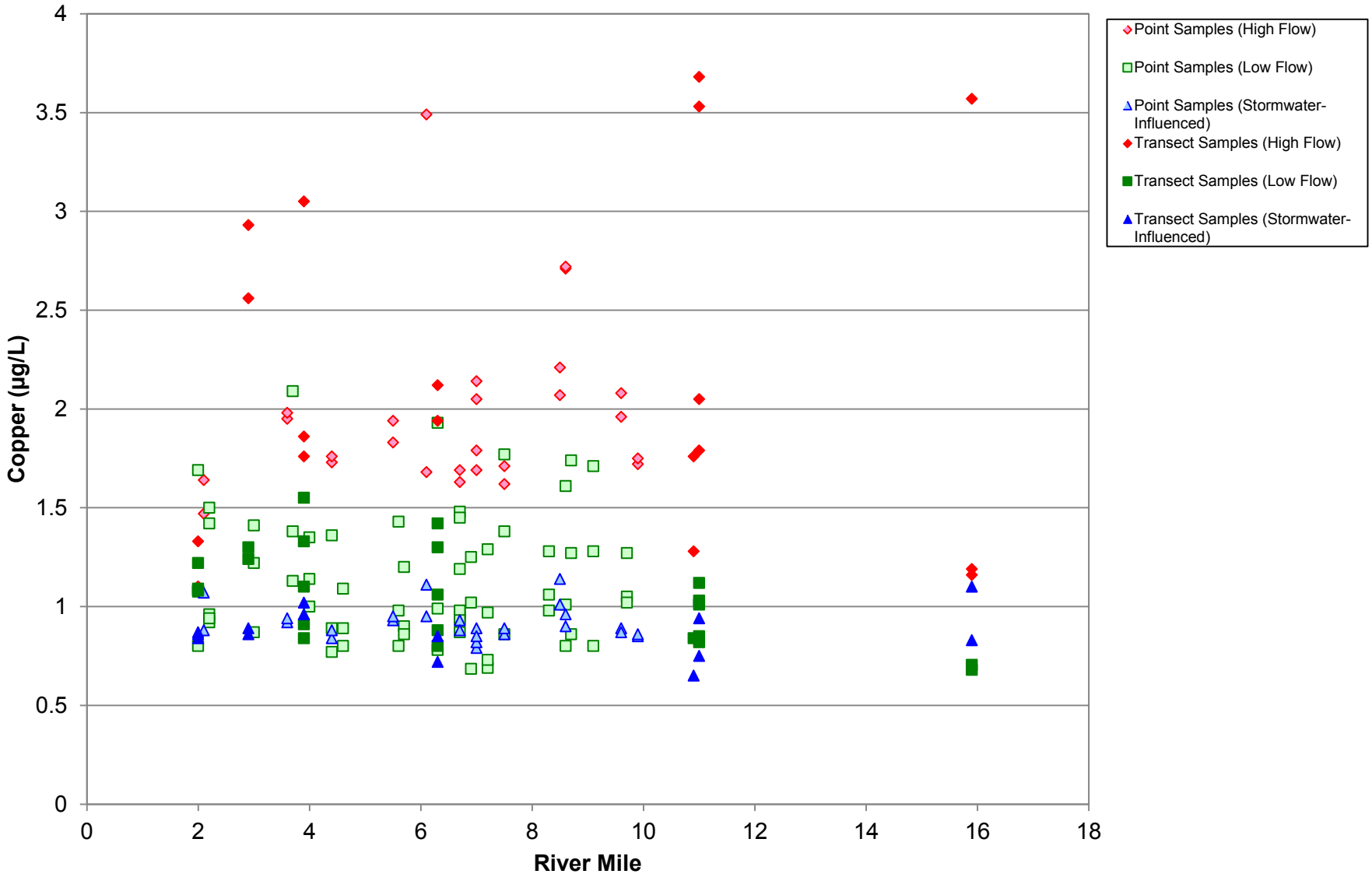
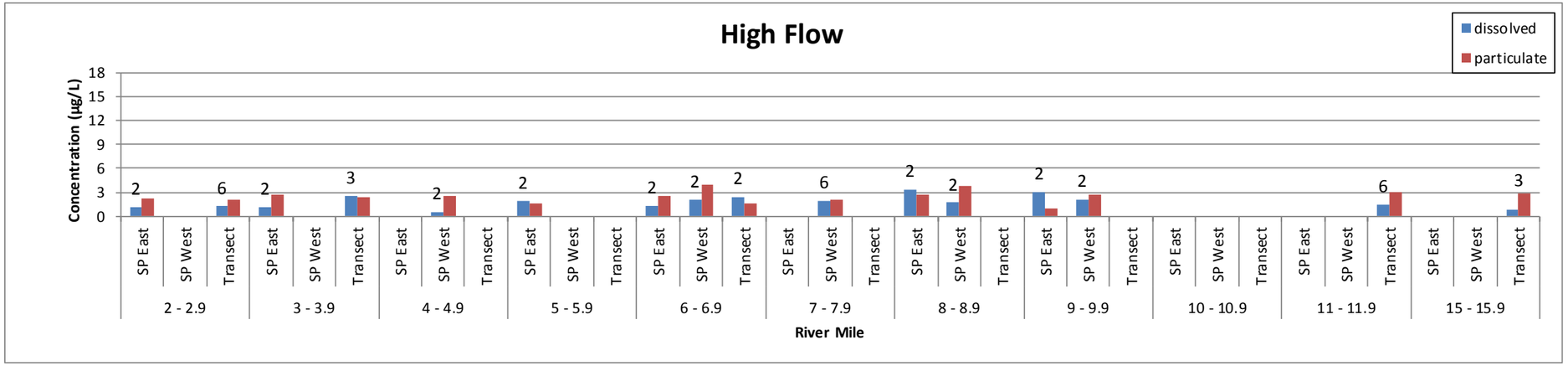
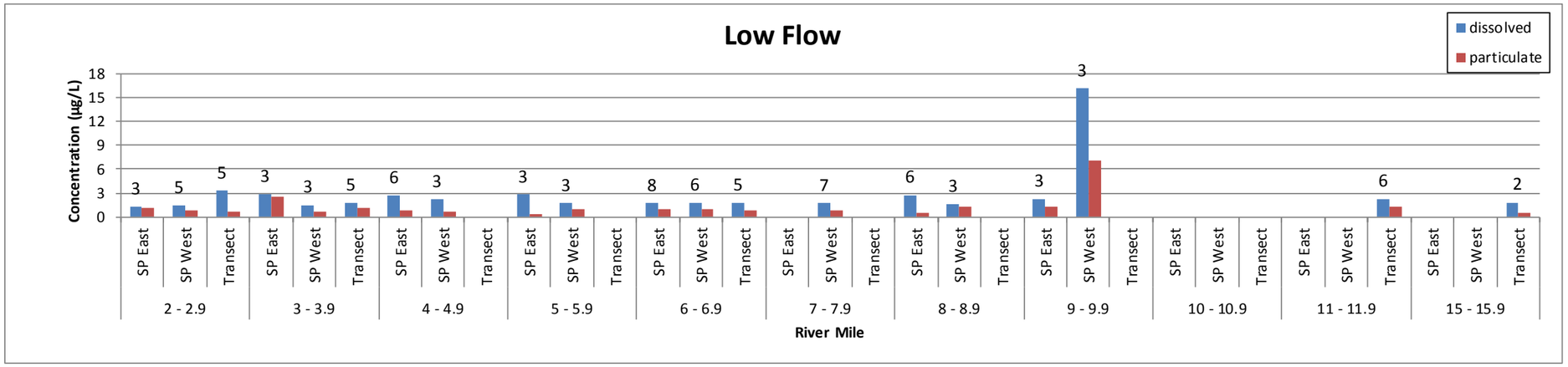


Figure 5.4-55
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Copper Concentrations in Surface Water by River Mile (RM 2-16)





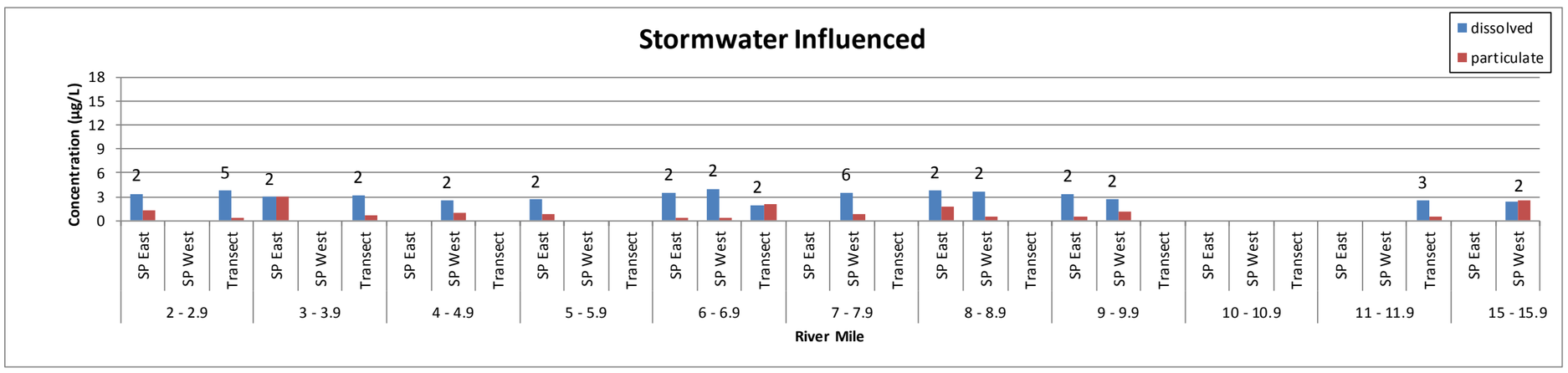


Figure 5.4-56
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point Zinc
Concentrations in Surface Water by Flow Event (RM 2-16)

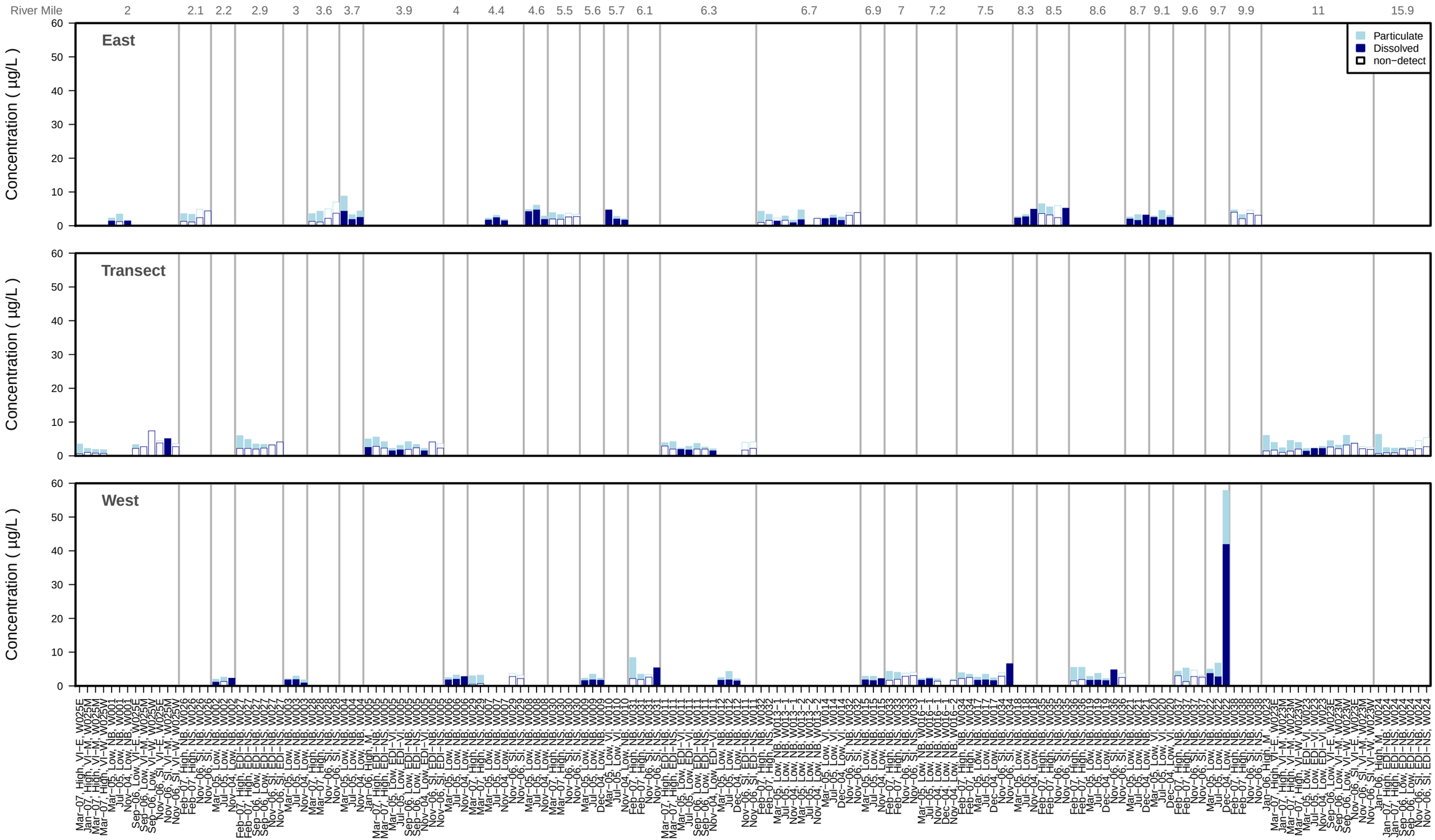


Figure 5.4−57a
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Zinc Concentrations in Surface Water, RM 2−16

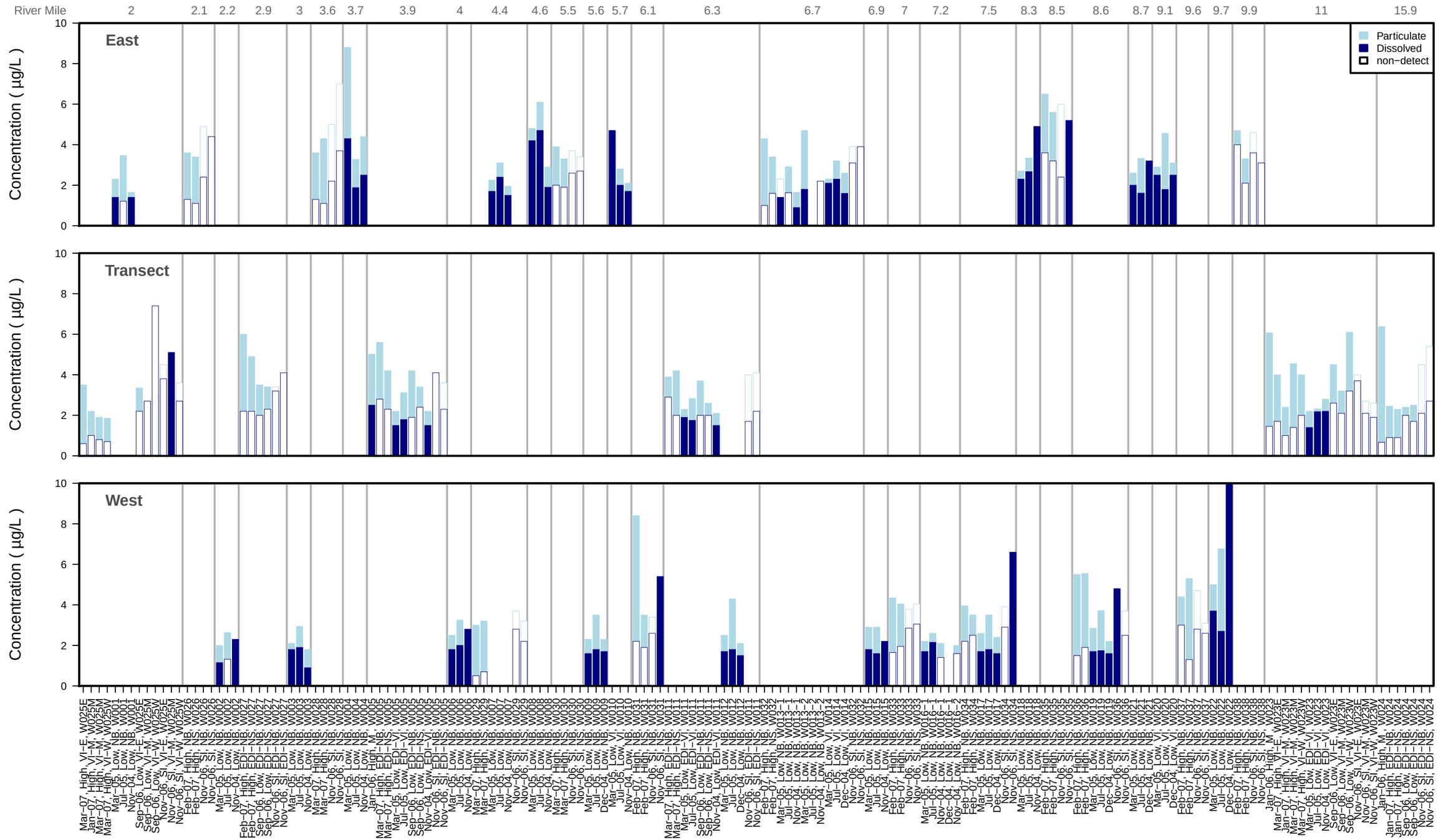


Figure 5.4– 57b
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Zinc Concentrations in Surface Water, RM 2−16 (Scale Zoomed)

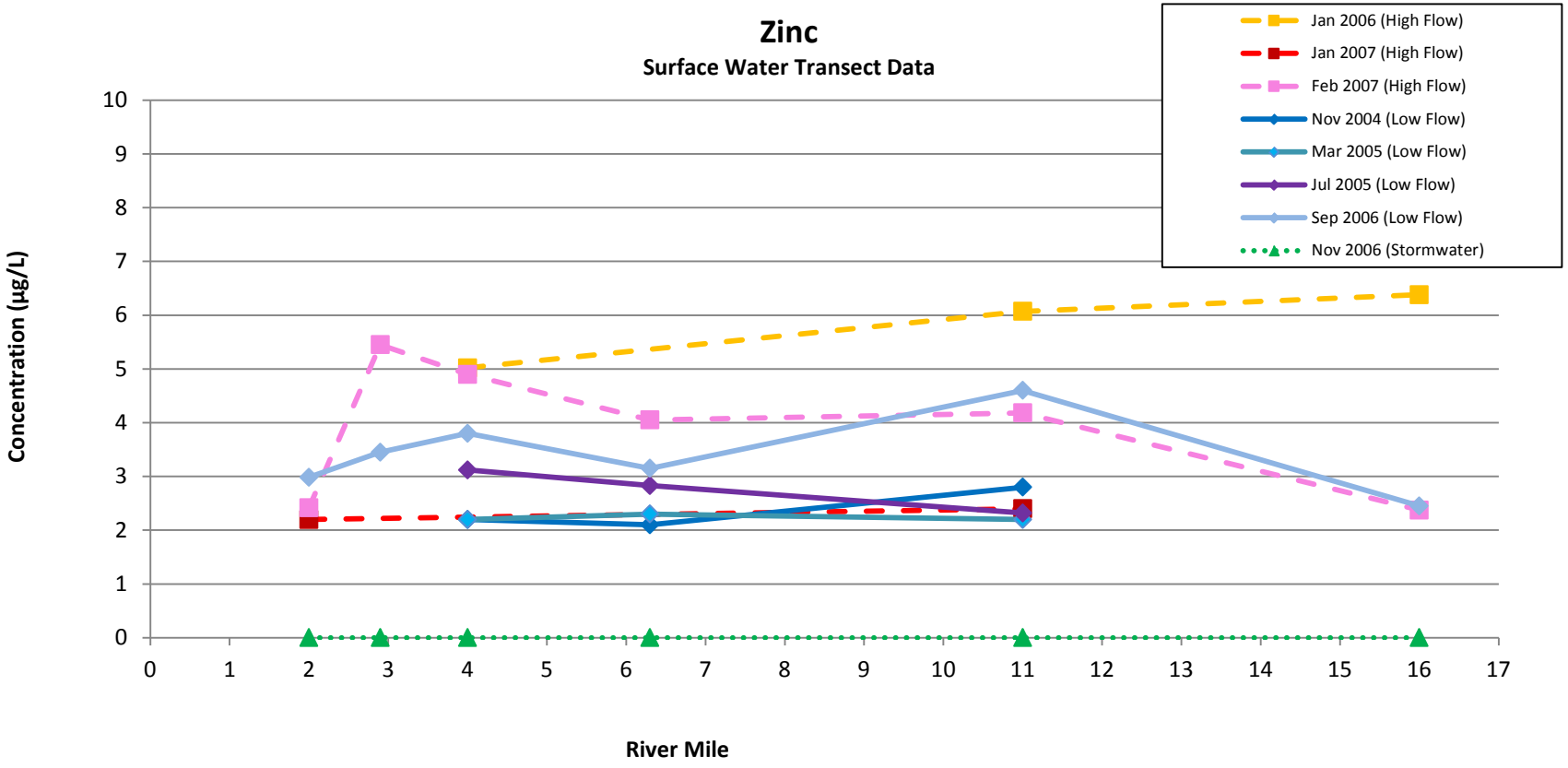


Figure 5.4-58
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect Zinc Concentrations in
Surface Water by River Mile (RM 2–16)

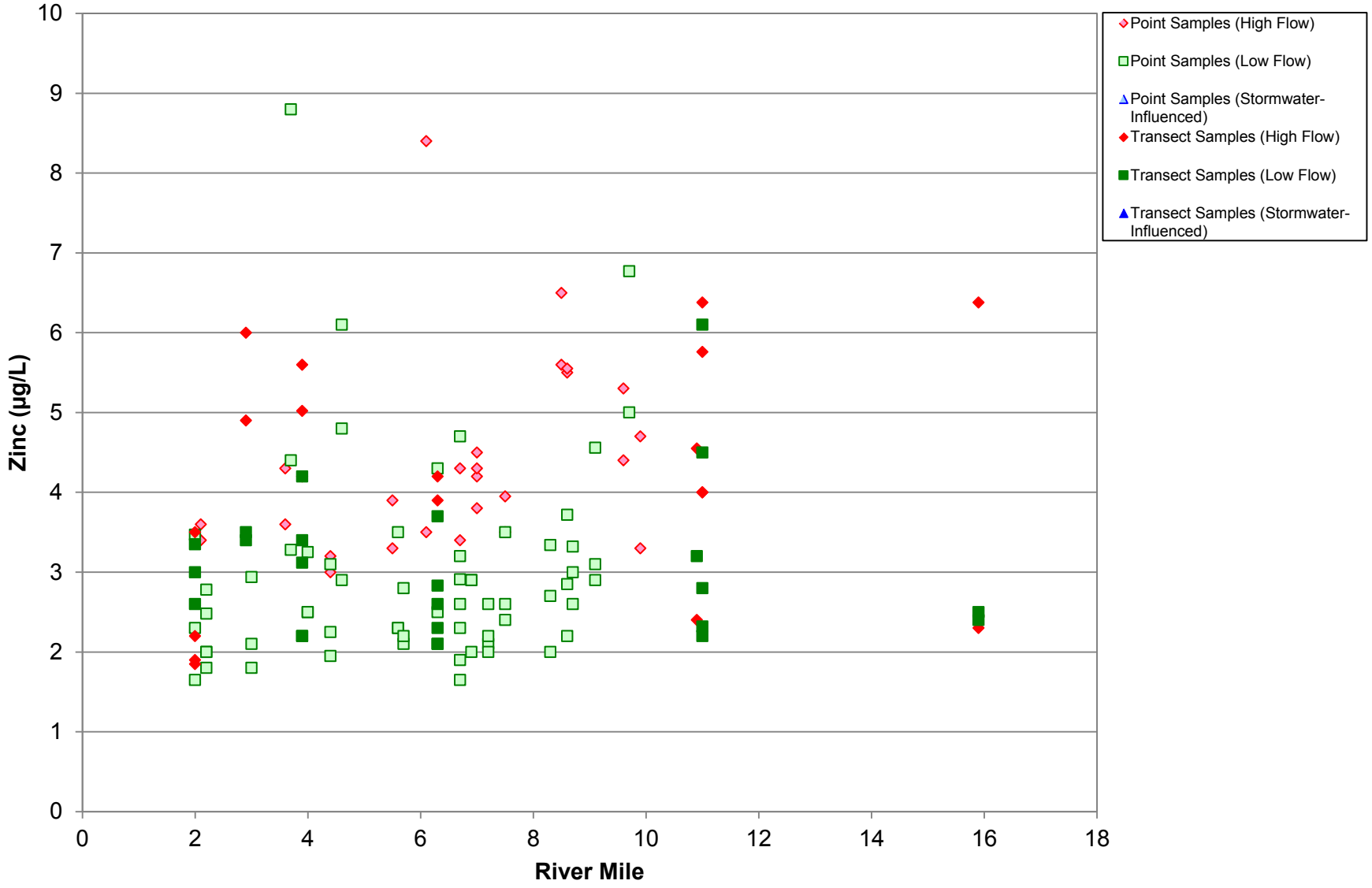
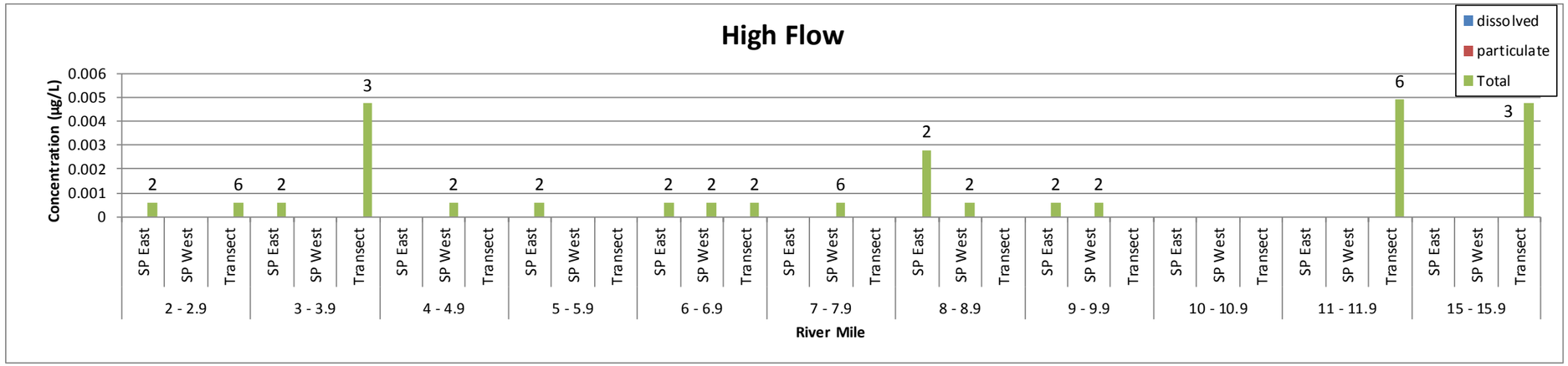
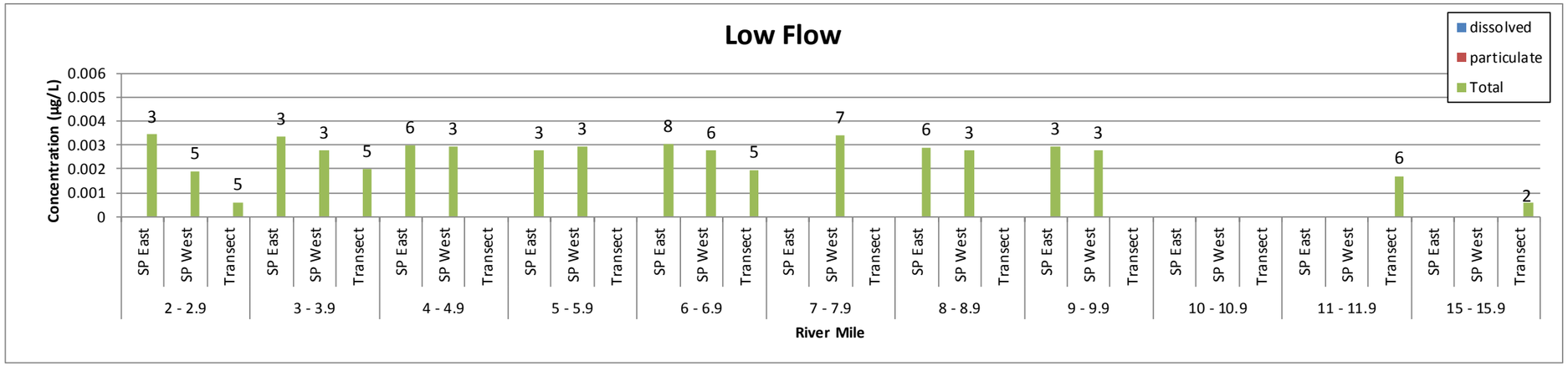


Figure 5.4-59
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected Zinc Concentrations in
Surface Water by River Mile (RM 2-16)





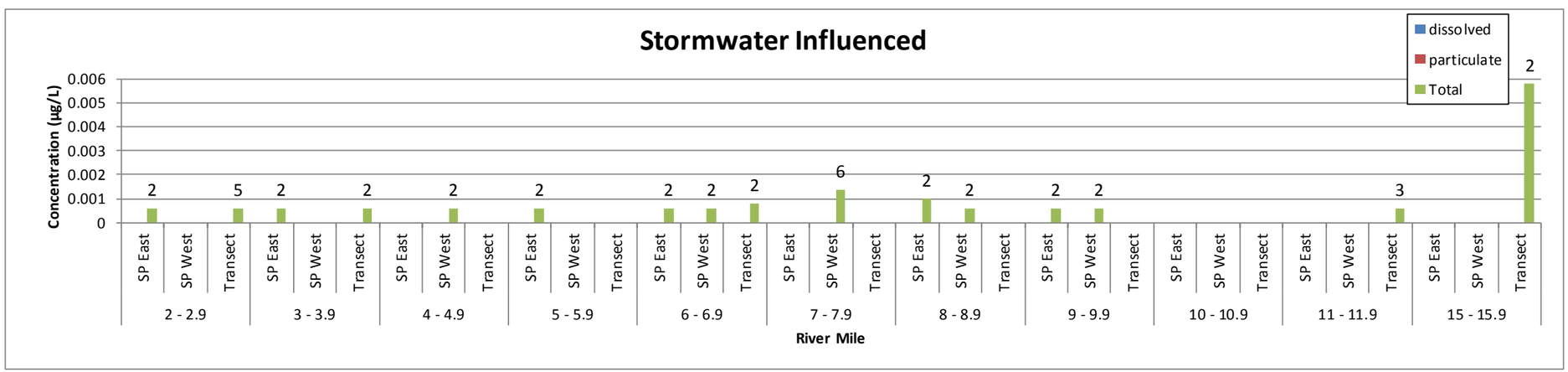


Figure 5.4-60
Portland Harbor RI/FS
Remedial Investigation Report
Histogram of Transect and Mean Single-Point TBT
Concentrations in Surface Water by Flow Event (RM 2-16)

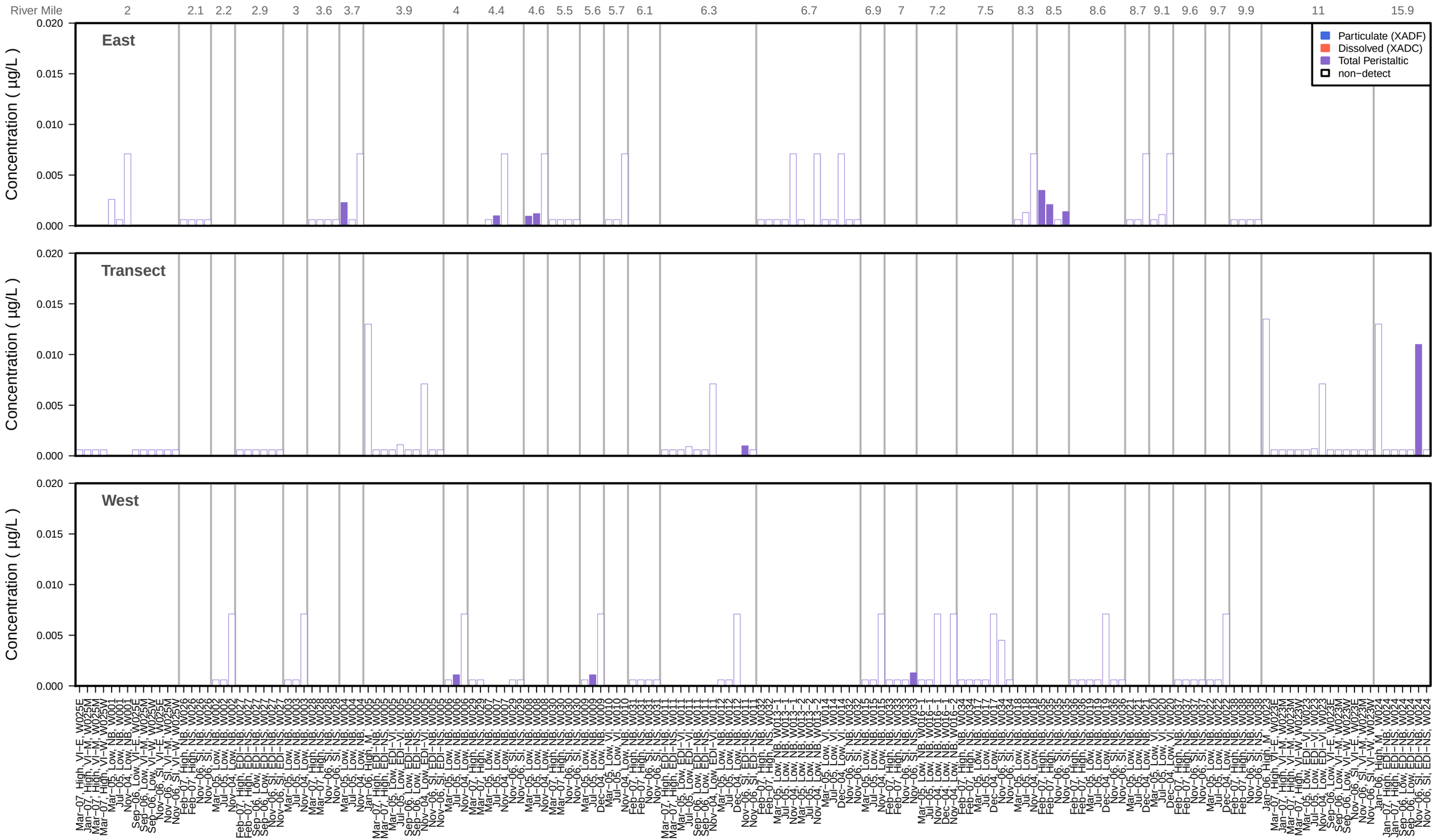


Figure 5.4−61
Portland Harbor RI/FS
Remedial Investigation Report
Histogram by Channel Position of Tributyltin Ion Concentrations in Surface Water, RM 2−16

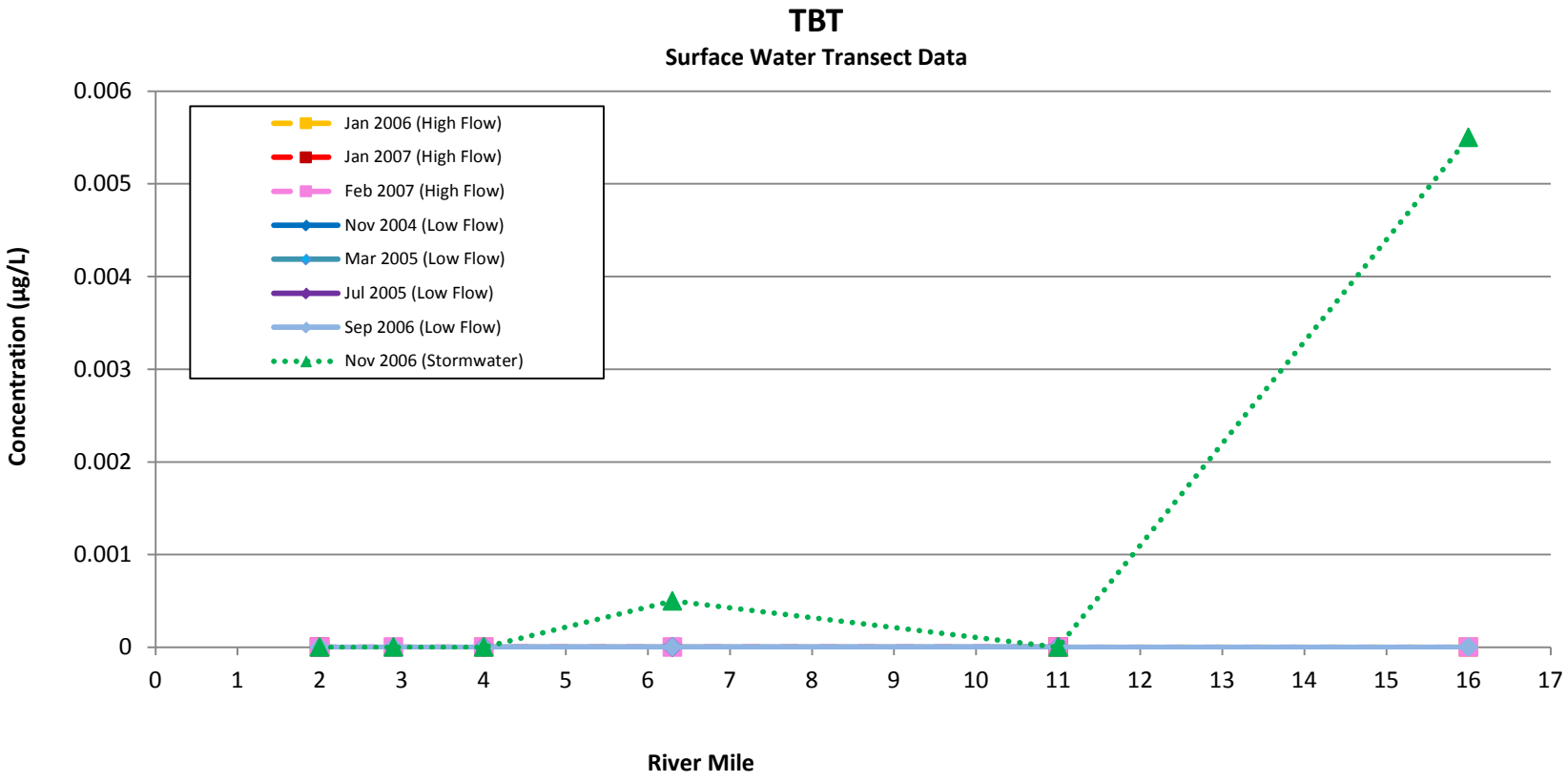


Figure 5.4-62
Portland Harbor RI/FS
Remedial Investigation Report
Line Plot of Transect TBT Concentrations in
Surface Water by River Mile (RM 2–16)

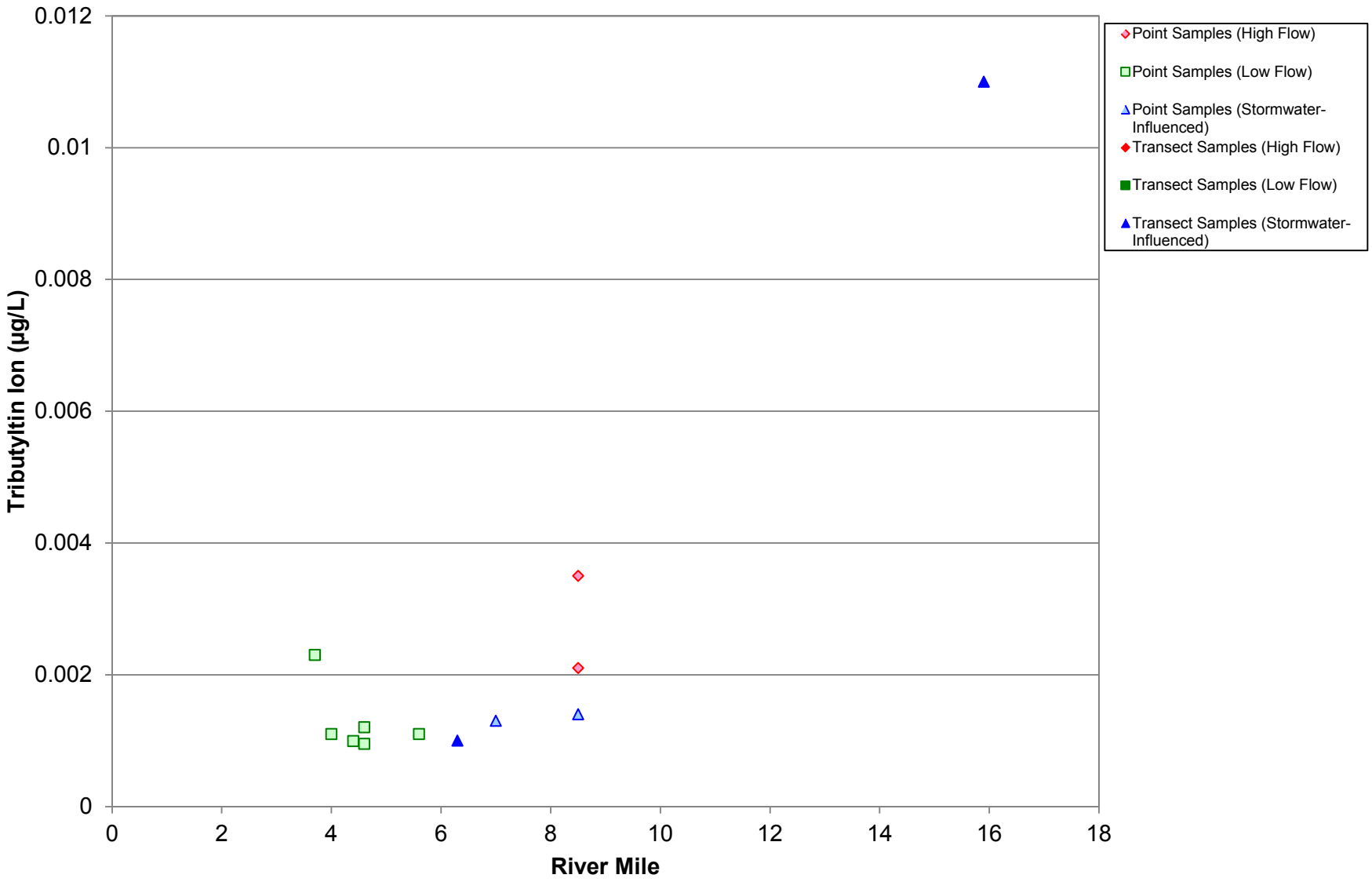


Figure 5.4-63
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Detected TBT Concentrations in
Surface Water by River Mile (RM 2-16)

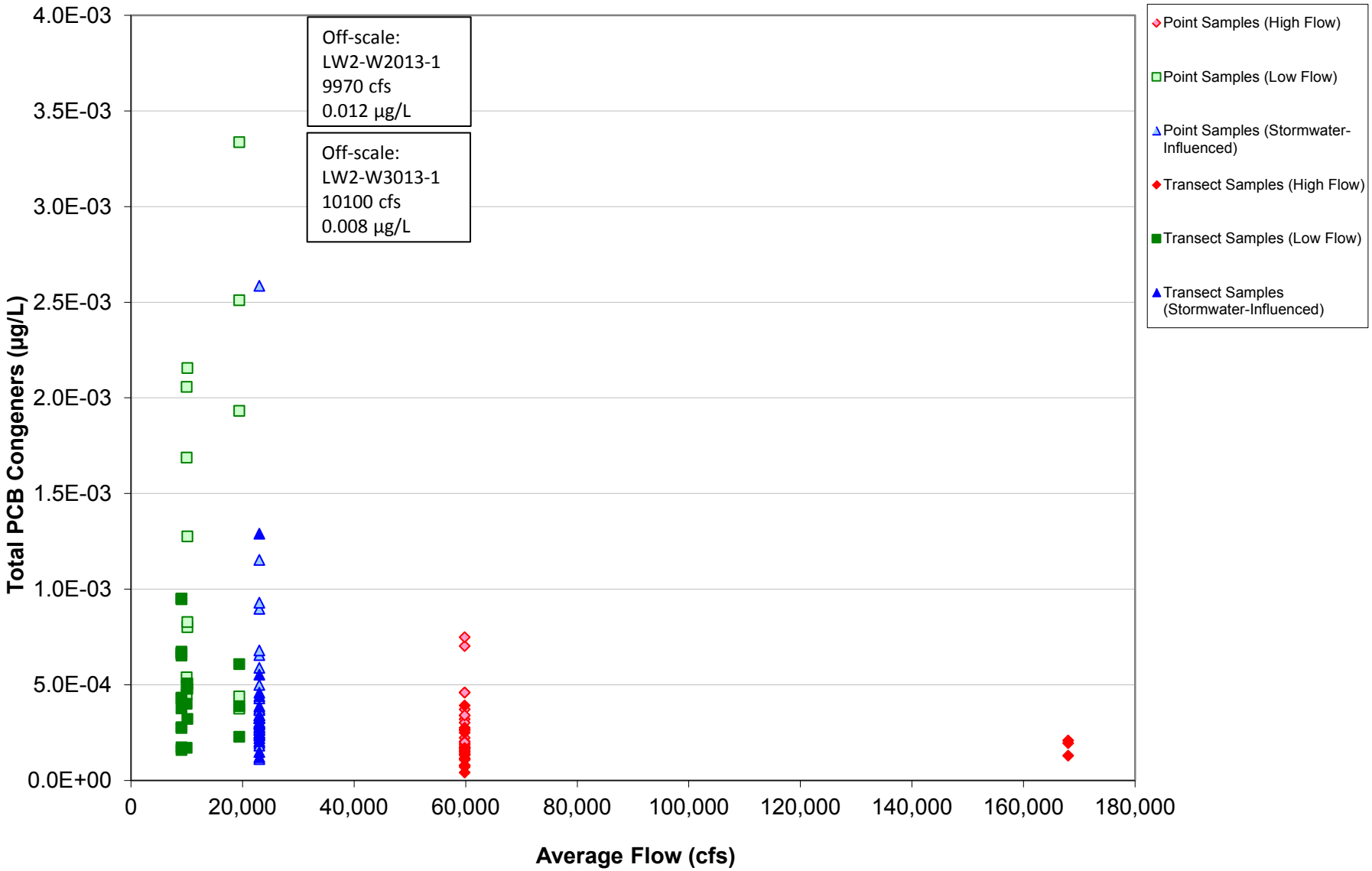


Figure 5.4-64
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Concentrations in
Surface Water vs. Flow Rate, RM 2–16 (XAD)

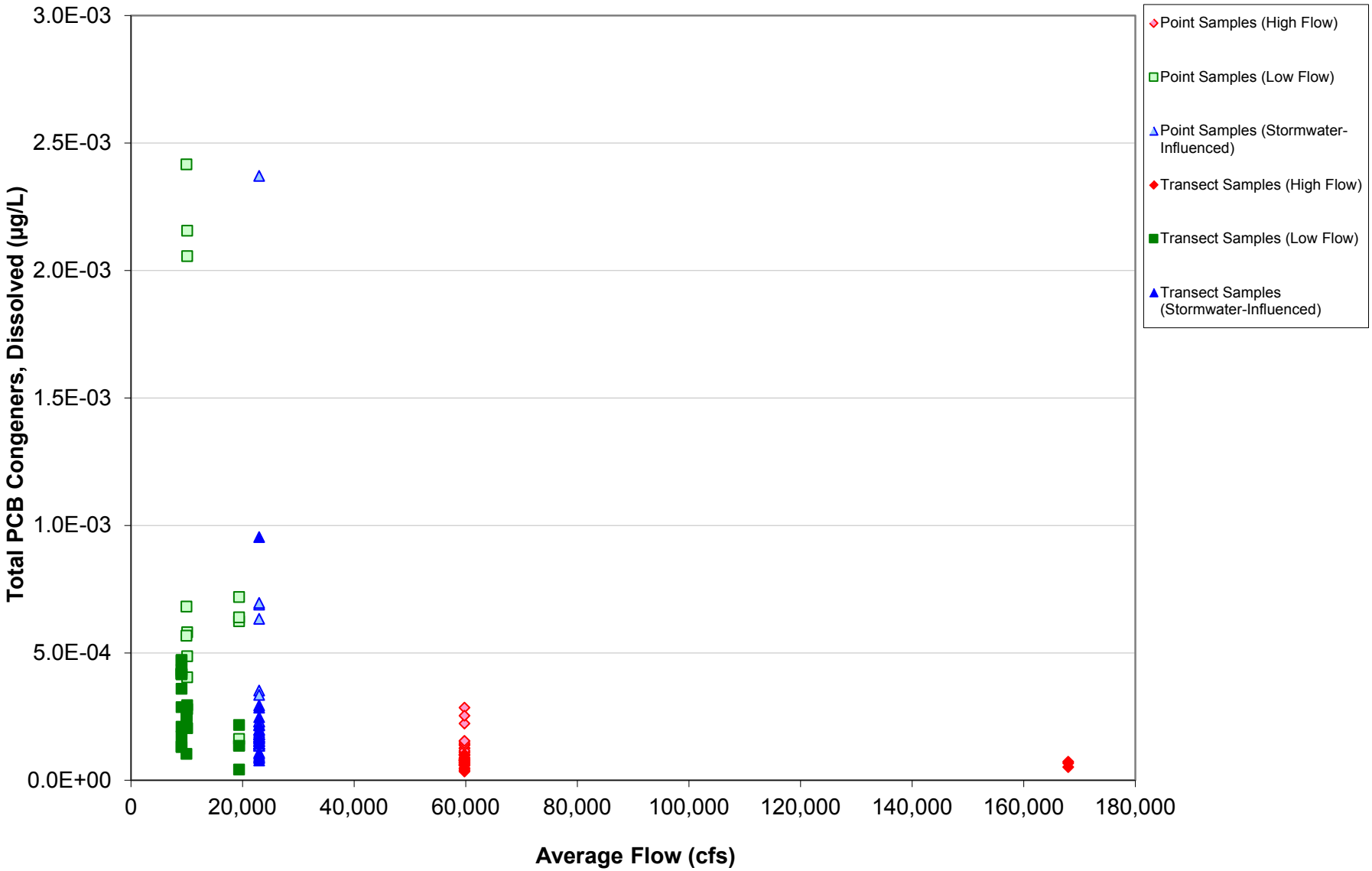


Figure 5.4-65
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Dissolved Concentrations in Surface Water vs. Flow Rate, RM 2–16 (XAD)

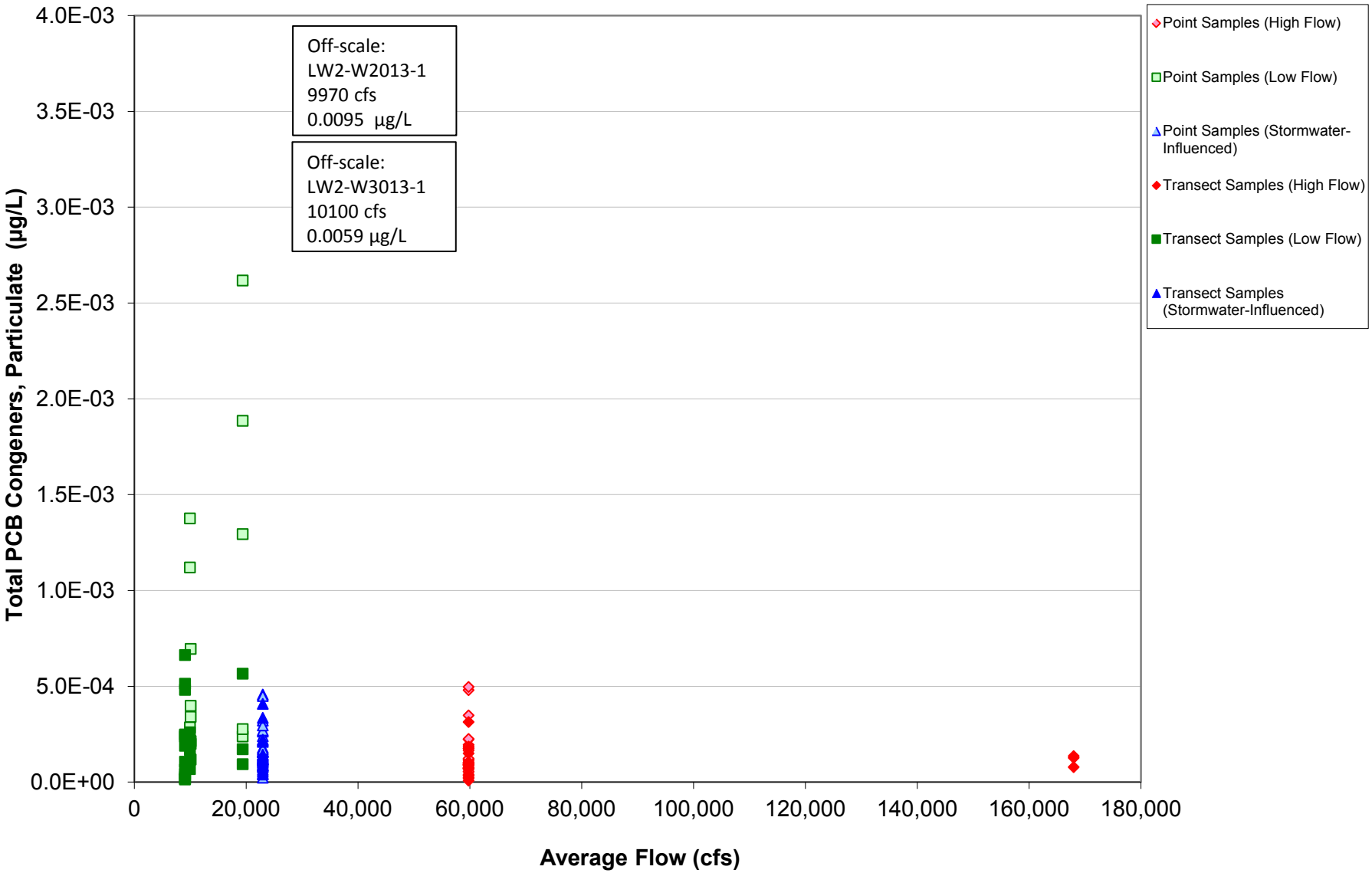


Figure 5.4-66
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Particulate Concentrations in Surface Water vs. Flow Rate, RM 2–16 (XAD)

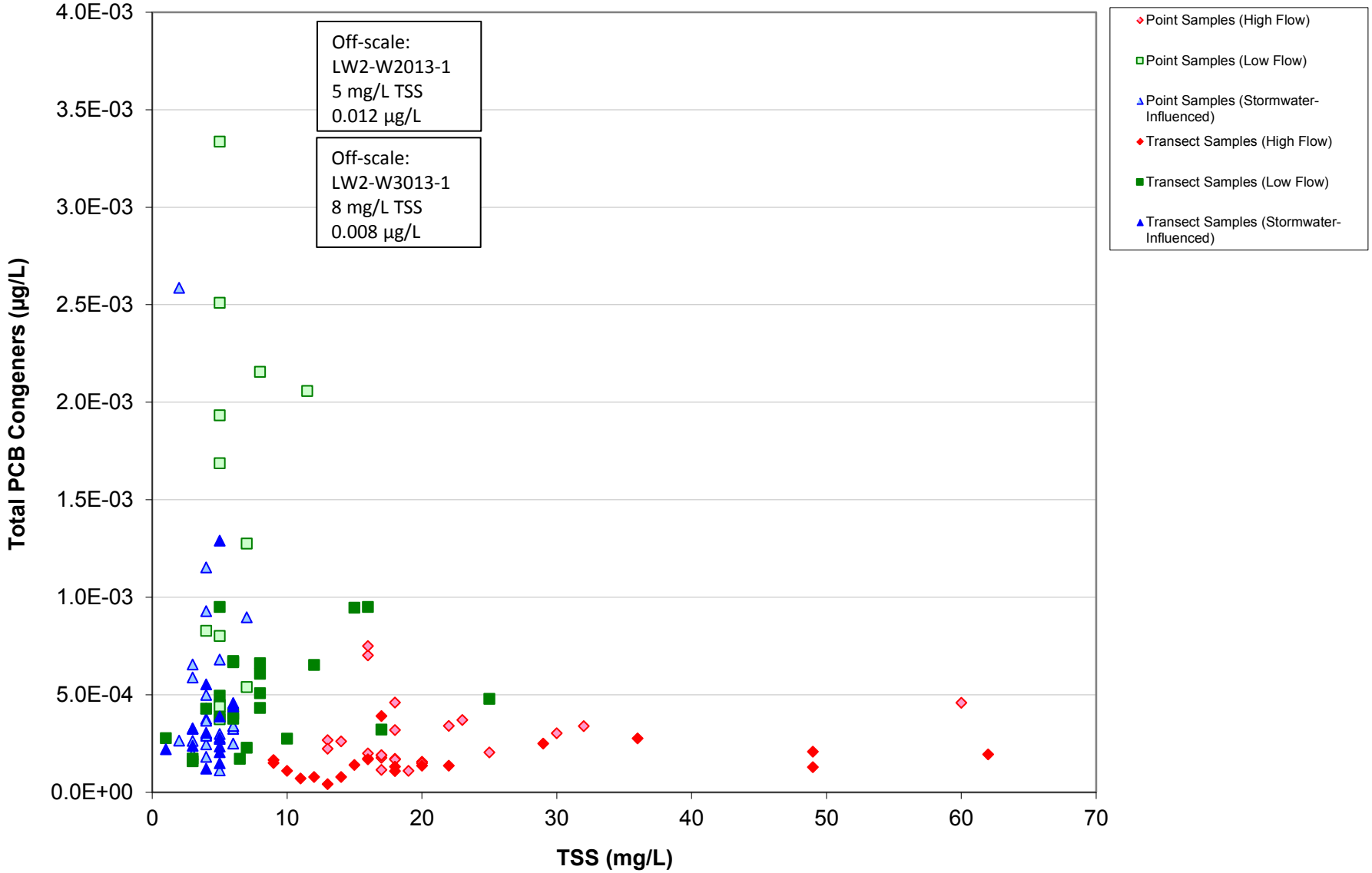


Figure 5.4-67
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Concentrations vs. Total Suspended Solids Concentrations in Surface Water, RM 2–16 (XAD)

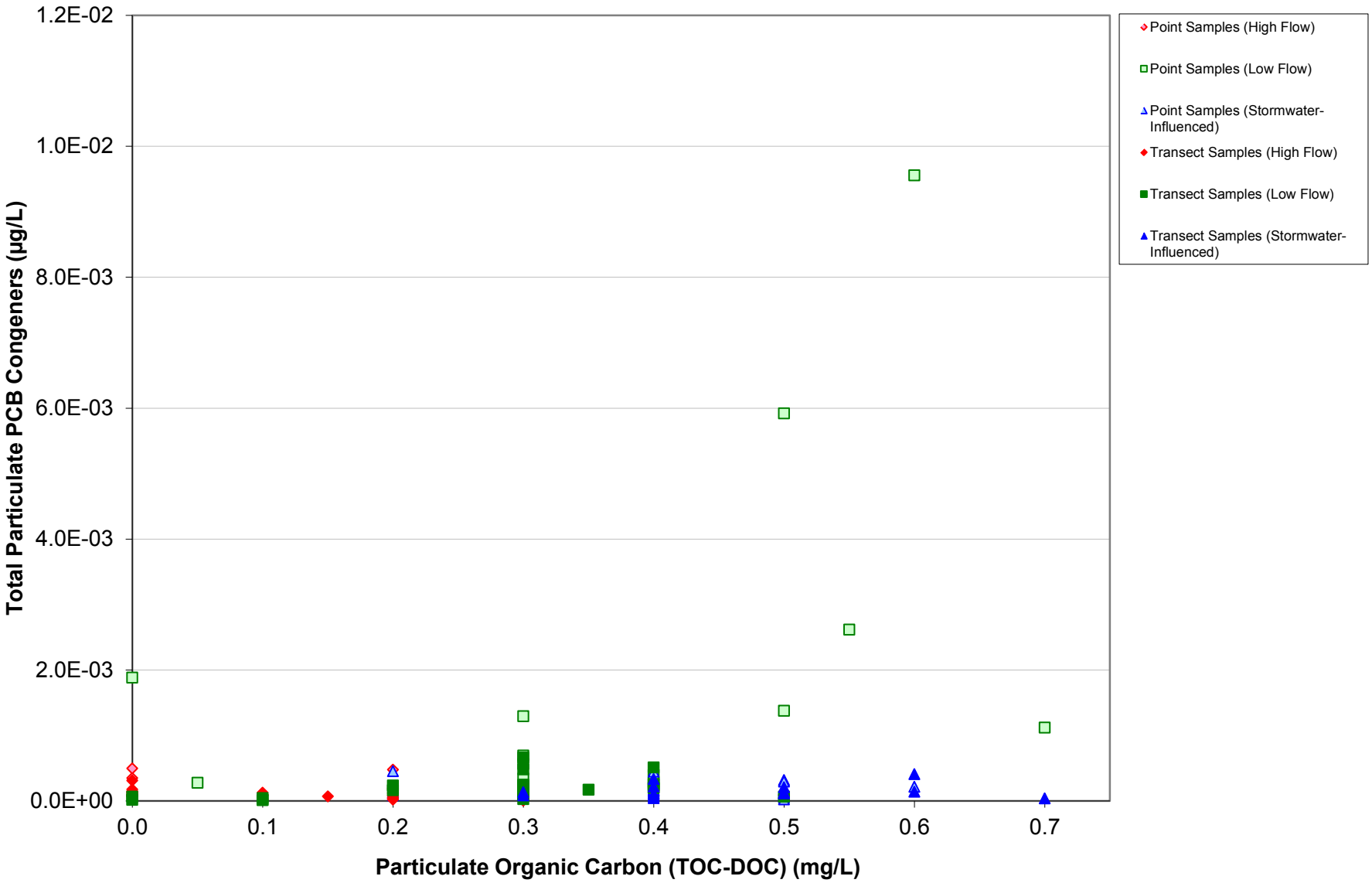


Figure 5.4-68a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Particulate Concentrations vs. Particulate Organic Carbon Concentrations in Surface Water, RM 2–16 (XAD)

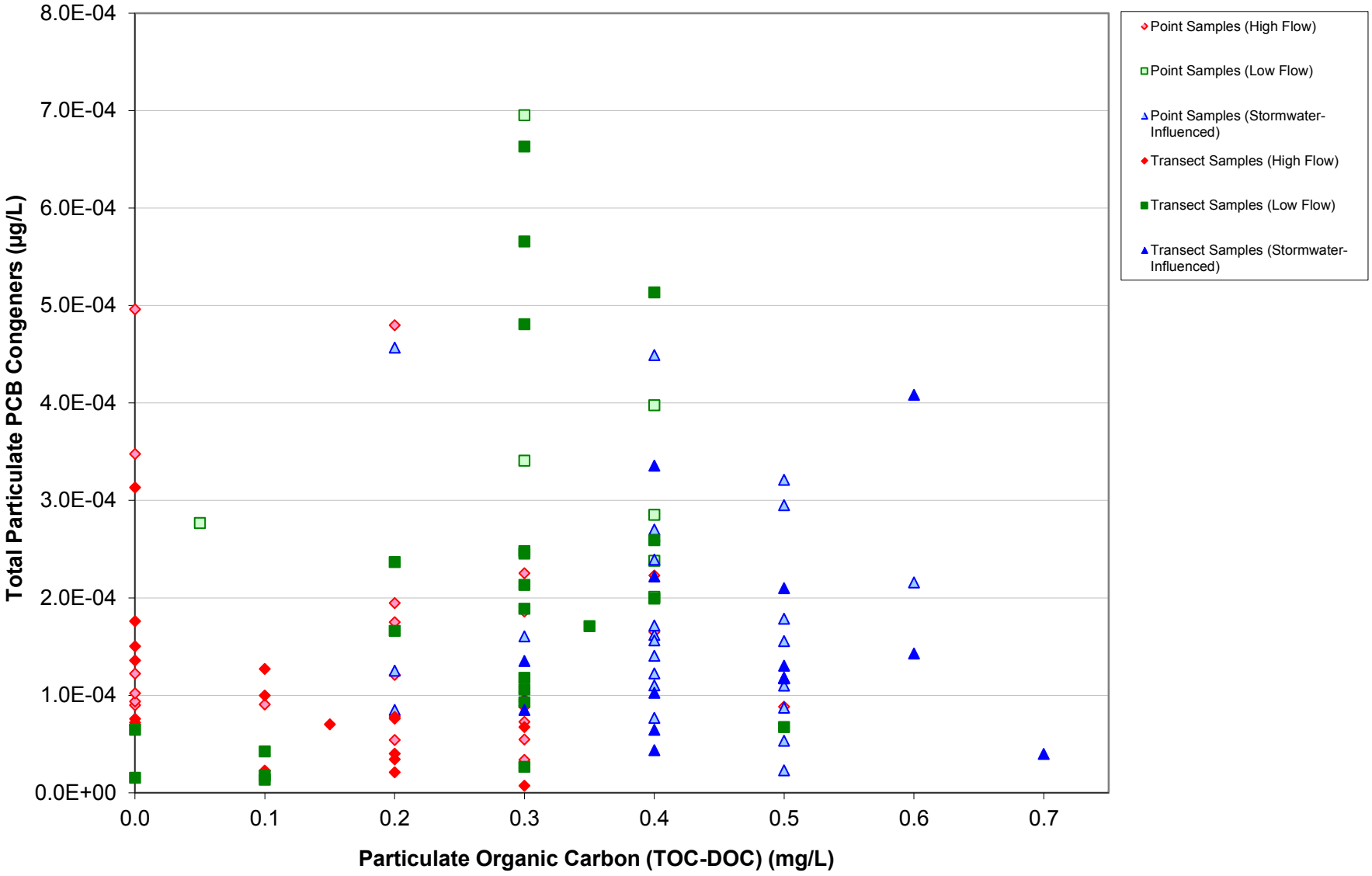


Figure 5.4-68b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCB Congener Particulate
Concentrations vs. Particulate Organic Carbon
Concentrations in Surface Water, RM 2–16 (XAD), Scale Zoom

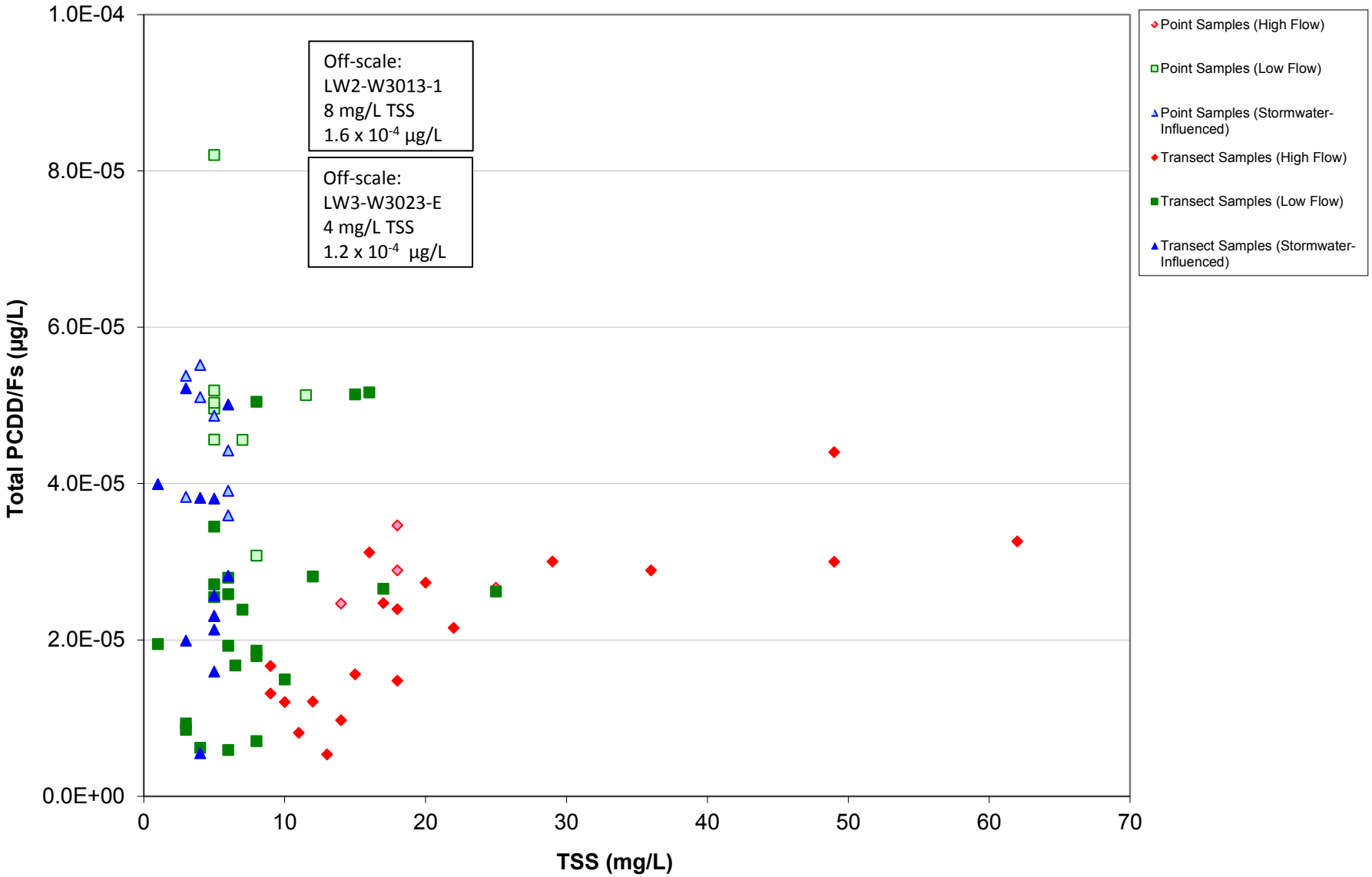


Figure 5.4-69
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs Concentrations vs. Total Suspended Solids Concentrations in Surface Water, RM 2–16 (XAD)

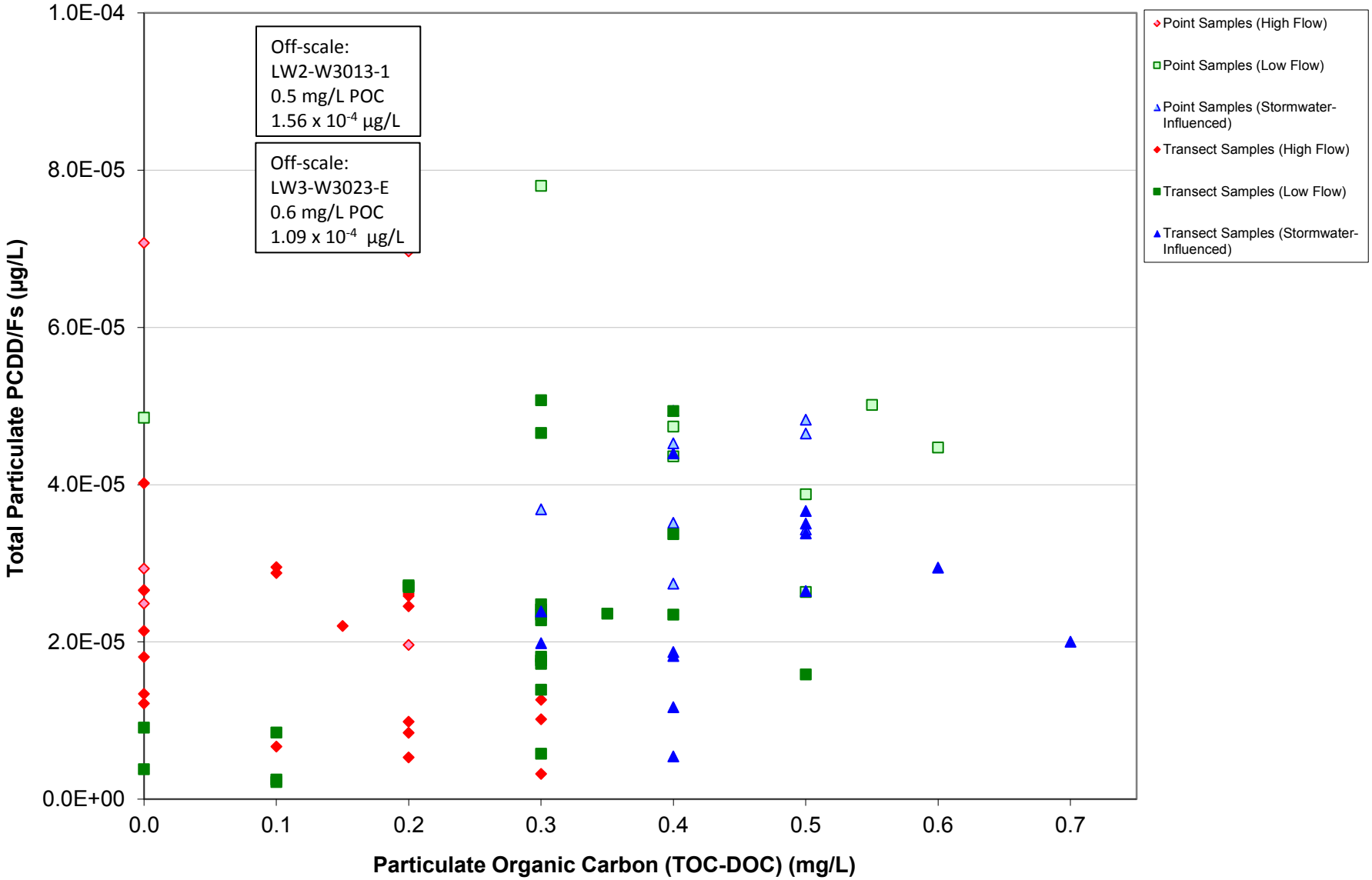


Figure 5.4-70
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/F Particulate Concentrations vs. Particulate Organic Carbon Concentrations in Surface Water, RM 2-16 (XAD)

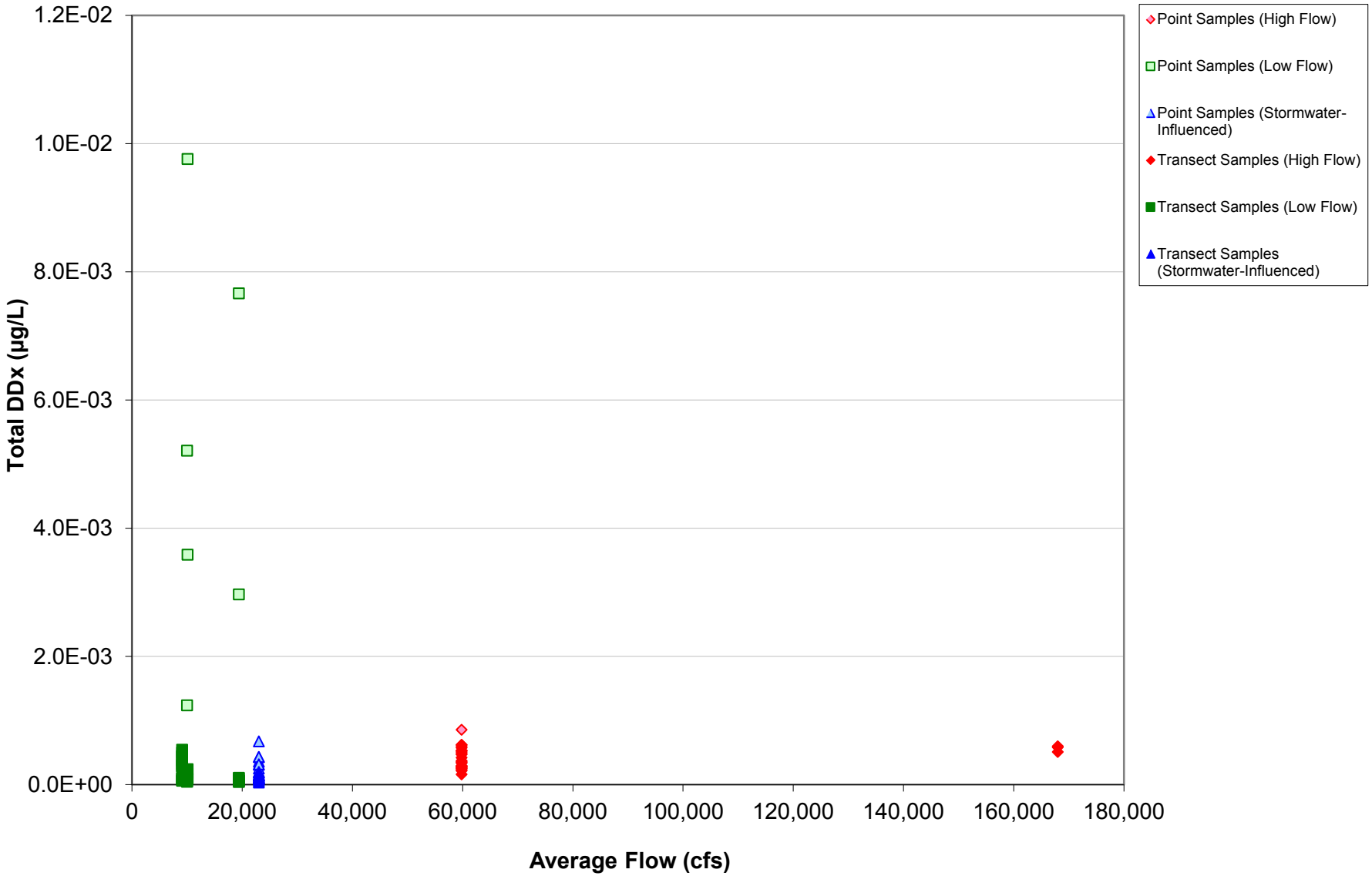


Figure 5.4-71a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Concentrations in Surface Water vs.
Flow Rate, RM 2–16 (XAD)

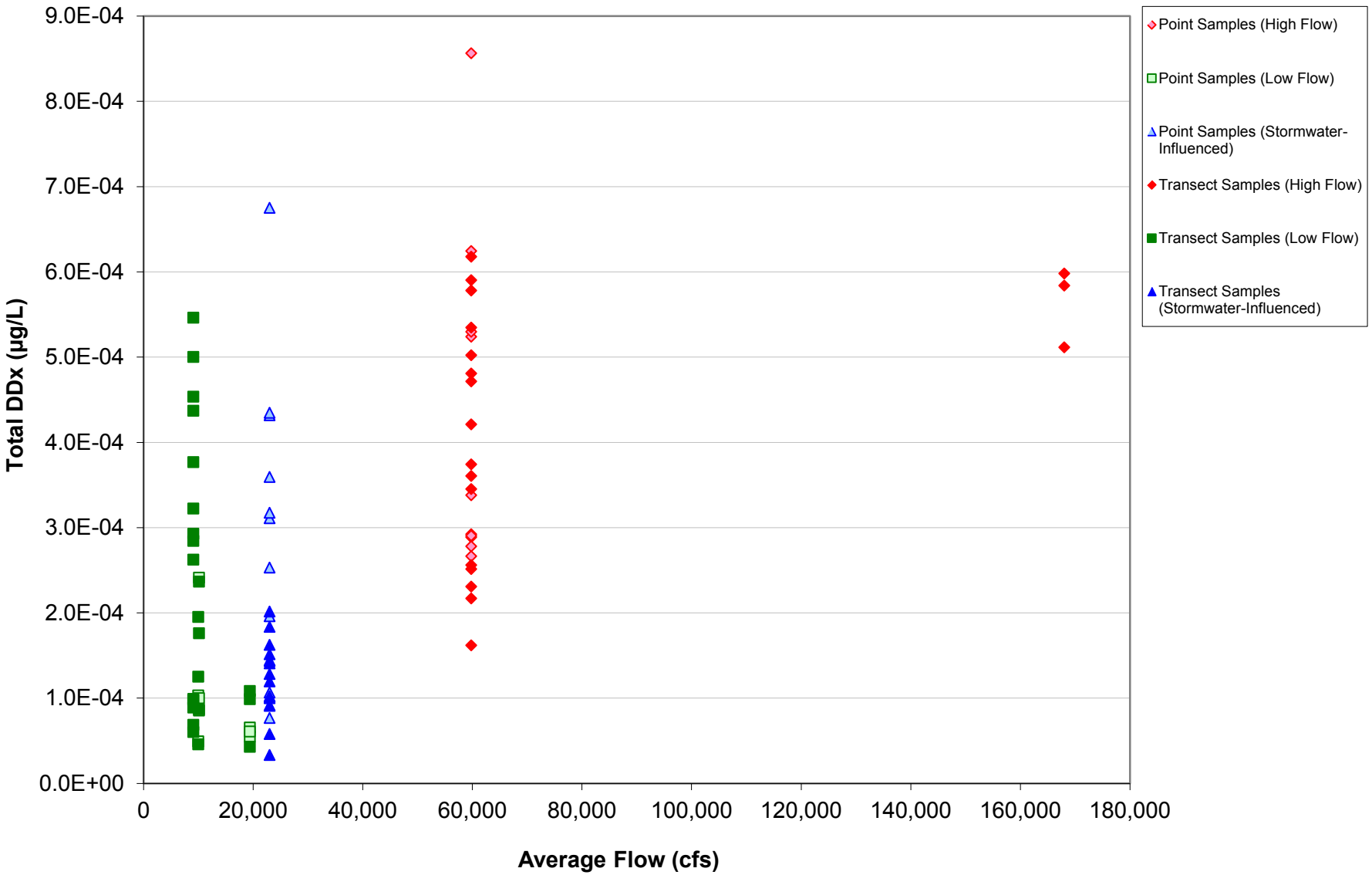


Figure 5.4-71b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Concentrations in Surface Water vs.
Flow Rate, RM 2–16 (XAD), Scale Zoom

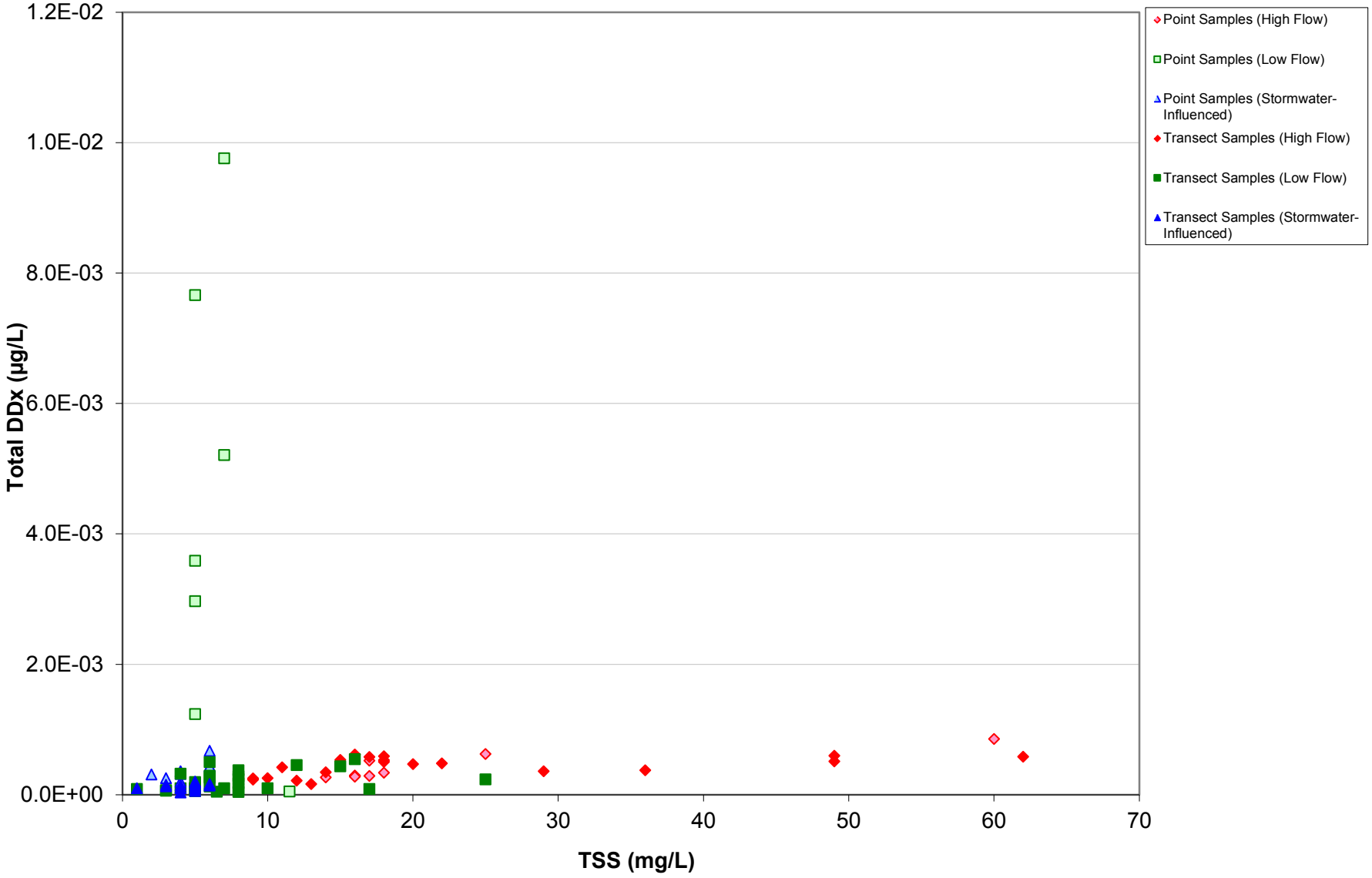


Figure 5.4-72a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Concentrations vs. Total Suspended Solids Concentrations in Surface Water, RM 2–16 (XAD)

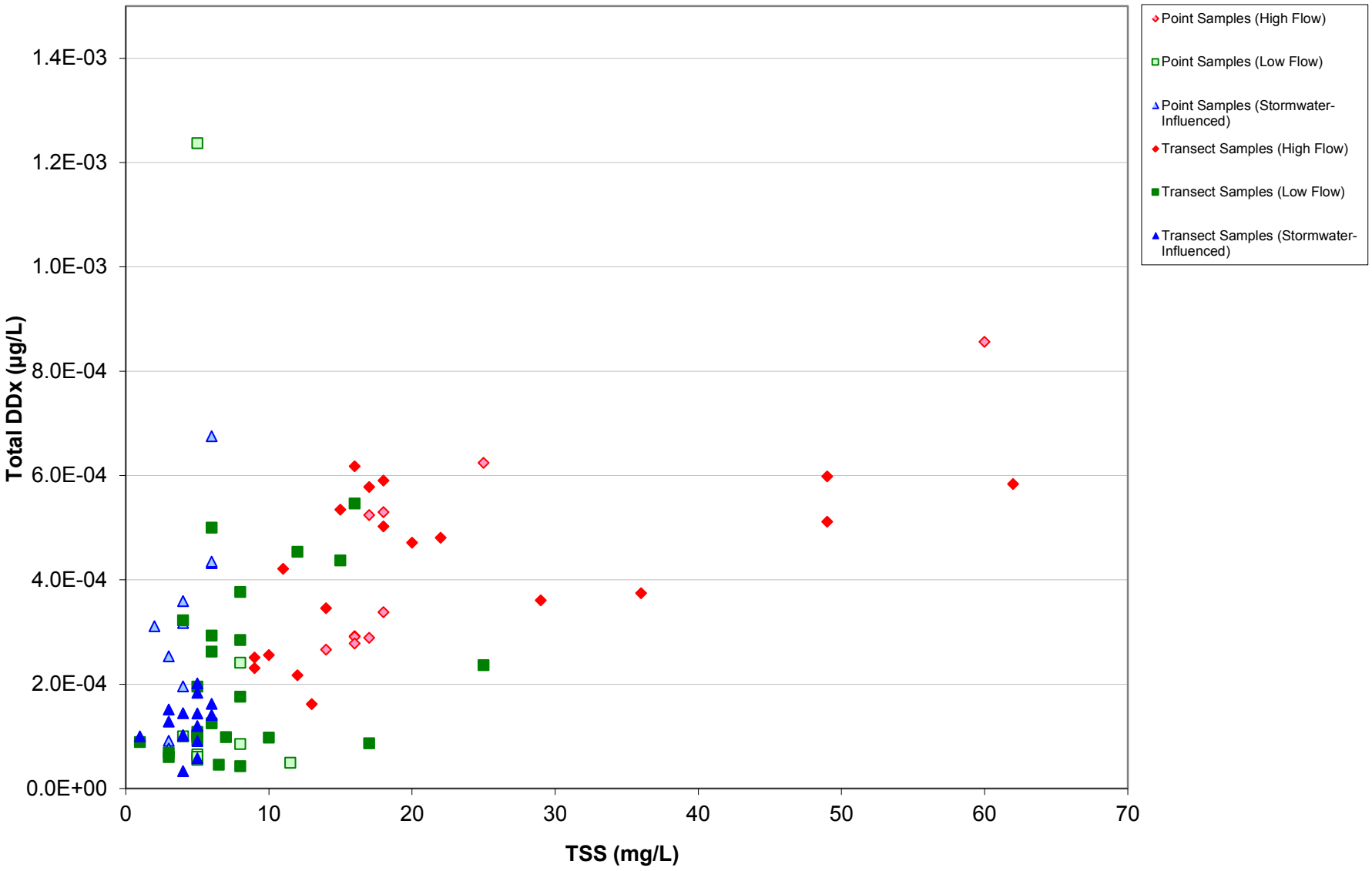


Figure 5.4-72b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Concentrations vs. Total Suspended Solids Concentrations in Surface Water, RM 2–16 (XAD), Scale Zoom

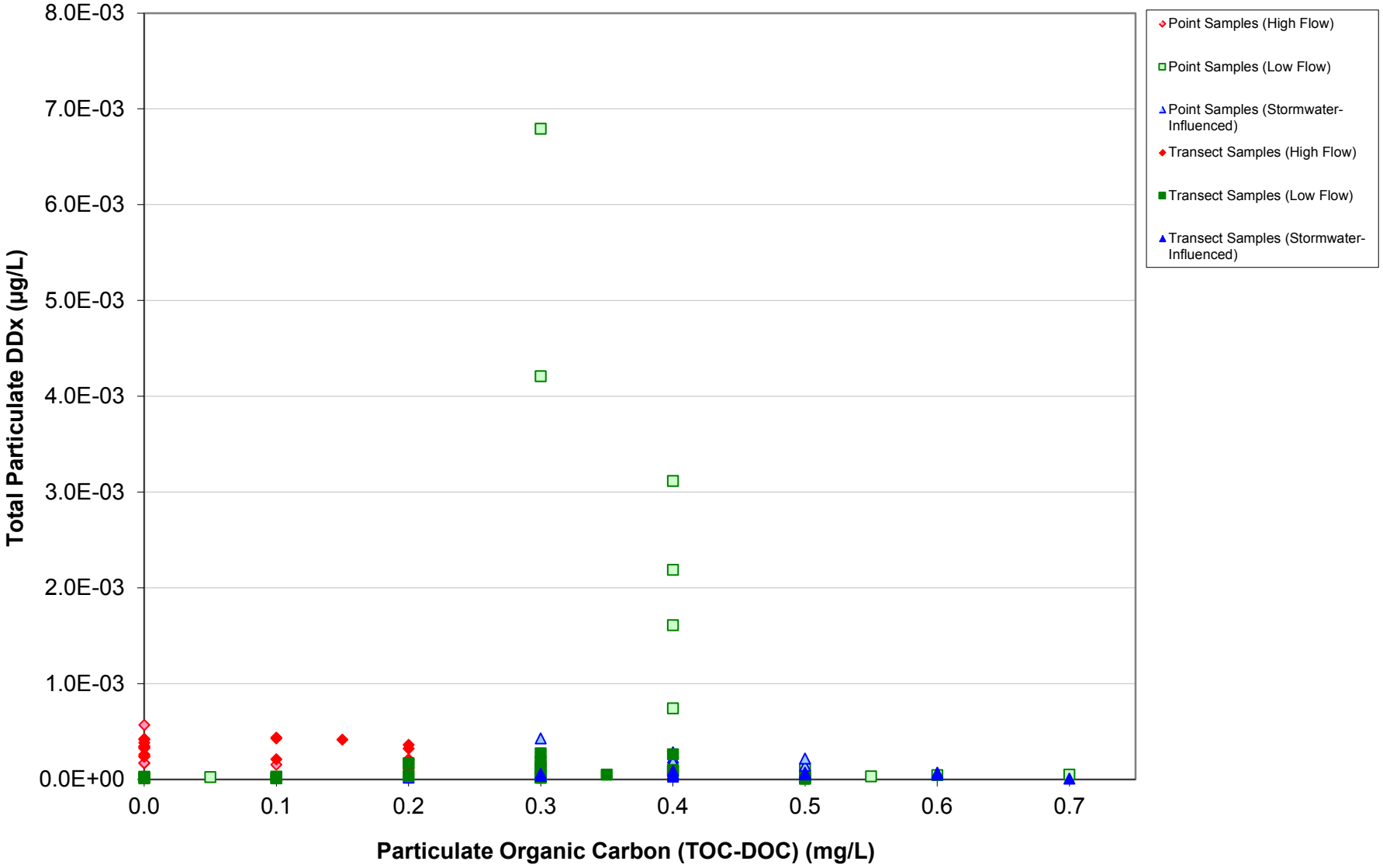


Figure 5.4-73a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Particulate Concentrations vs. Particulate Organic Carbon Concentrations in Surface Water, RM 2–16 (XAD)

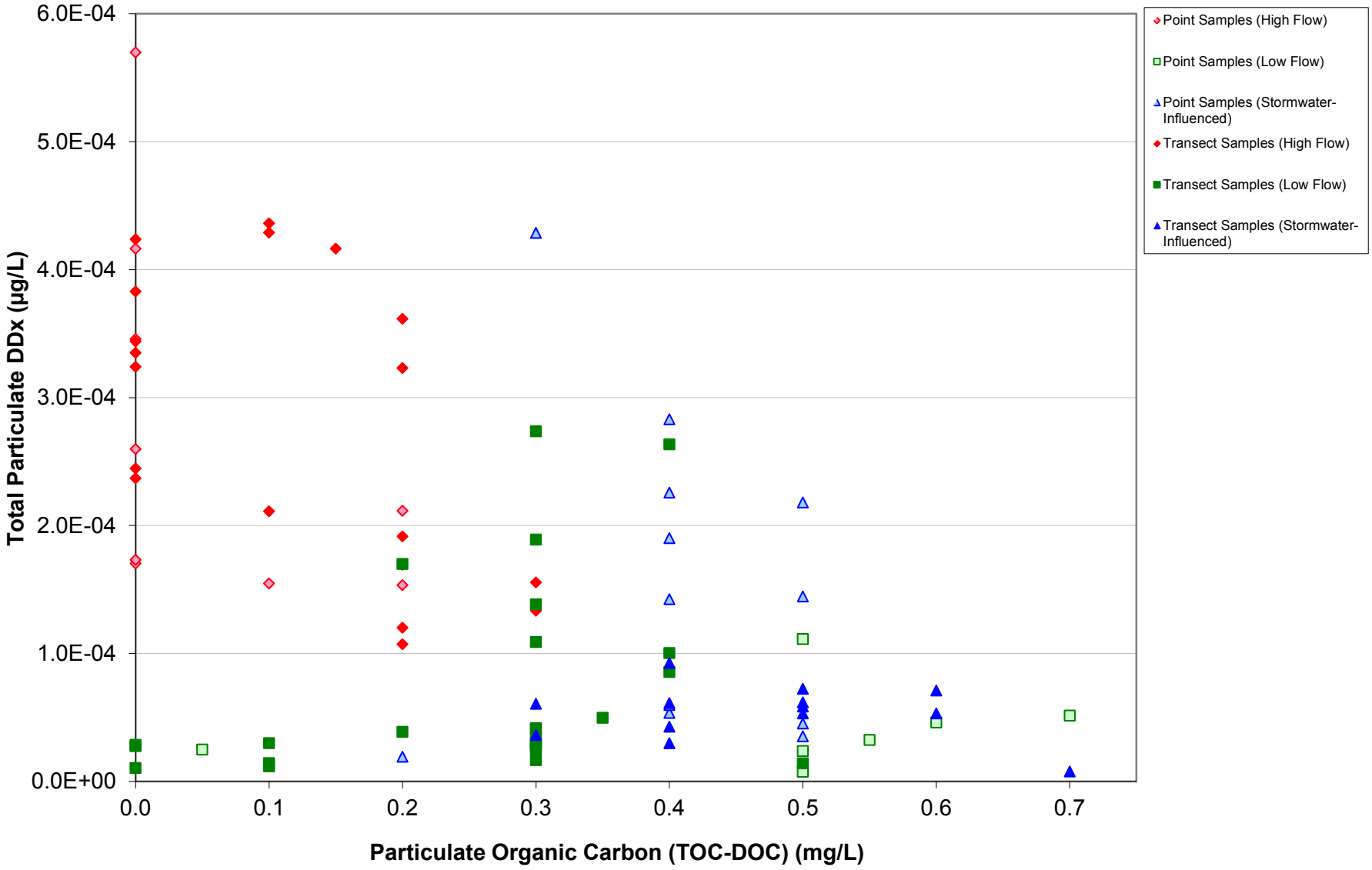


Figure 5.4-73b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx Particulate Concentrations vs. Particulate Organic Carbon Concentrations in Surface Water, RM 2–16 (XAD), Scale Zoom

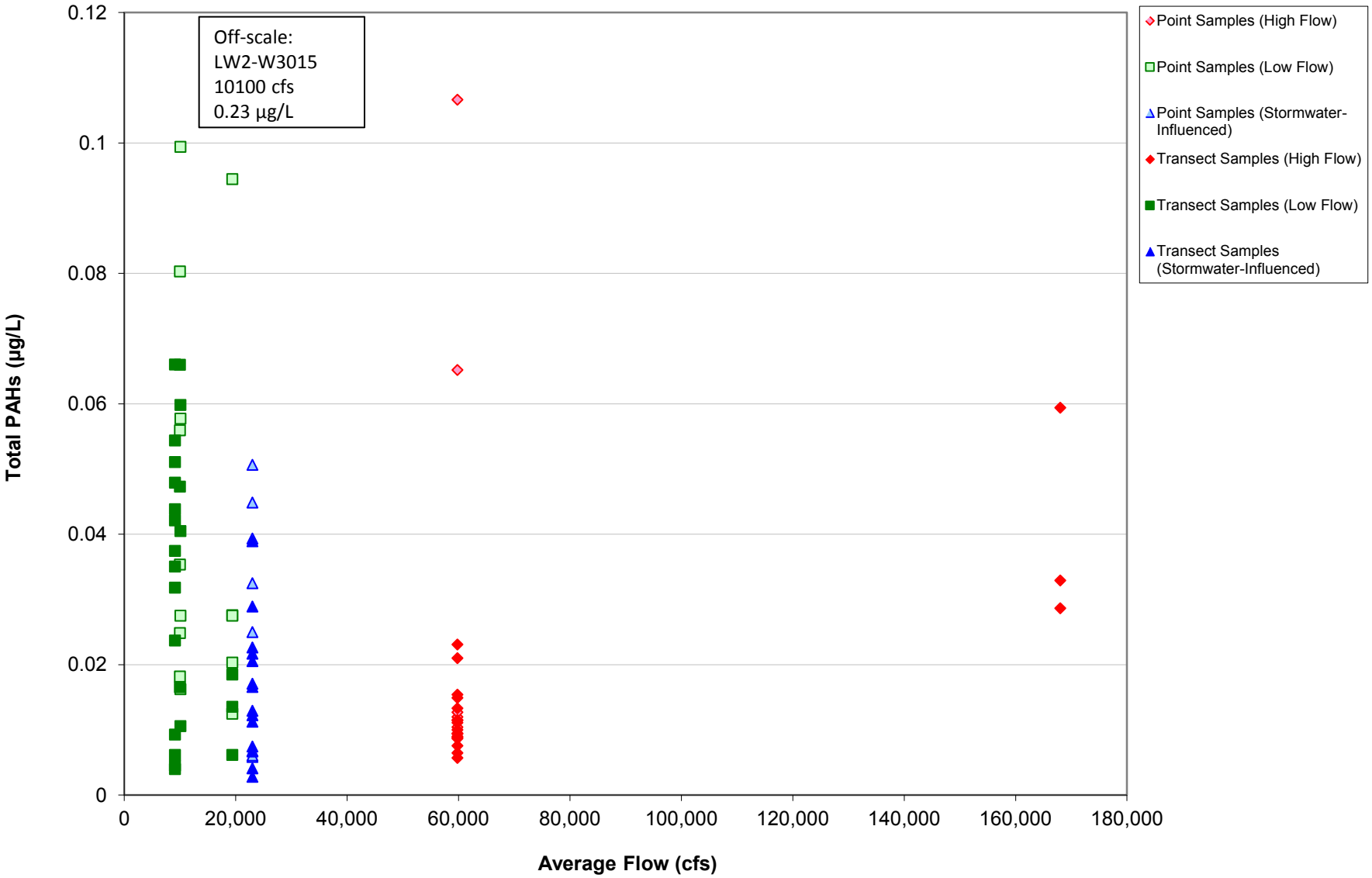


Figure 5.4-74
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAHs Concentrations in Surface Water vs.
Flow Rate, RM 2–16 (XAD)

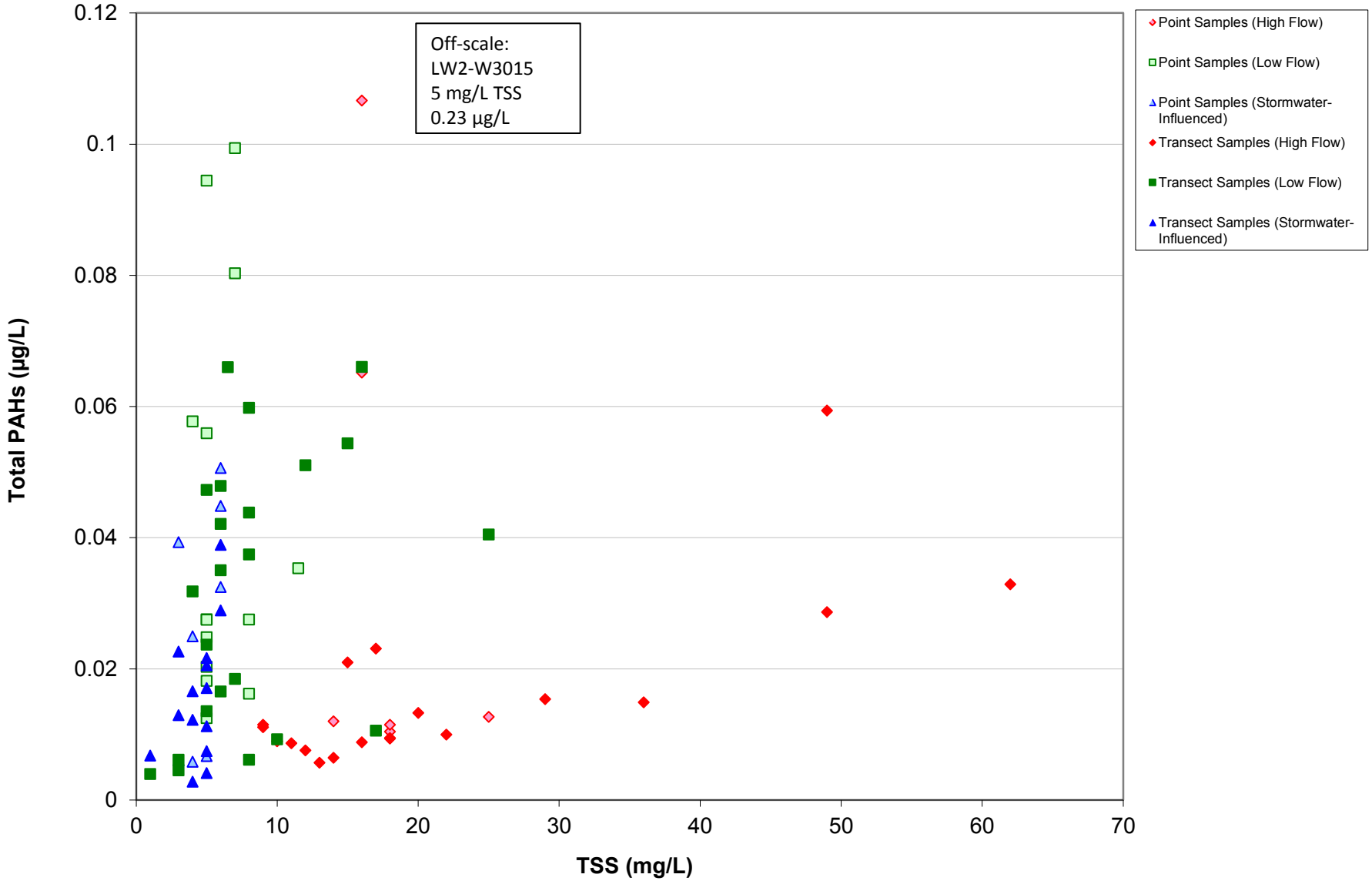


Figure 5.4-75
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAHs Concentrations vs. Total Suspended Solids Concentrations in Surface Water, RM 2–16 (XAD)

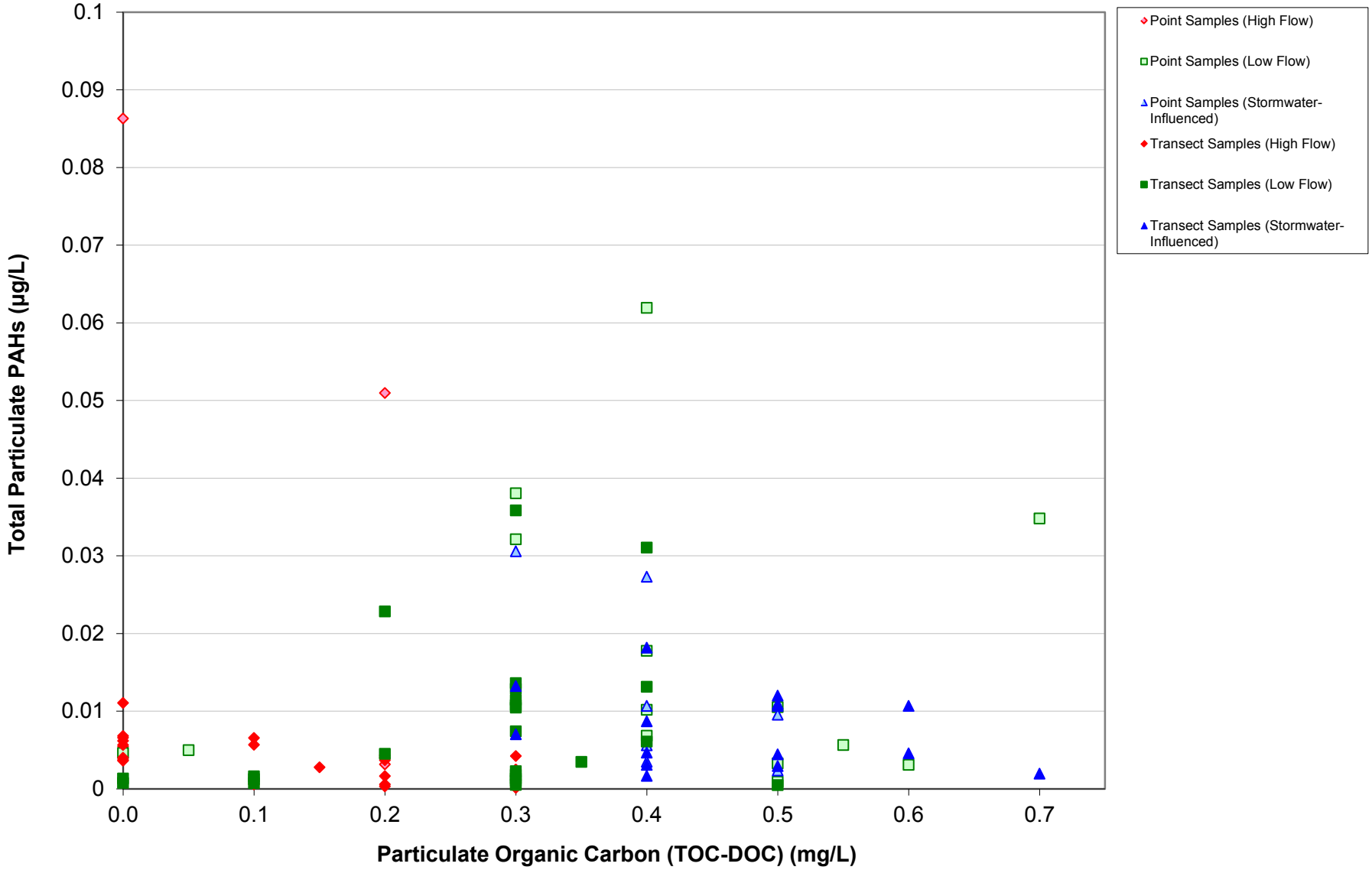


Figure 5.4-76
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAH Particulate Concentrations vs. Particulate Organic Carbon Concentrations in Surface Water, RM 2–16 (XAD)

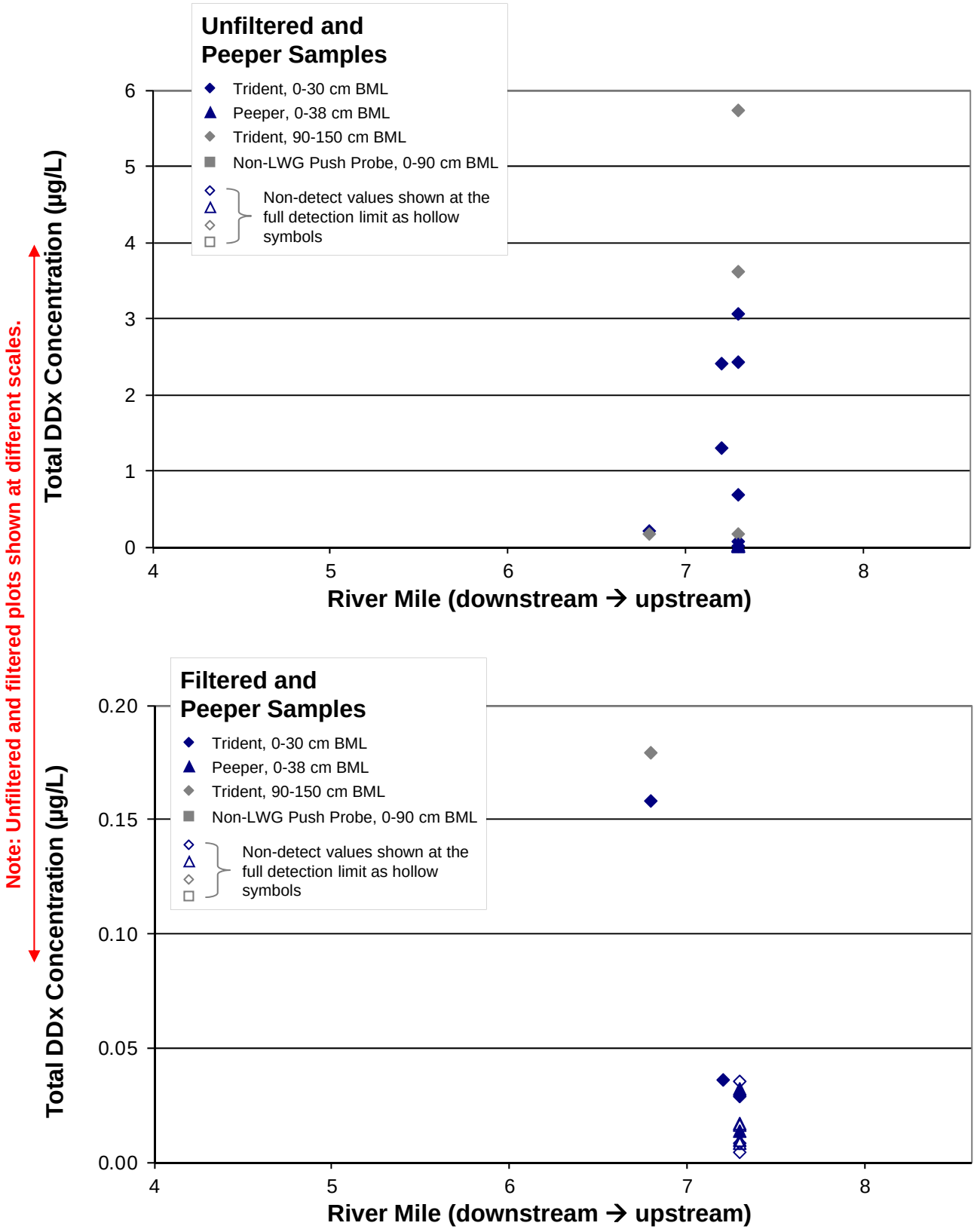


Figure 5.5-1a
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Total DDx Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples

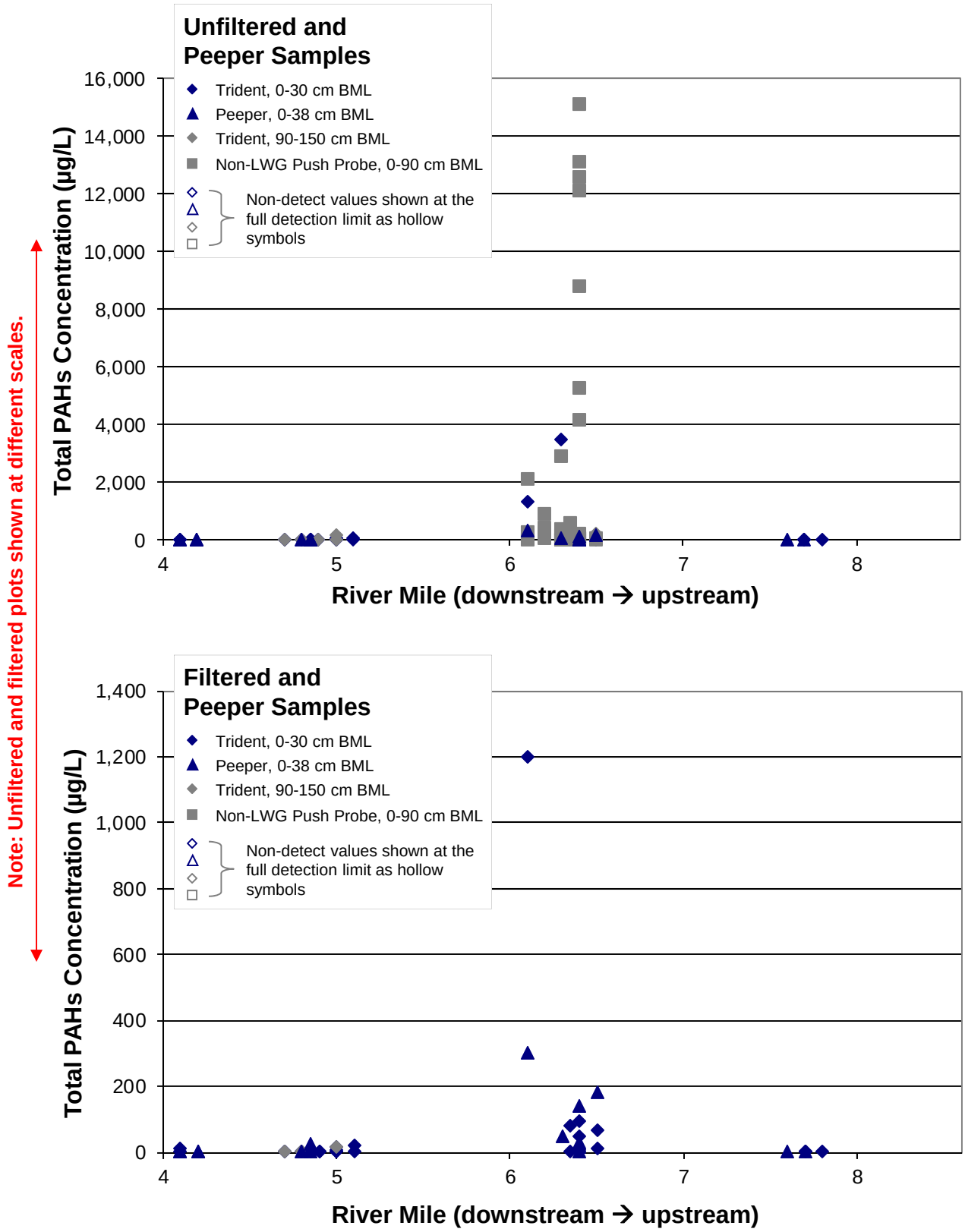
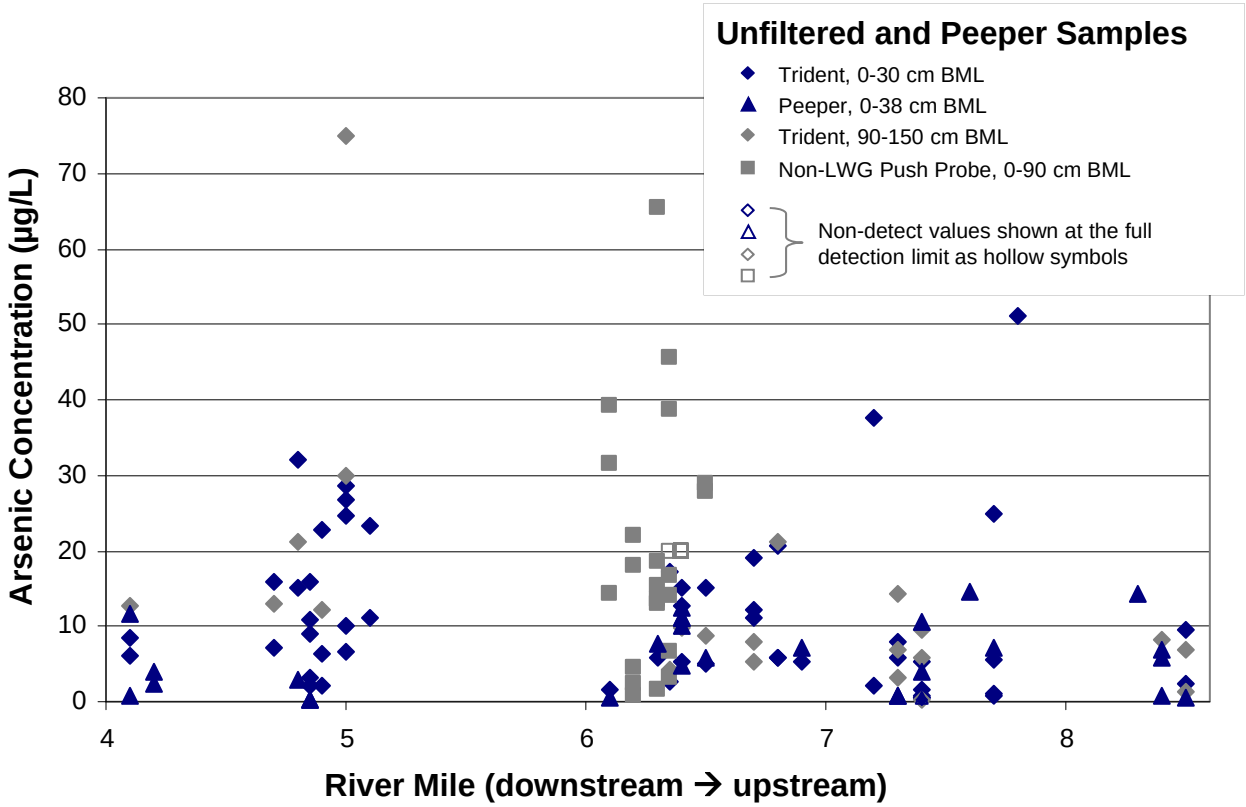


Figure 5.5-1b
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Total PAHs Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples



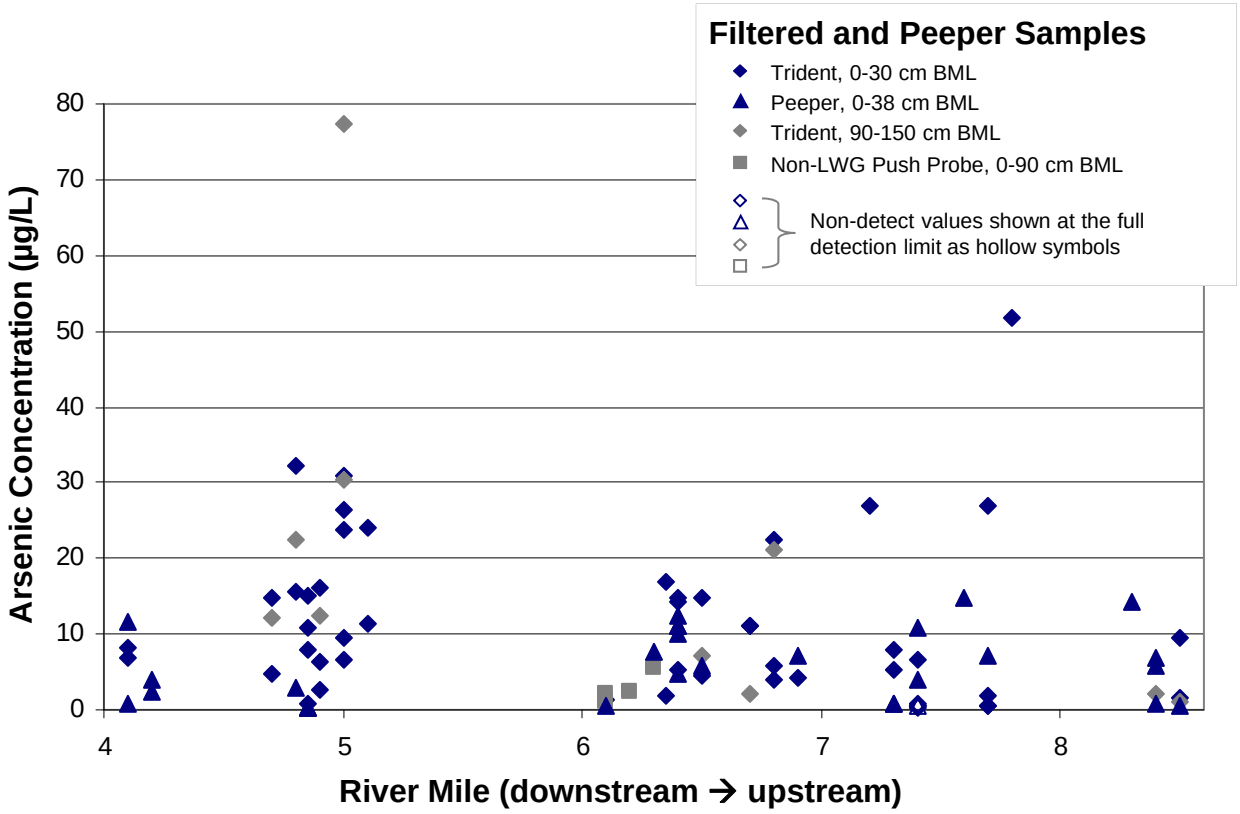


Figure 5.5-1c
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Arsenic Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples

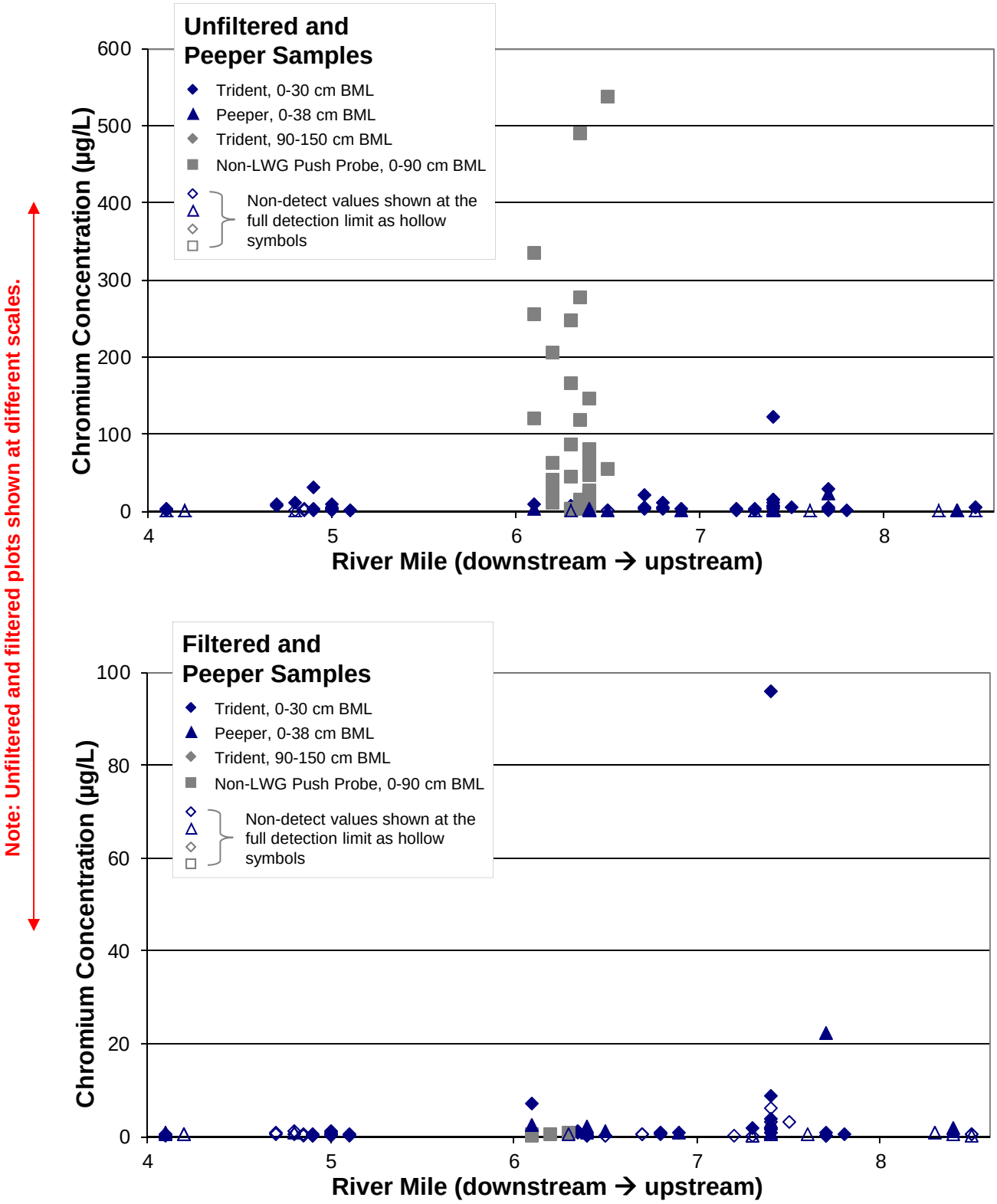


Figure 5.5-1d
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Chromium Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples

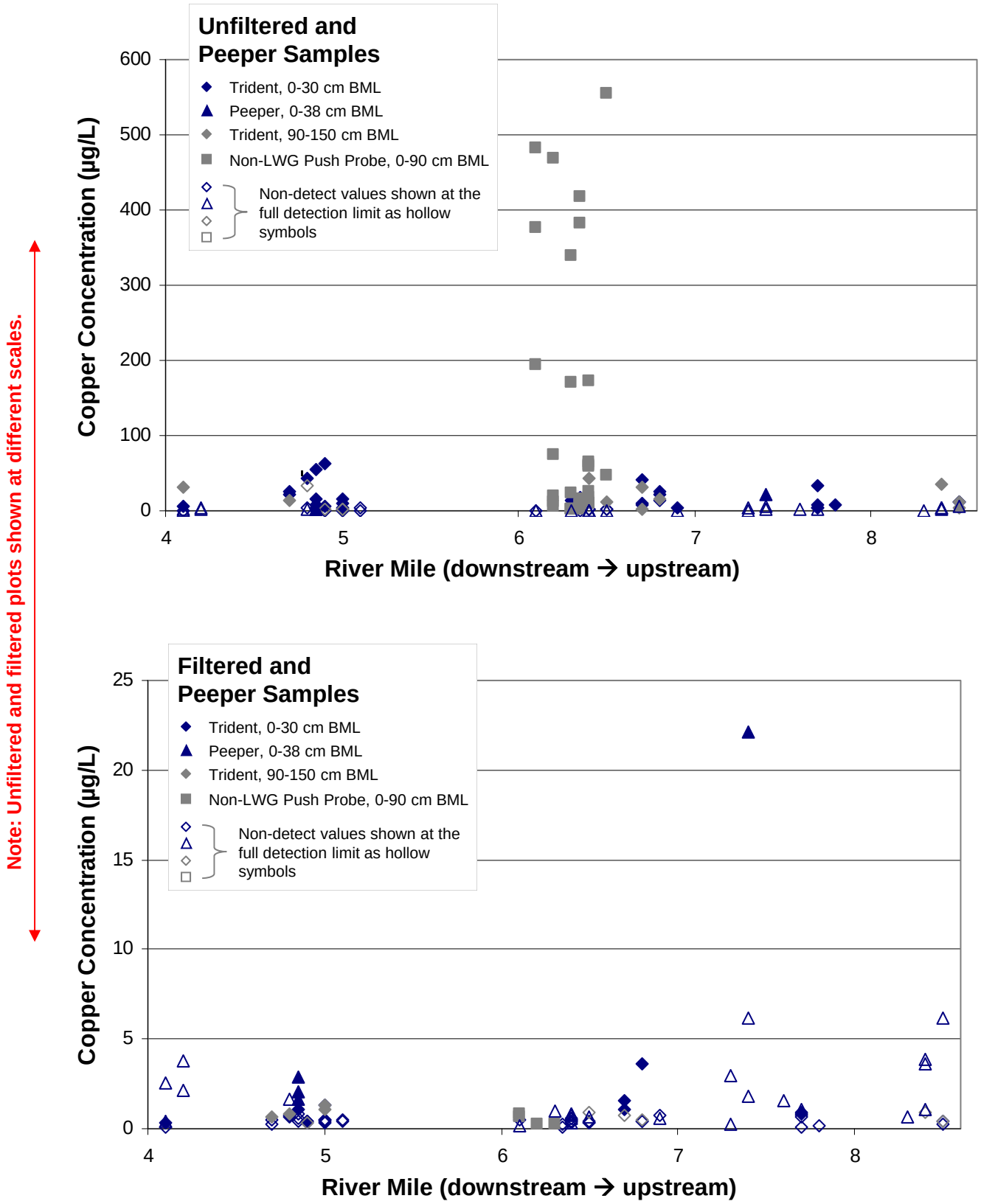


Figure 5.5-1e
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Copper Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples

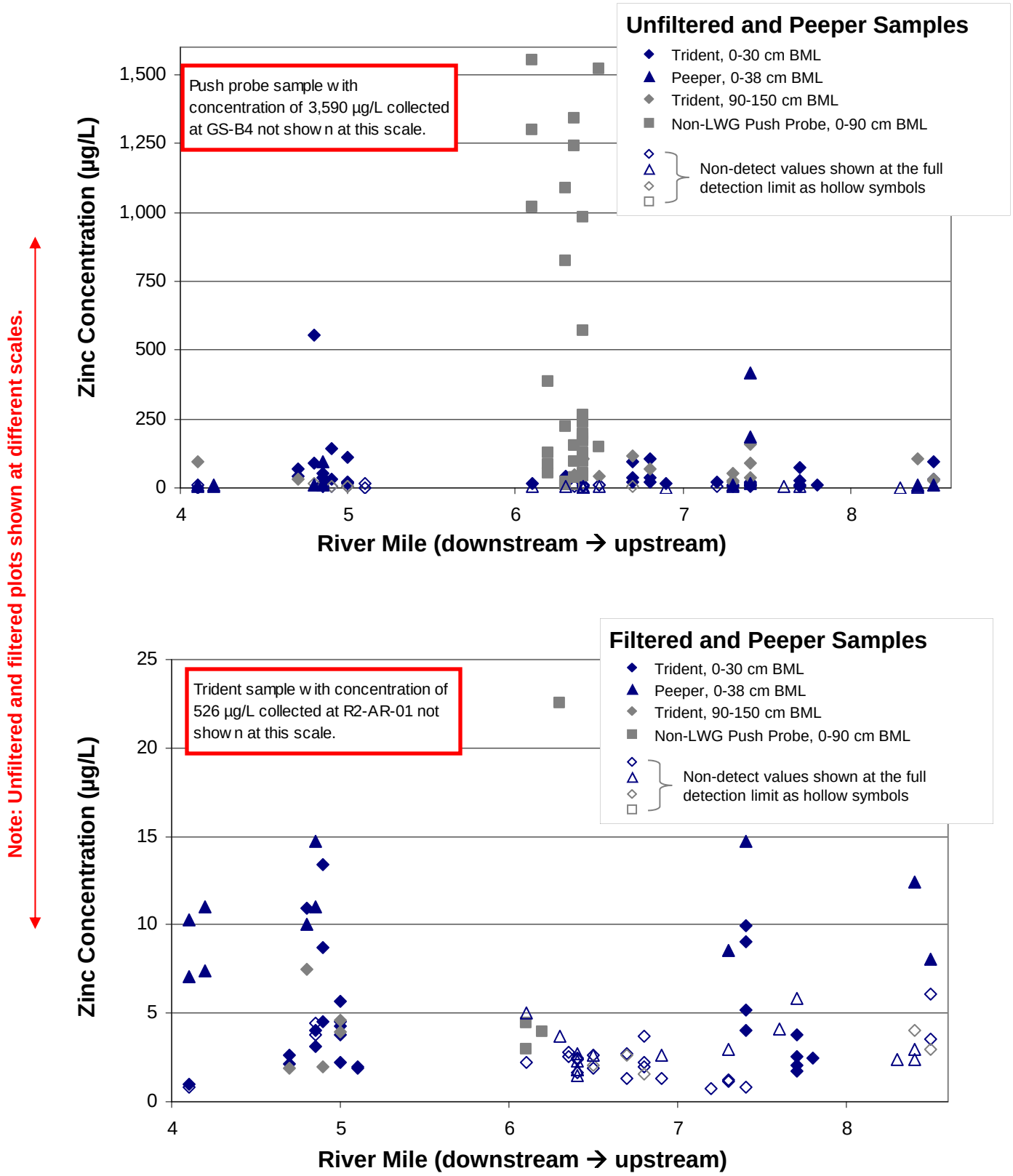


Figure 5.5-1f
Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plots of Zinc Concentrations in Transition Zone Water, Filtered and Unfiltered Peeper Samples

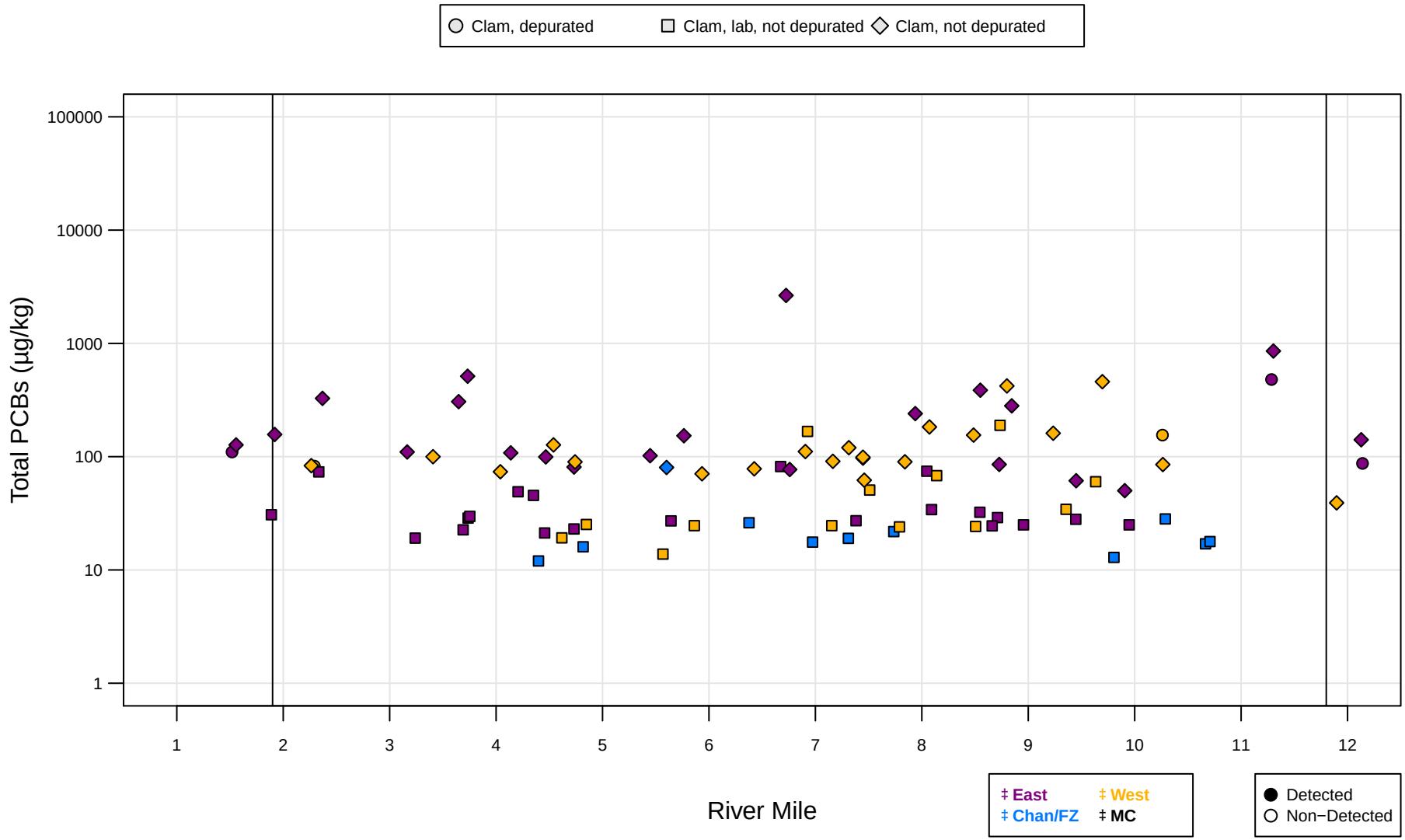


Figure 5.6−1a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs in
Tissue Samples by River Mile, RM 0.8−12.2

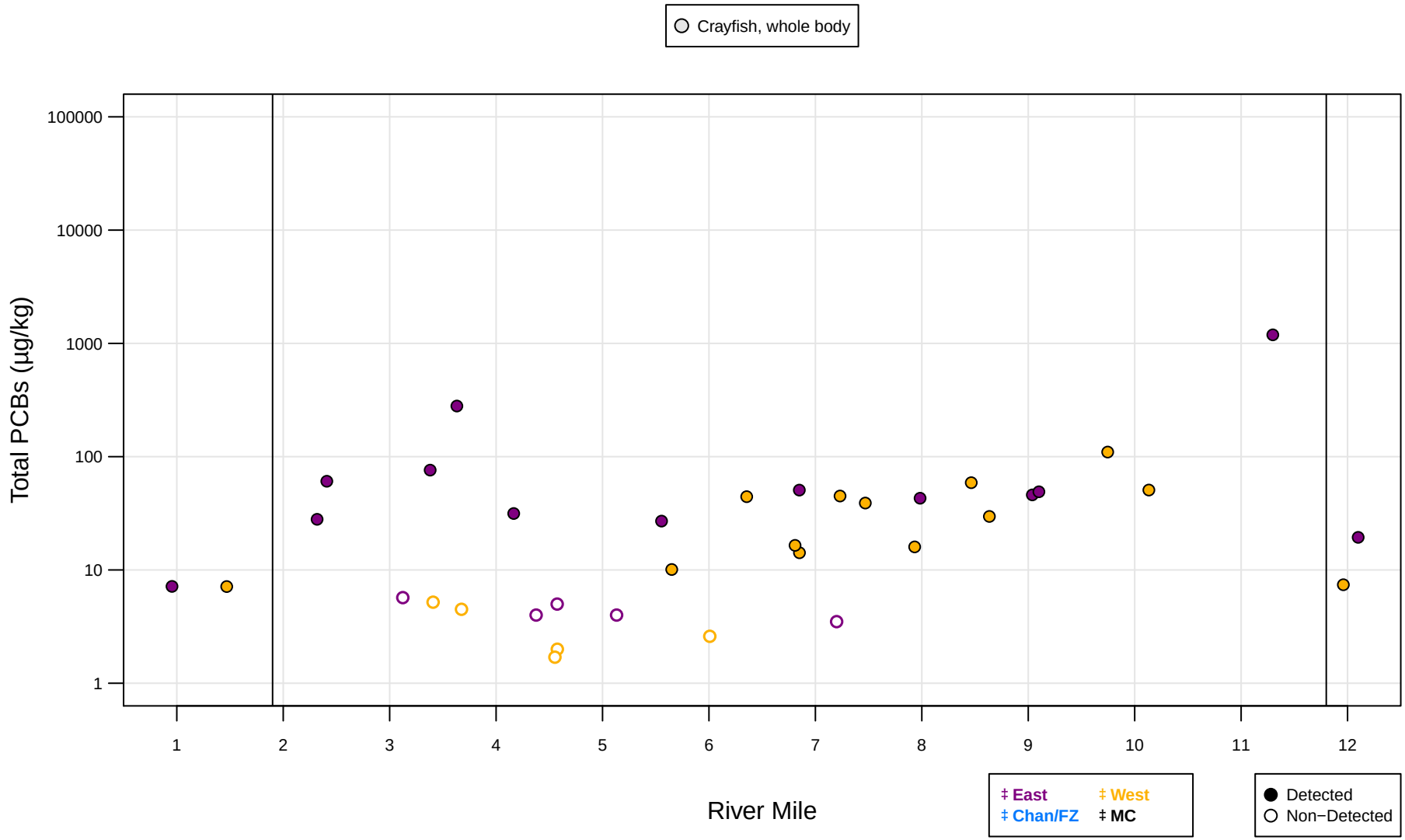


Figure 5.6−1b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs in
Tissue Samples by River Mile, RM 0.8−12.2

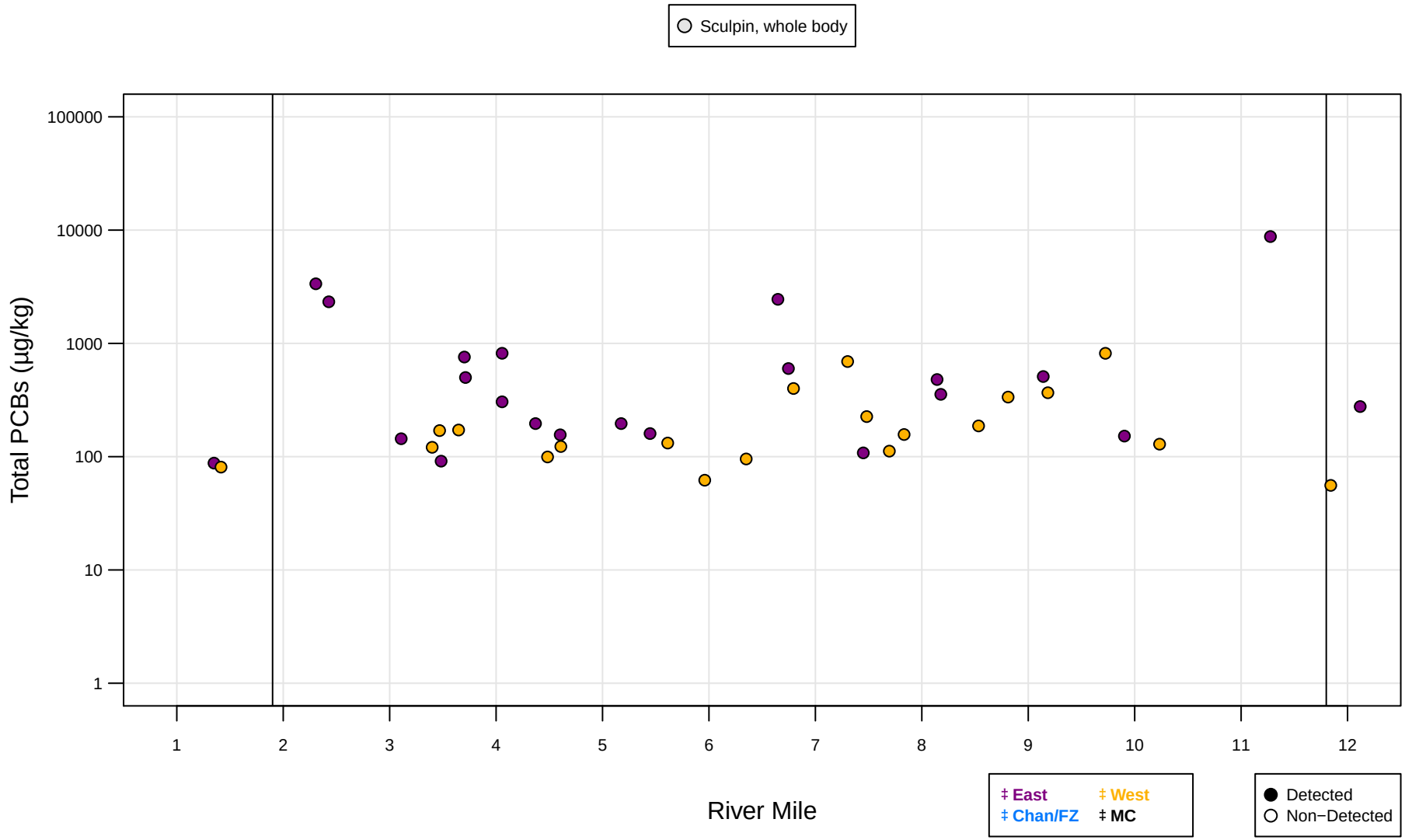


Figure 5.6−1c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs in
Tissue Samples by River Mile, RM 0.8−12.2

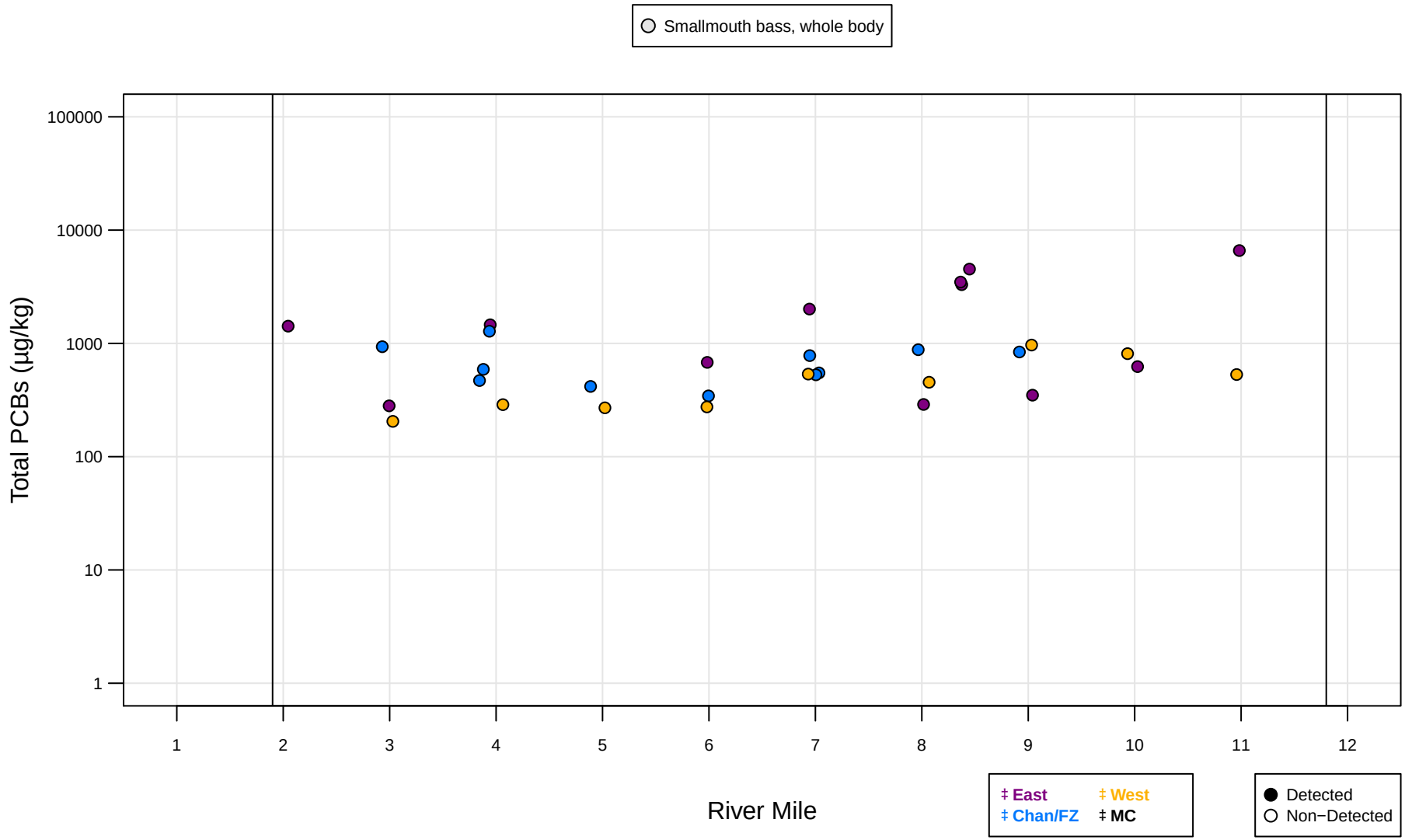


Figure 5.6−1d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs in
Tissue Samples by River Mile, RM 0.8−12.2

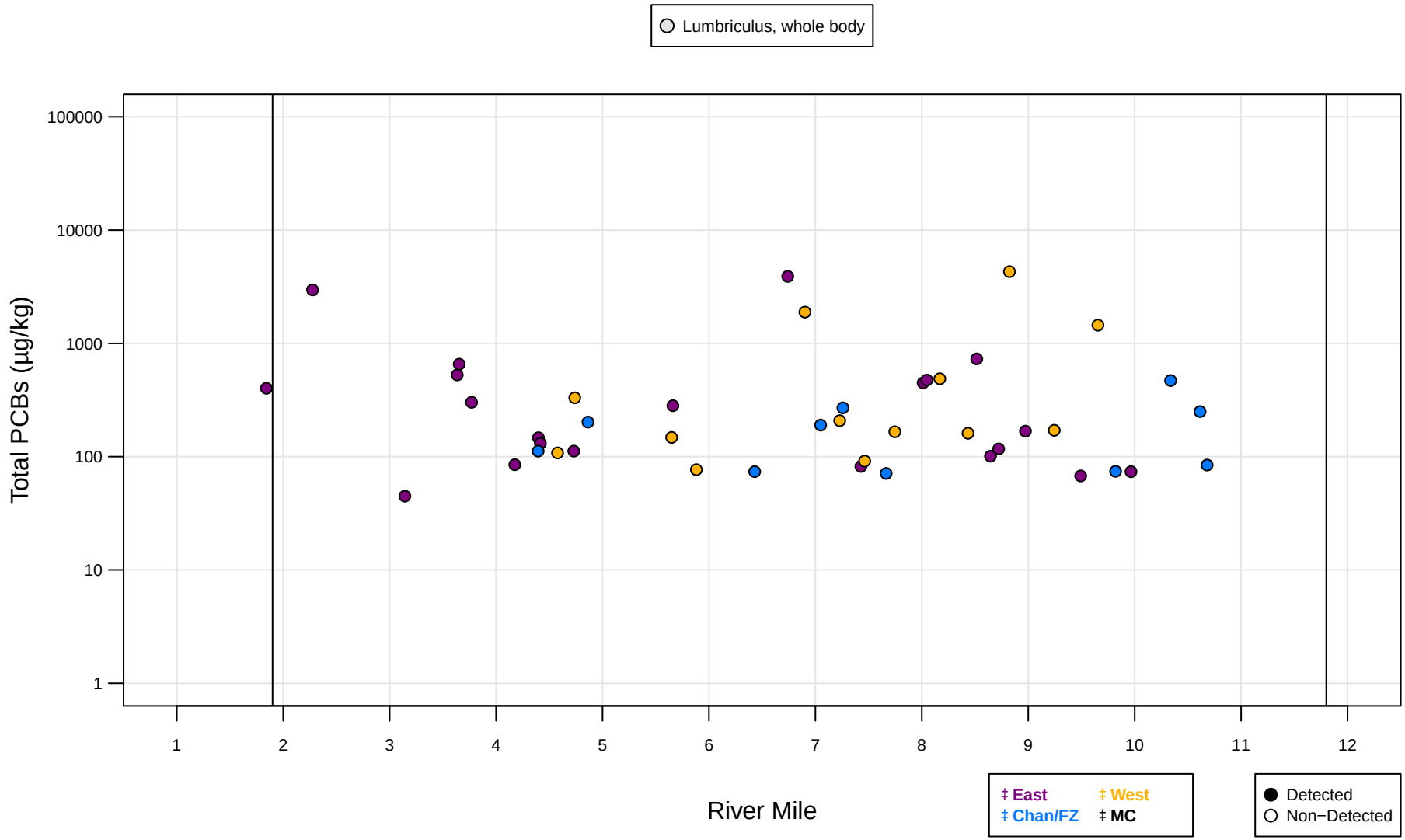


Figure 5.6−1e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCBs in
Tissue Samples by River Mile, RM 0.8−12.2

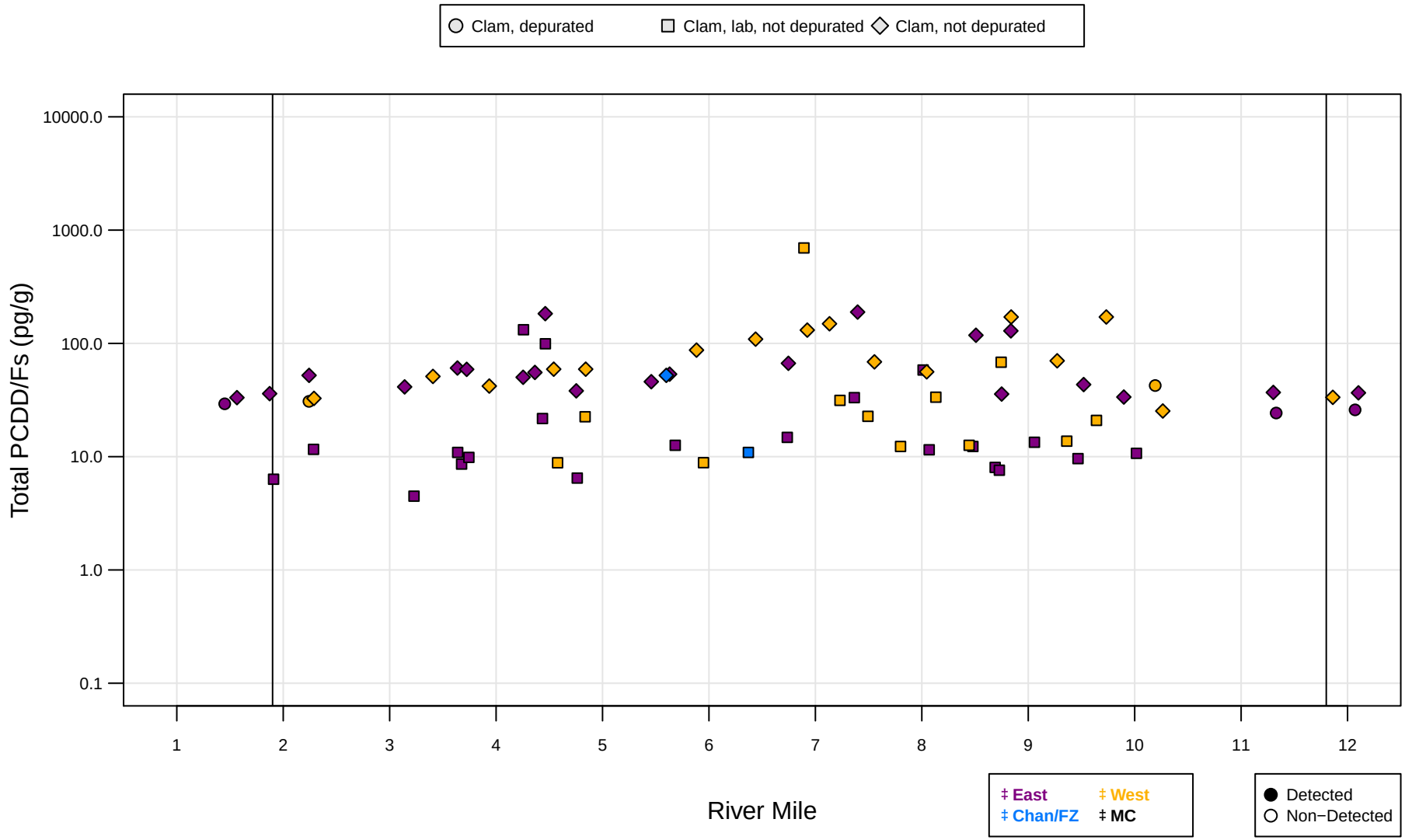


Figure 5.6−2a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs in
Tissue Samples by River Mile, RM 0.8−12.2

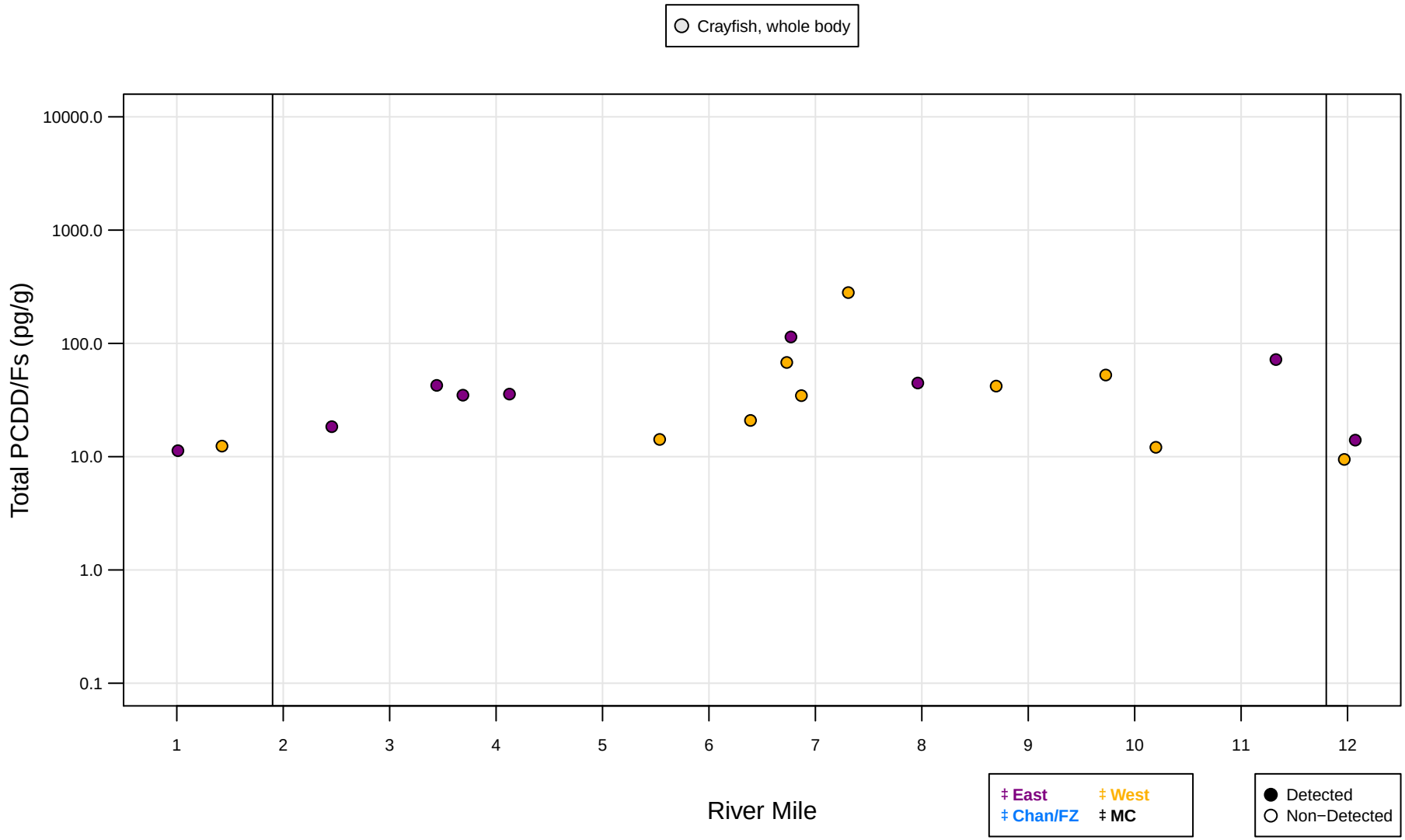


Figure 5.6−2b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs in
Tissue Samples by River Mile, RM 0.8−12.2

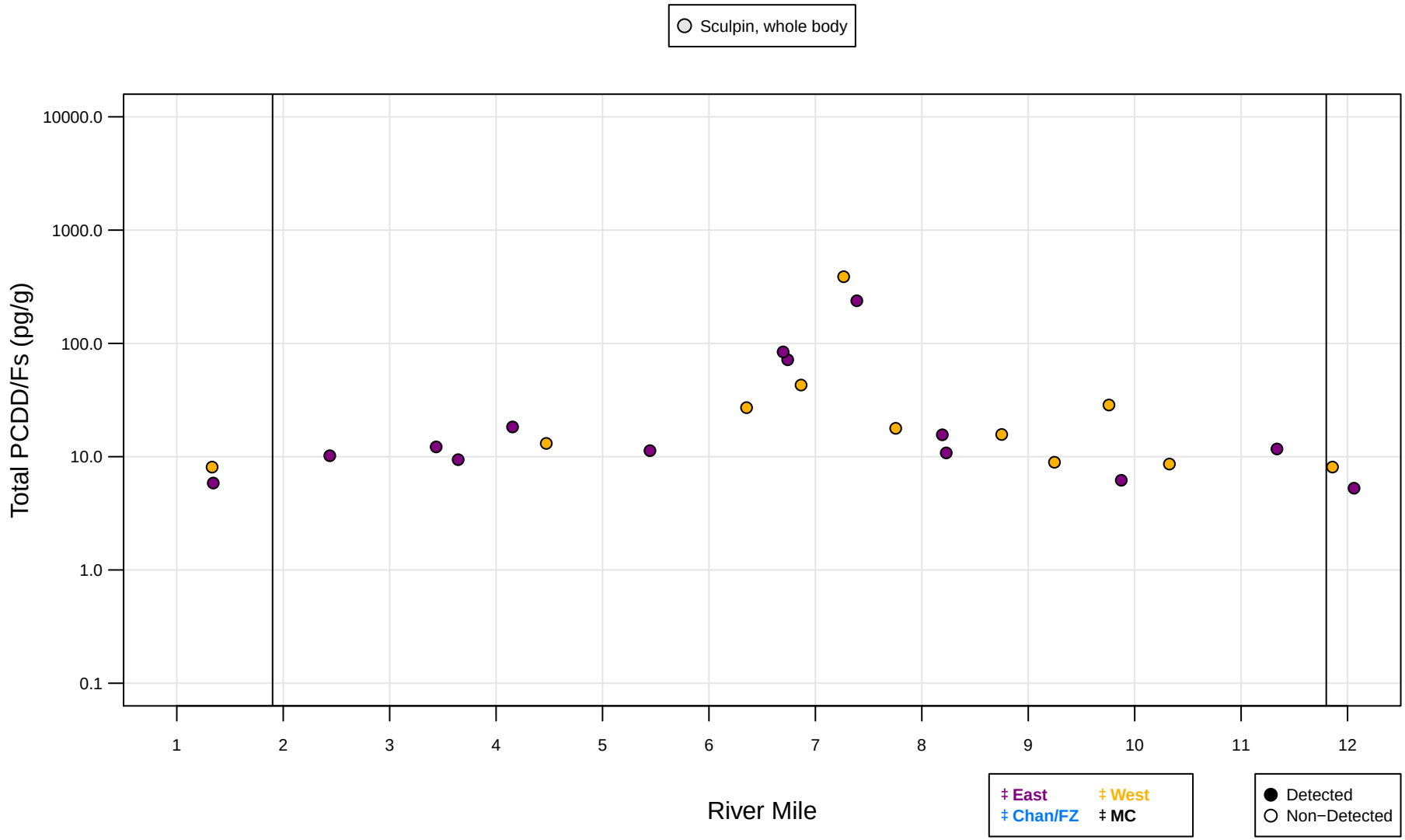


Figure 5.6−2c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs in
Tissue Samples by River Mile, RM 0.8−12.2

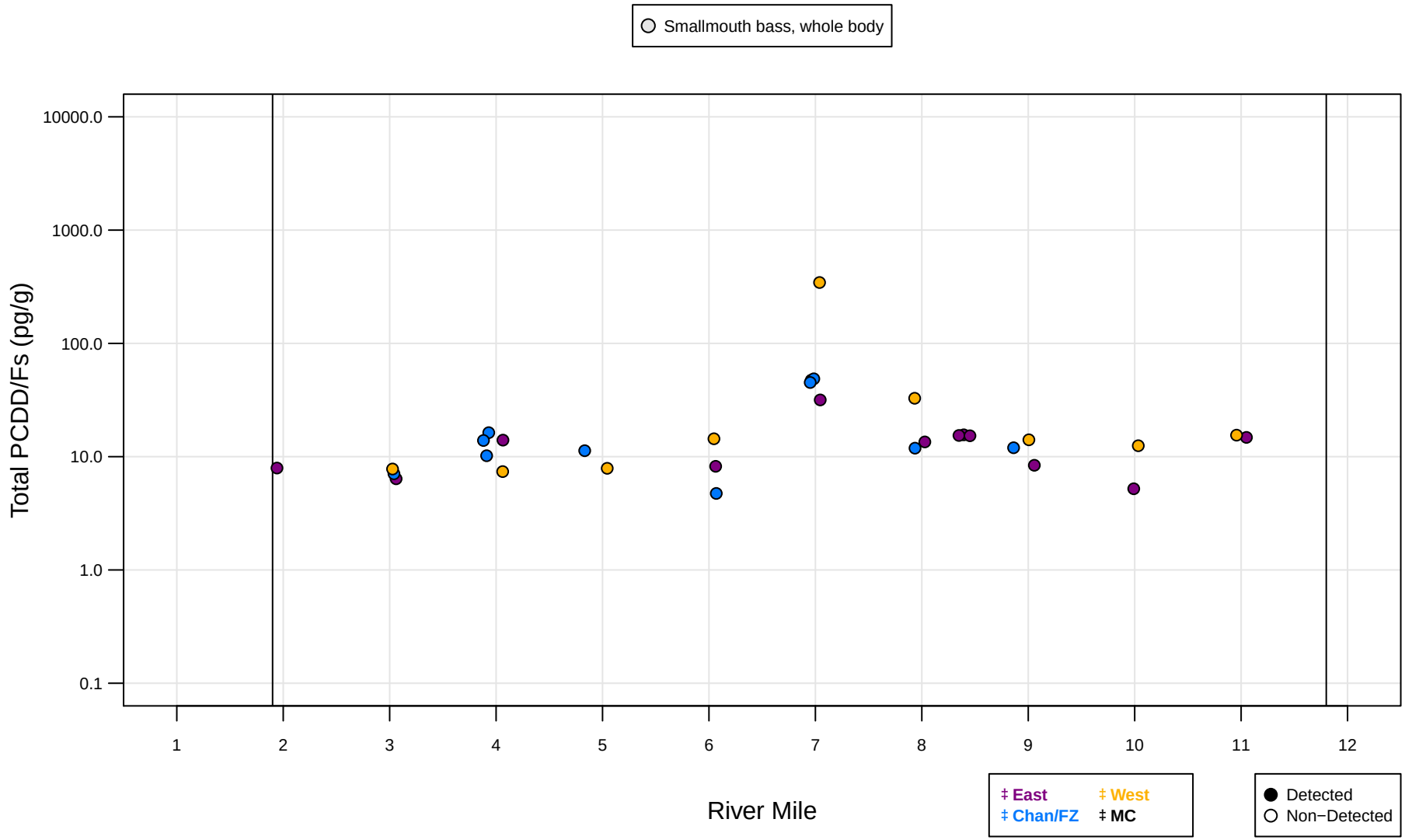


Figure 5.6−2d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs in
Tissue Samples by River Mile, RM 0.8−12.2

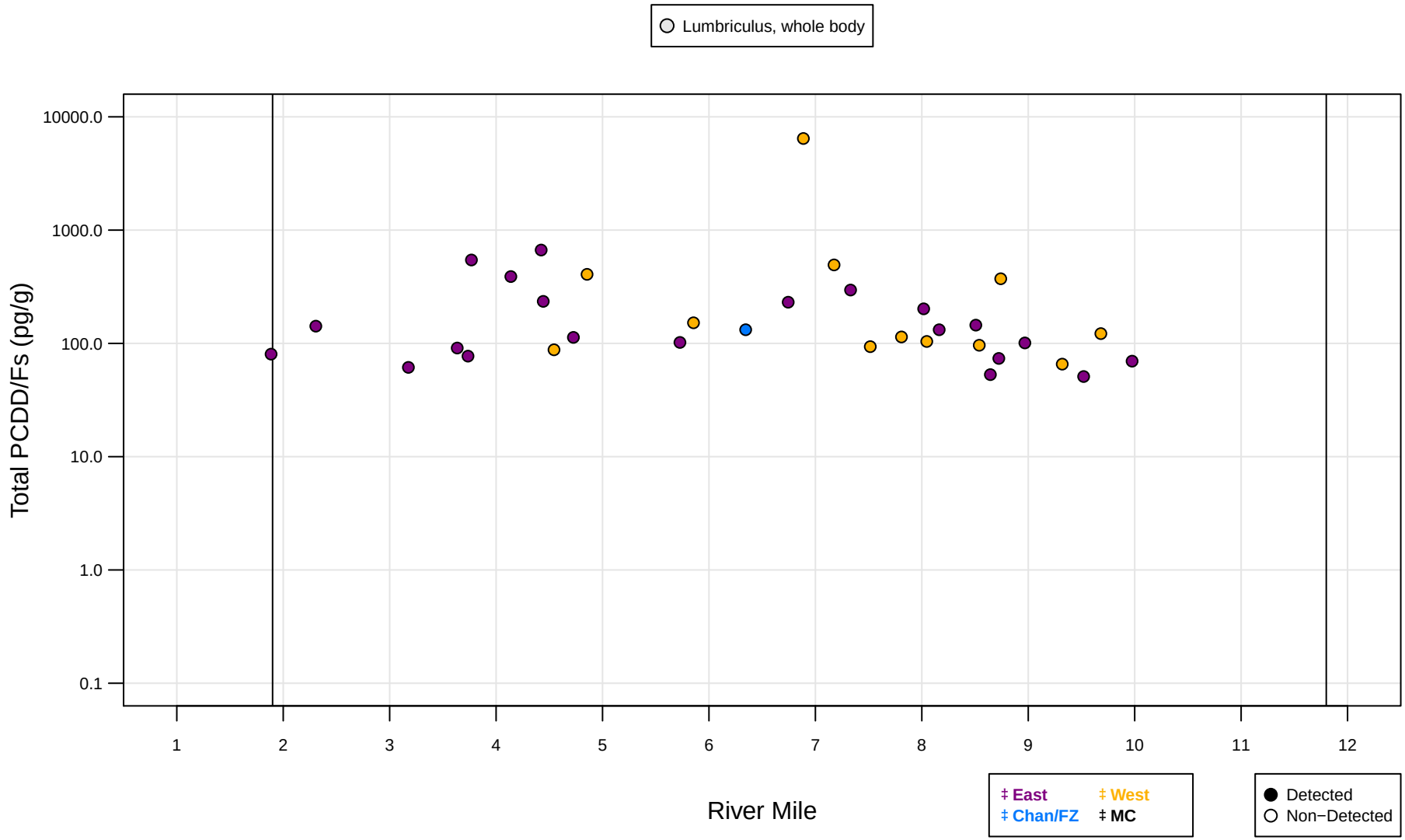


Figure 5.6−2e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PCDD/Fs in
Tissue Samples by River Mile, RM 0.8−12.2

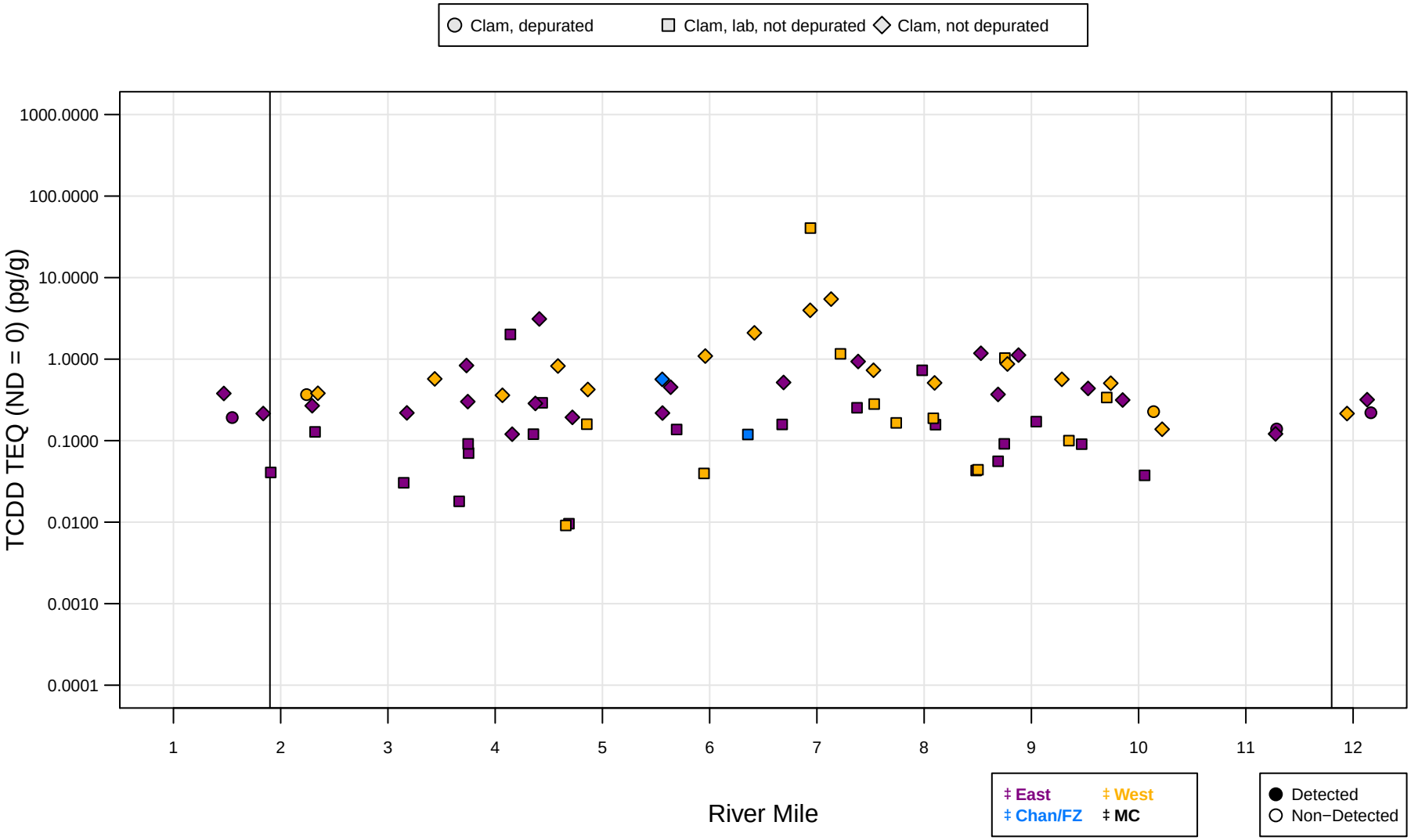


Figure 5.6−3a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ (ND = 0) in
Tissue Samples by River Mile, RM 0.8−12.2

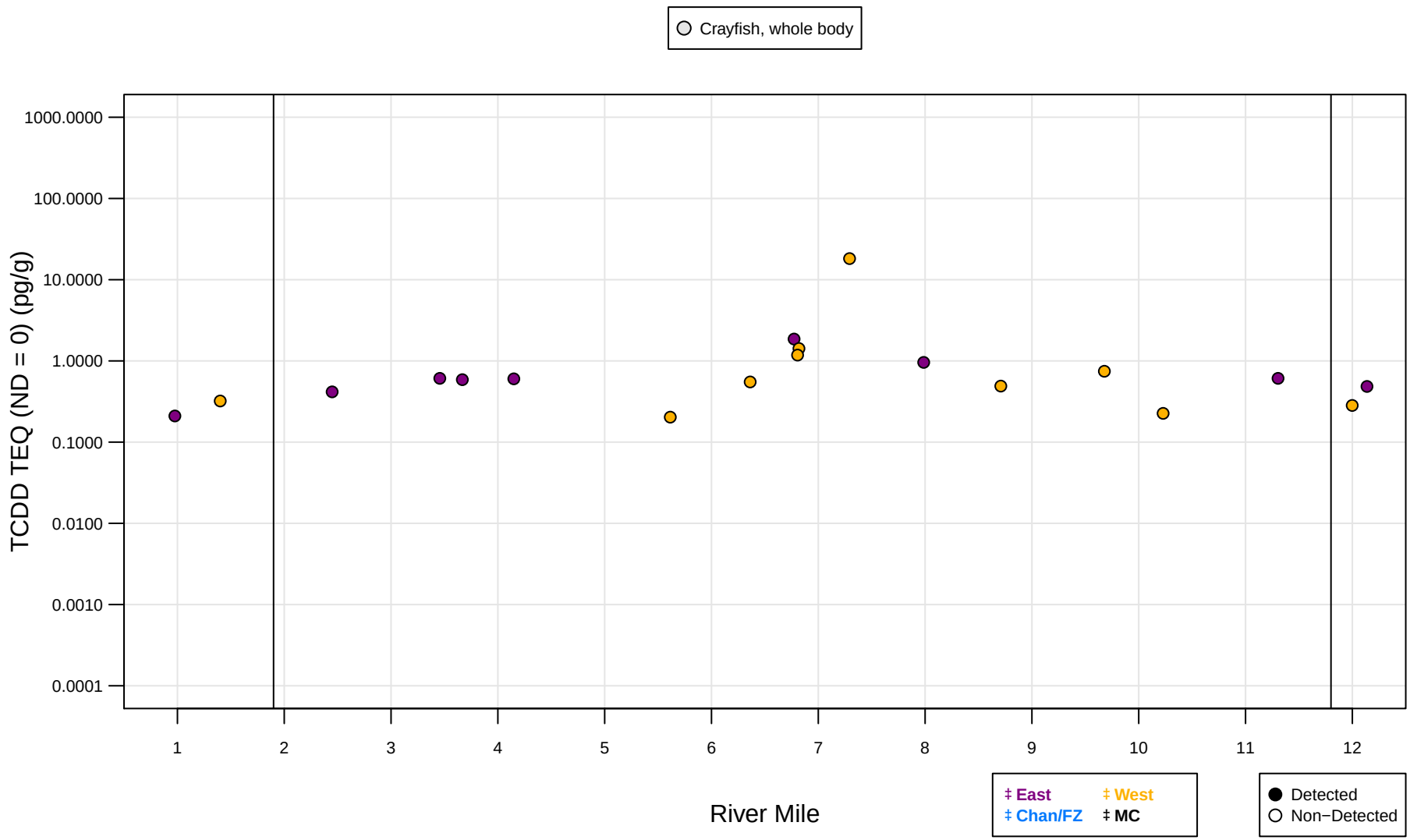


Figure 5.6−3b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ (ND = 0) in
Tissue Samples by River Mile, RM 0.8−12.2

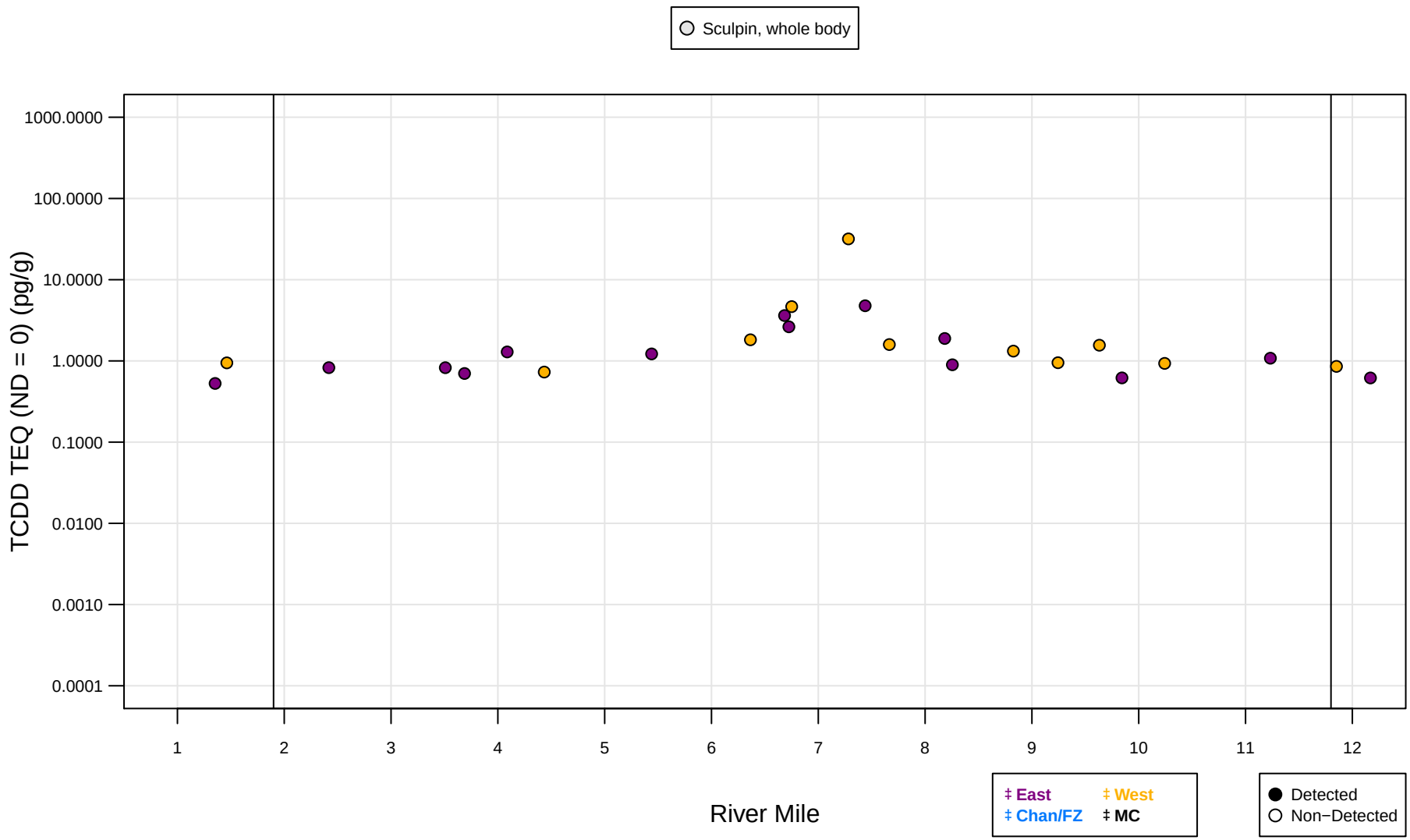


Figure 5.6−3c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ (ND = 0) in
Tissue Samples by River Mile, RM 0.8−12.2

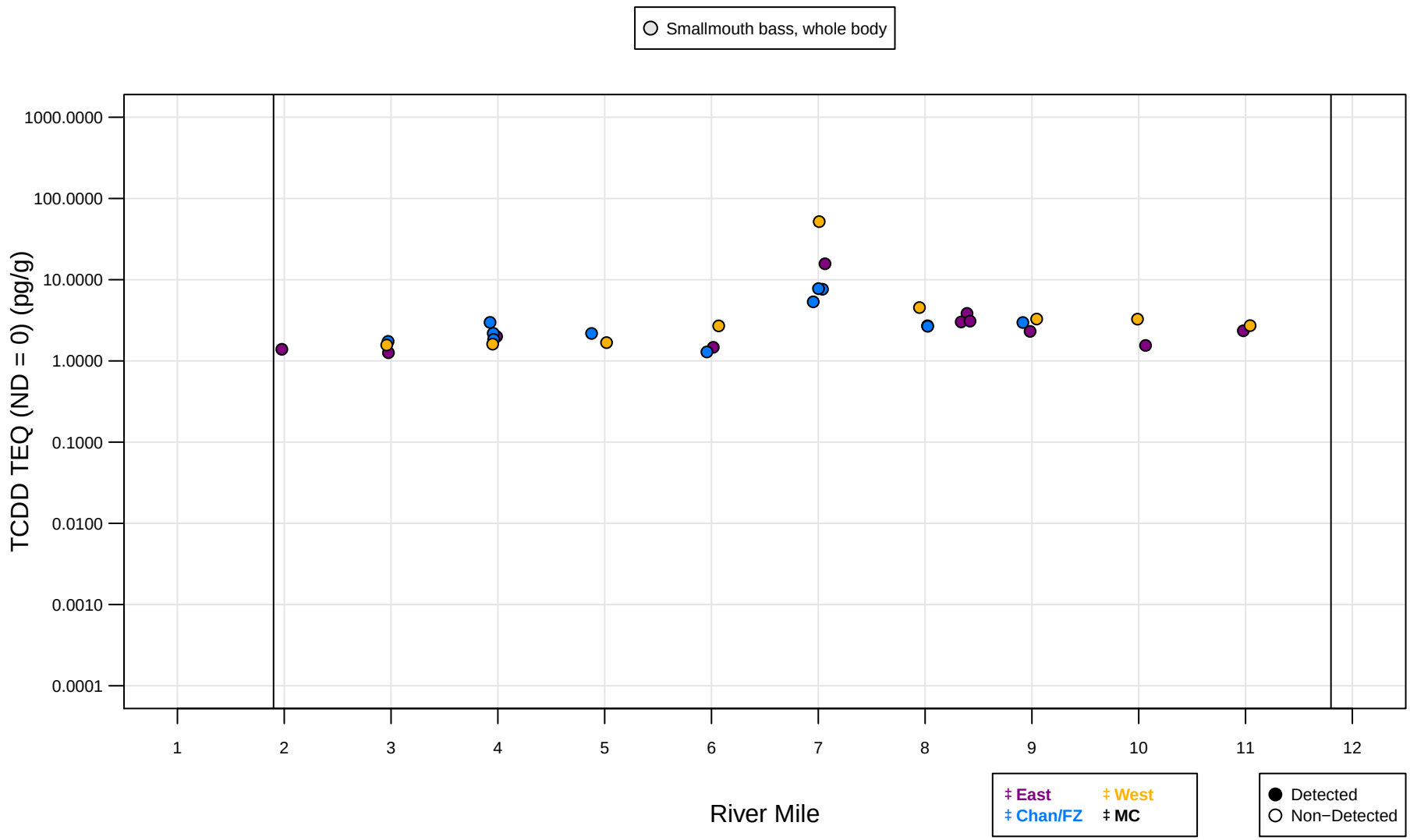


Figure 5.6−3d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ (ND = 0) in
Tissue Samples by River Mile, RM 0.8−12.2

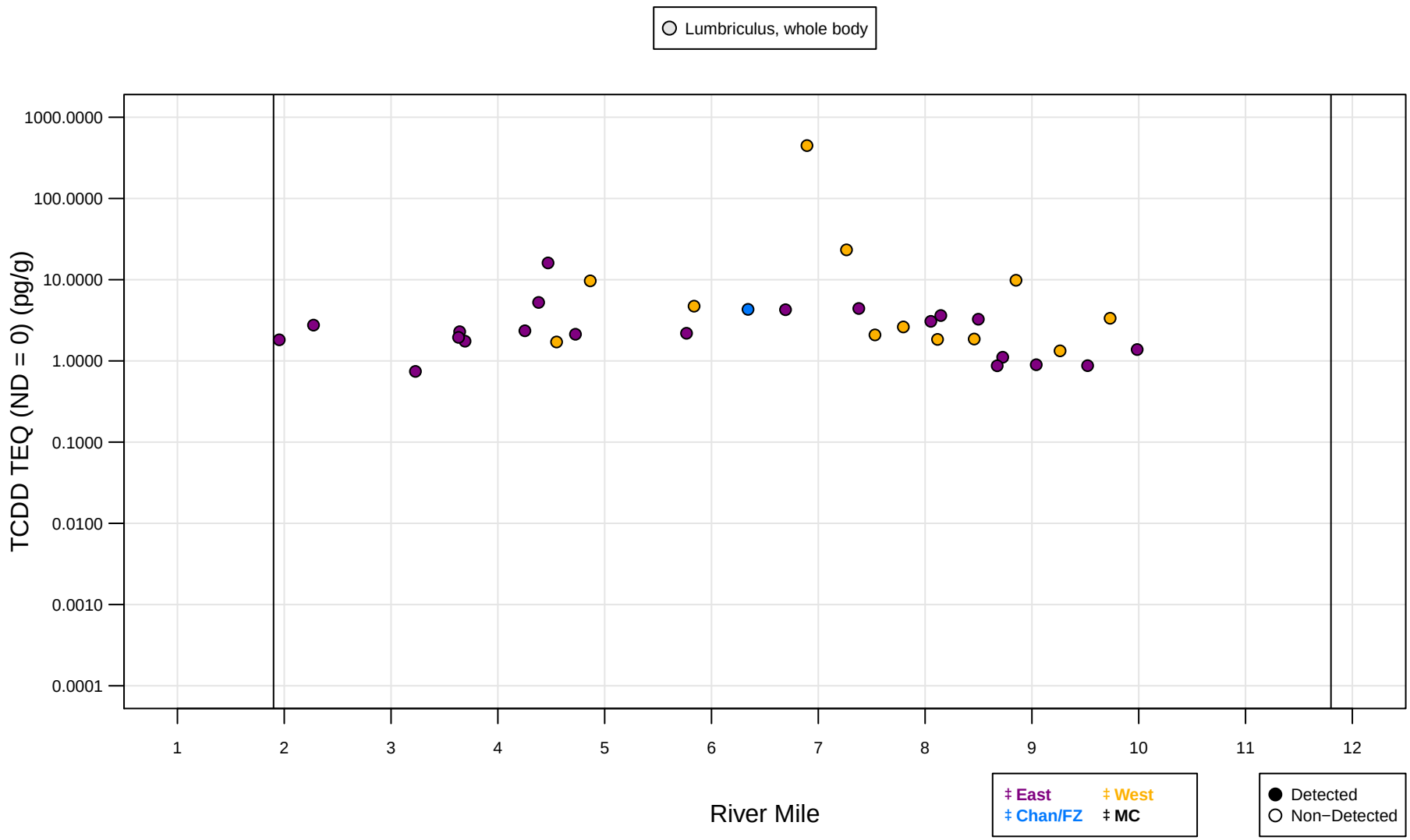


Figure 5.6−3e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of TCDD TEQ (ND = 0) in
Tissue Samples by River Mile, RM 0.8−12.2

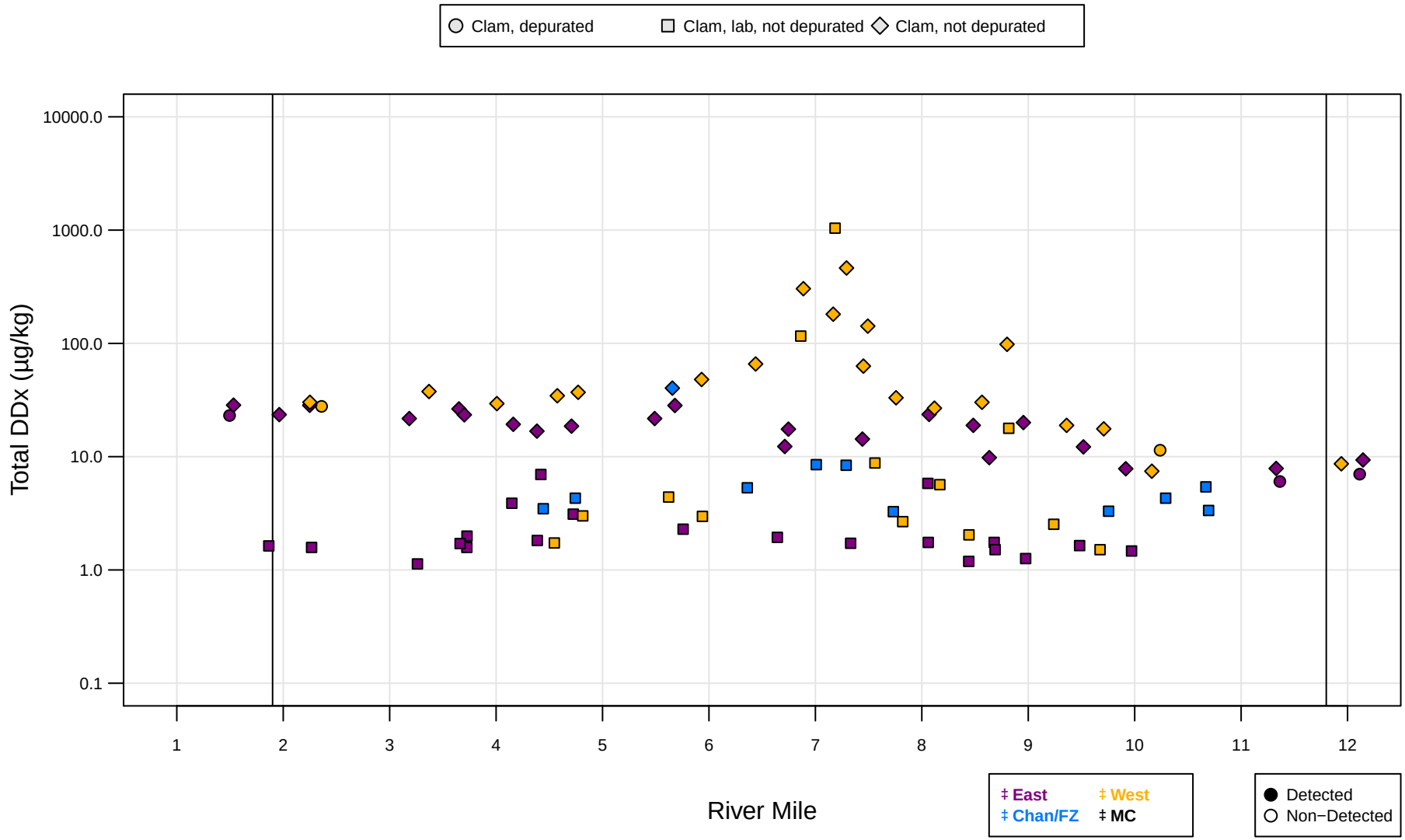


Figure 5.6−4a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx in
Tissue Samples by River Mile, RM 0.8−12.2

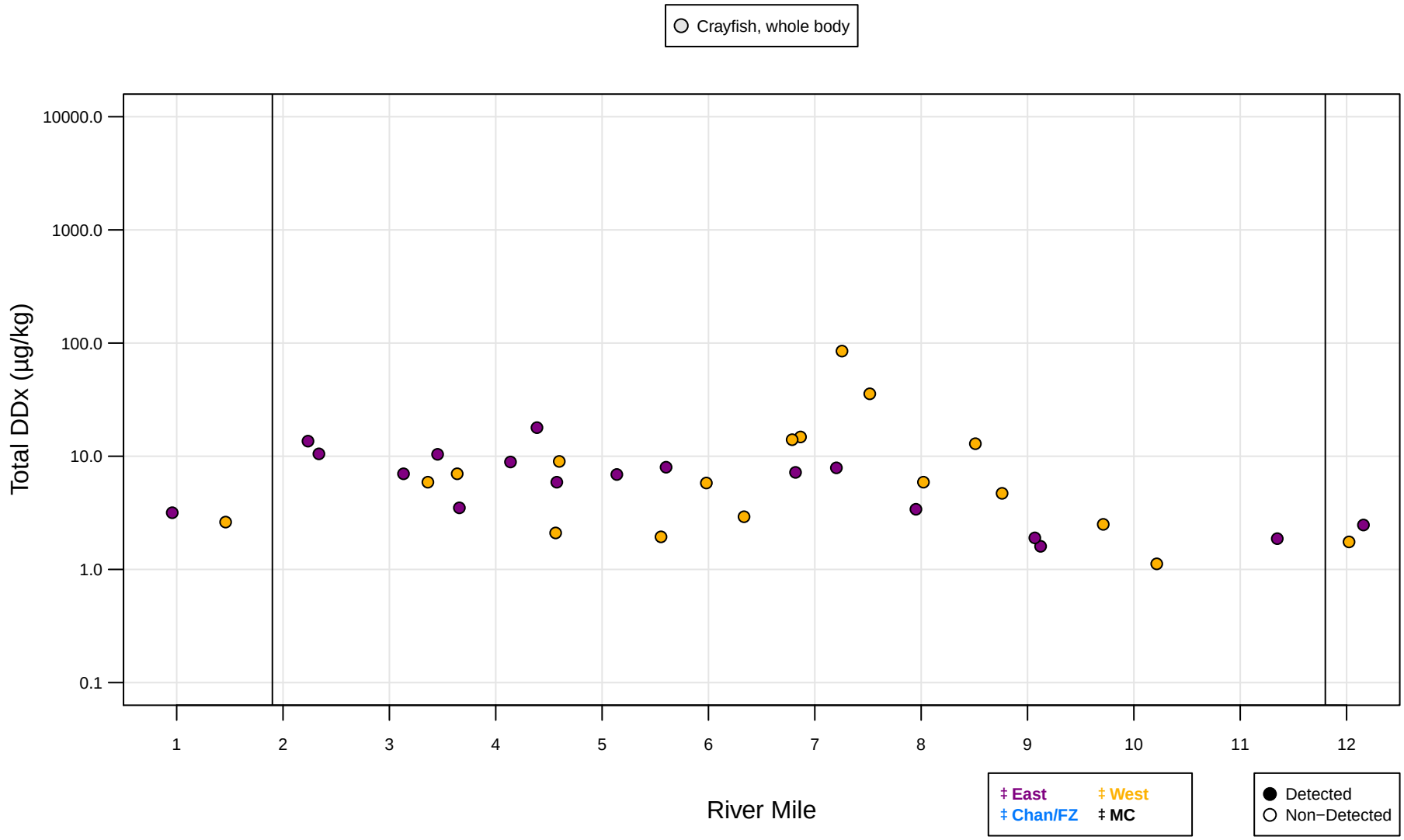


Figure 5.6−4b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx in
Tissue Samples by River Mile, RM 0.8−12.2

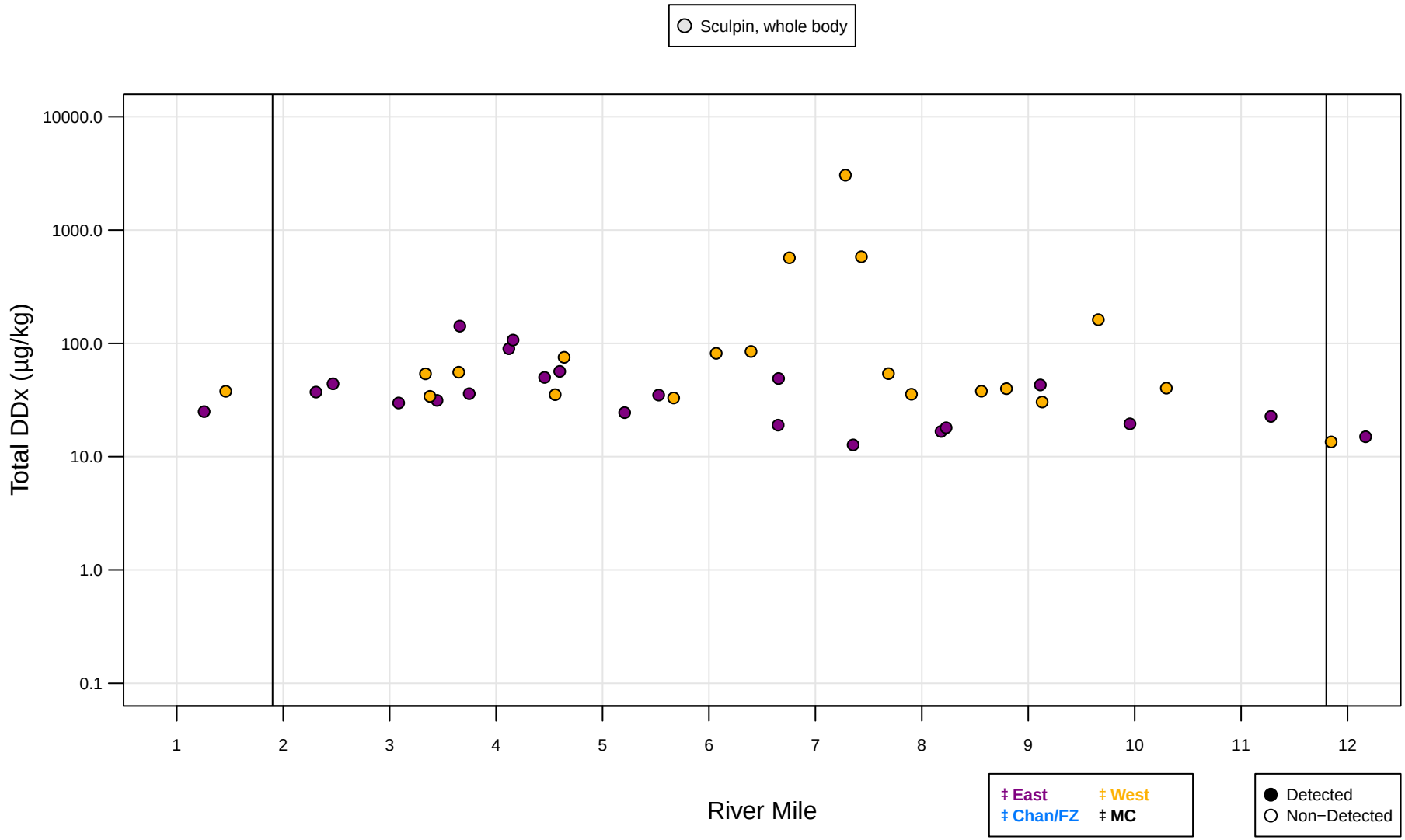


Figure 5.6−4c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx in
Tissue Samples by River Mile, RM 0.8−12.2

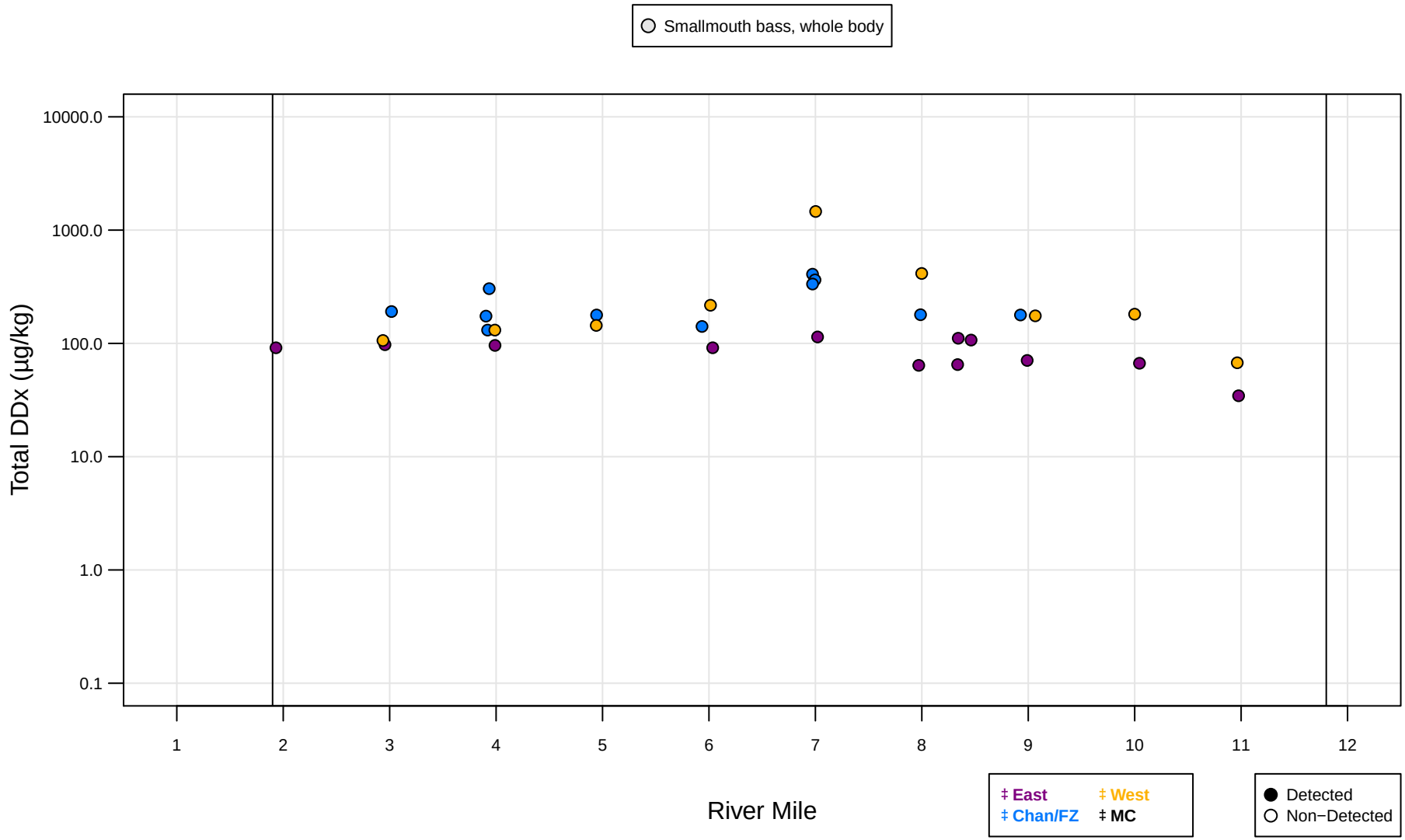


Figure 5.6−4d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx in
Tissue Samples by River Mile, RM 0.8−12.2

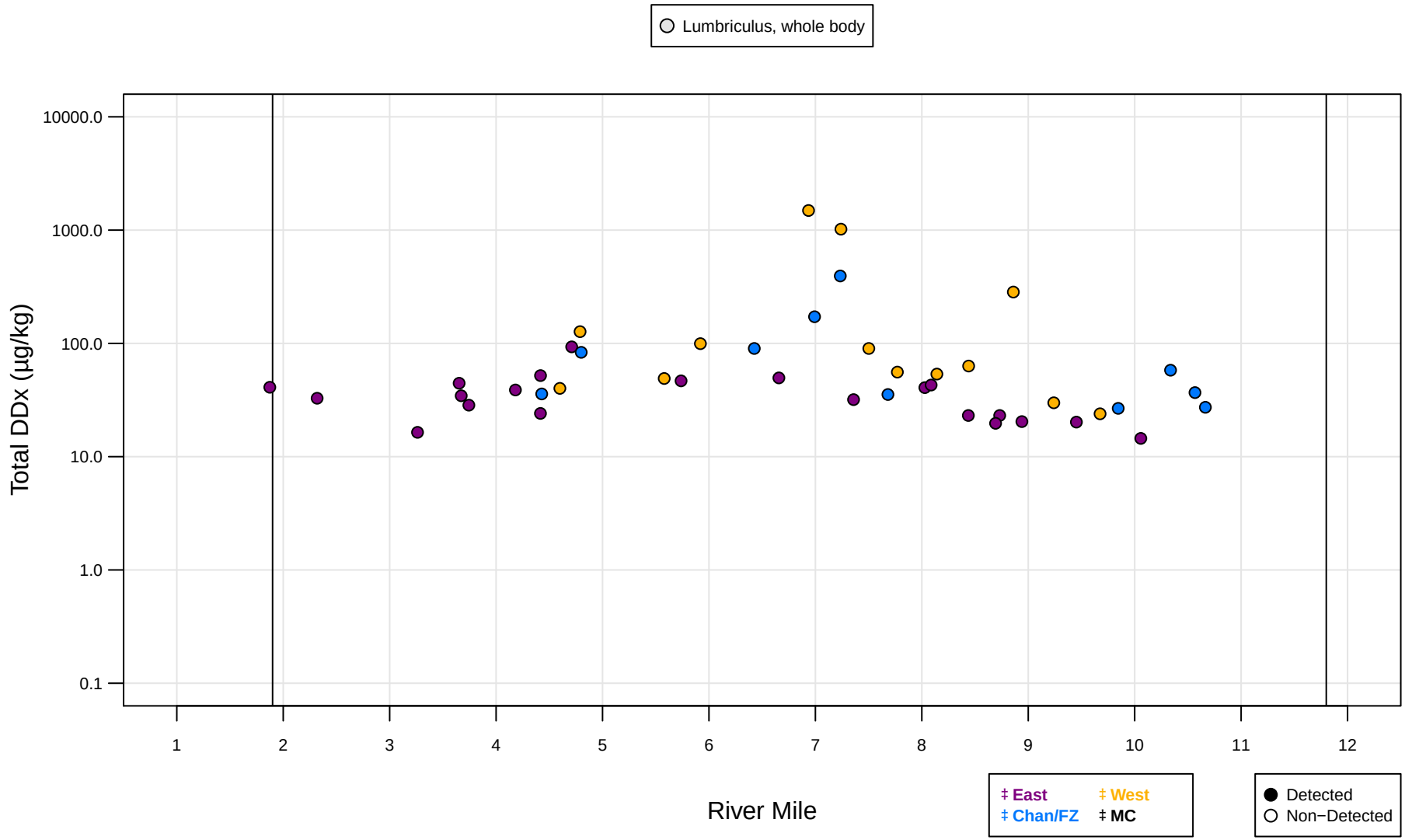


Figure 5.6−4e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total DDx in
Tissue Samples by River Mile, RM 0.8−12.2

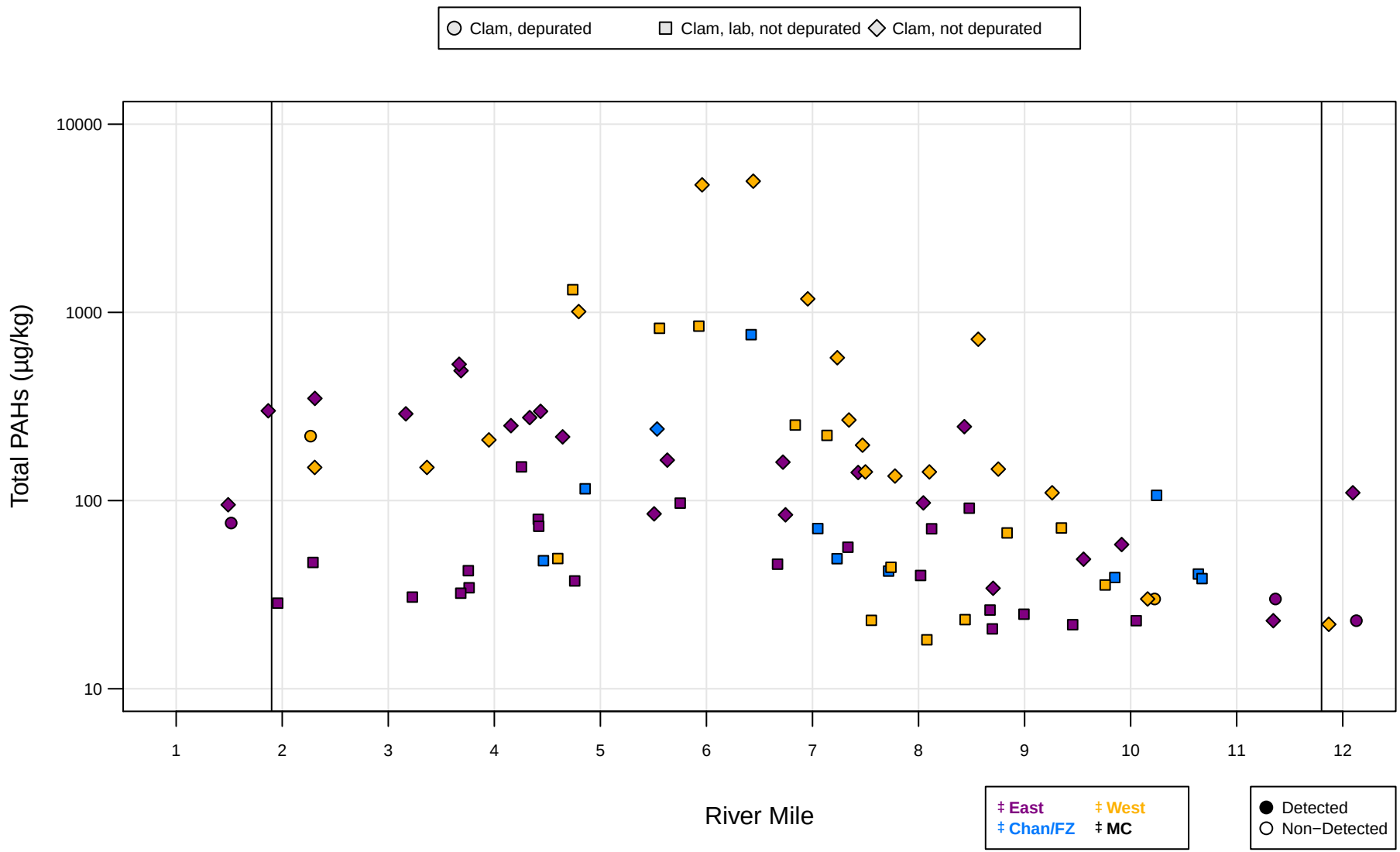


Figure 5.6−5

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total PAHs in
Tissue Samples by River Mile, RM 0.8−12.2

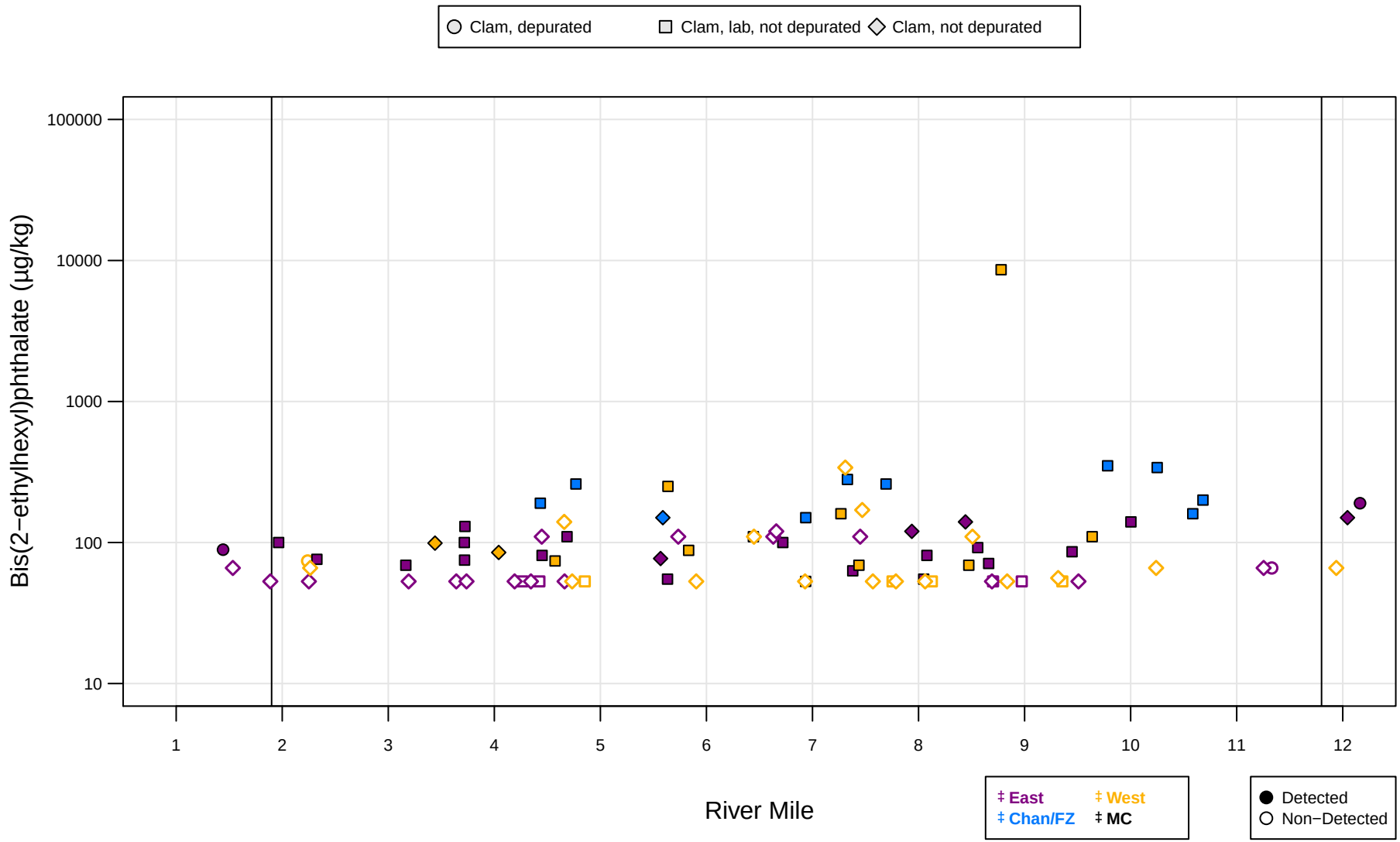


Figure 5.6−6a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate in
Tissue Samples by River Mile, RM 0.8−12.2

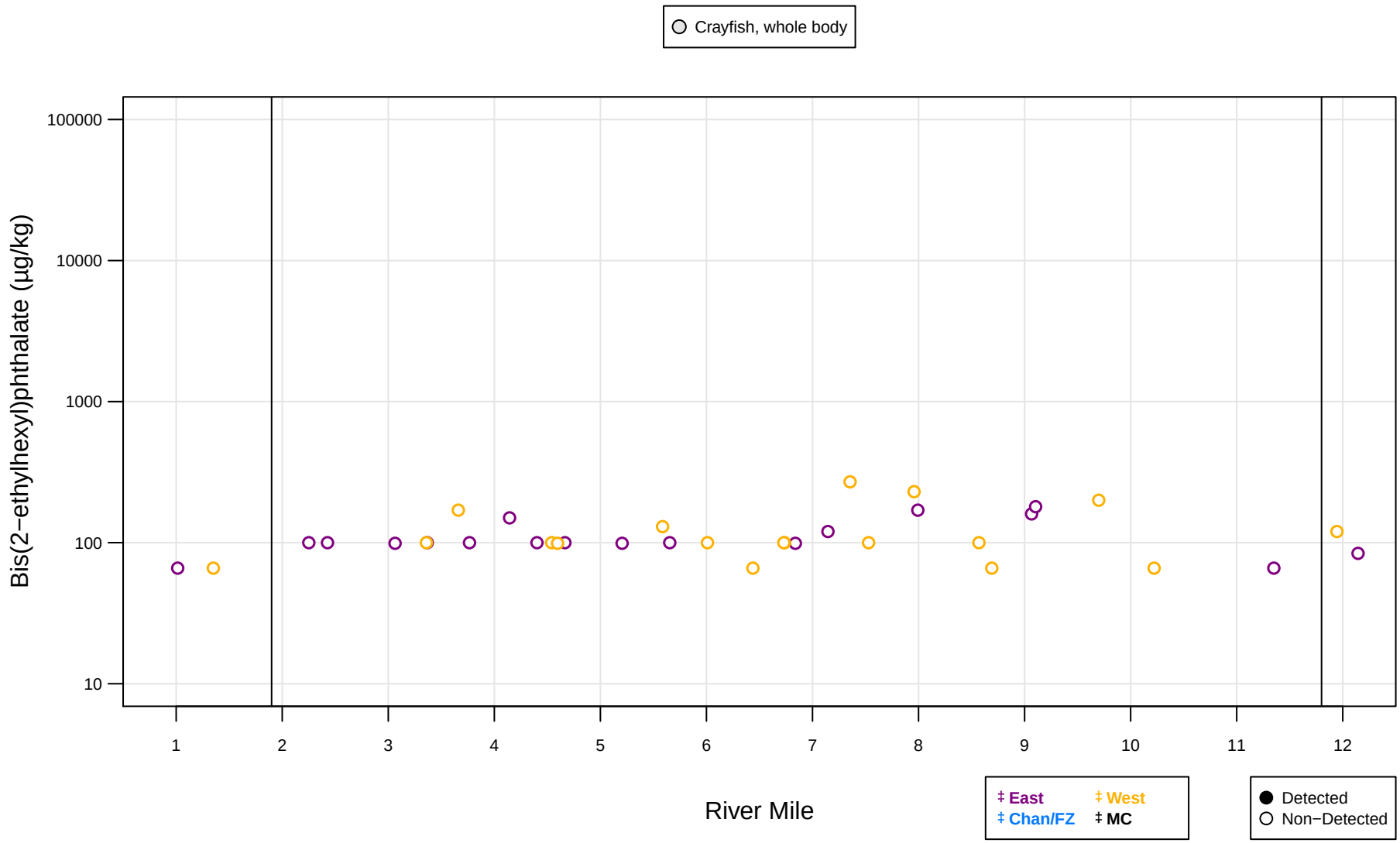


Figure 5.6−6b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate in
Tissue Samples by River Mile, RM 0.8−12.2

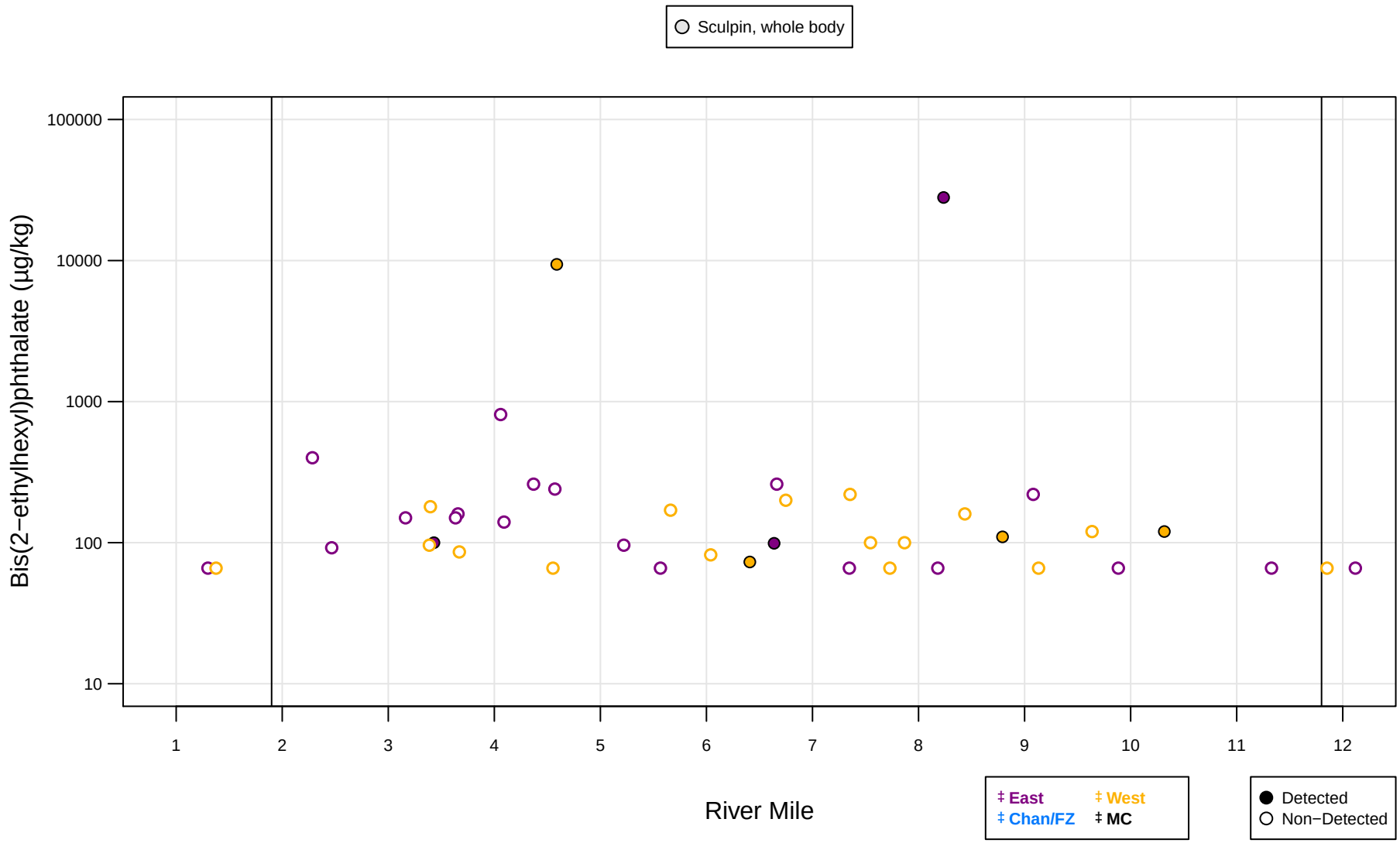


Figure 5.6−6c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate in
Tissue Samples by River Mile, RM 0.8−12.2

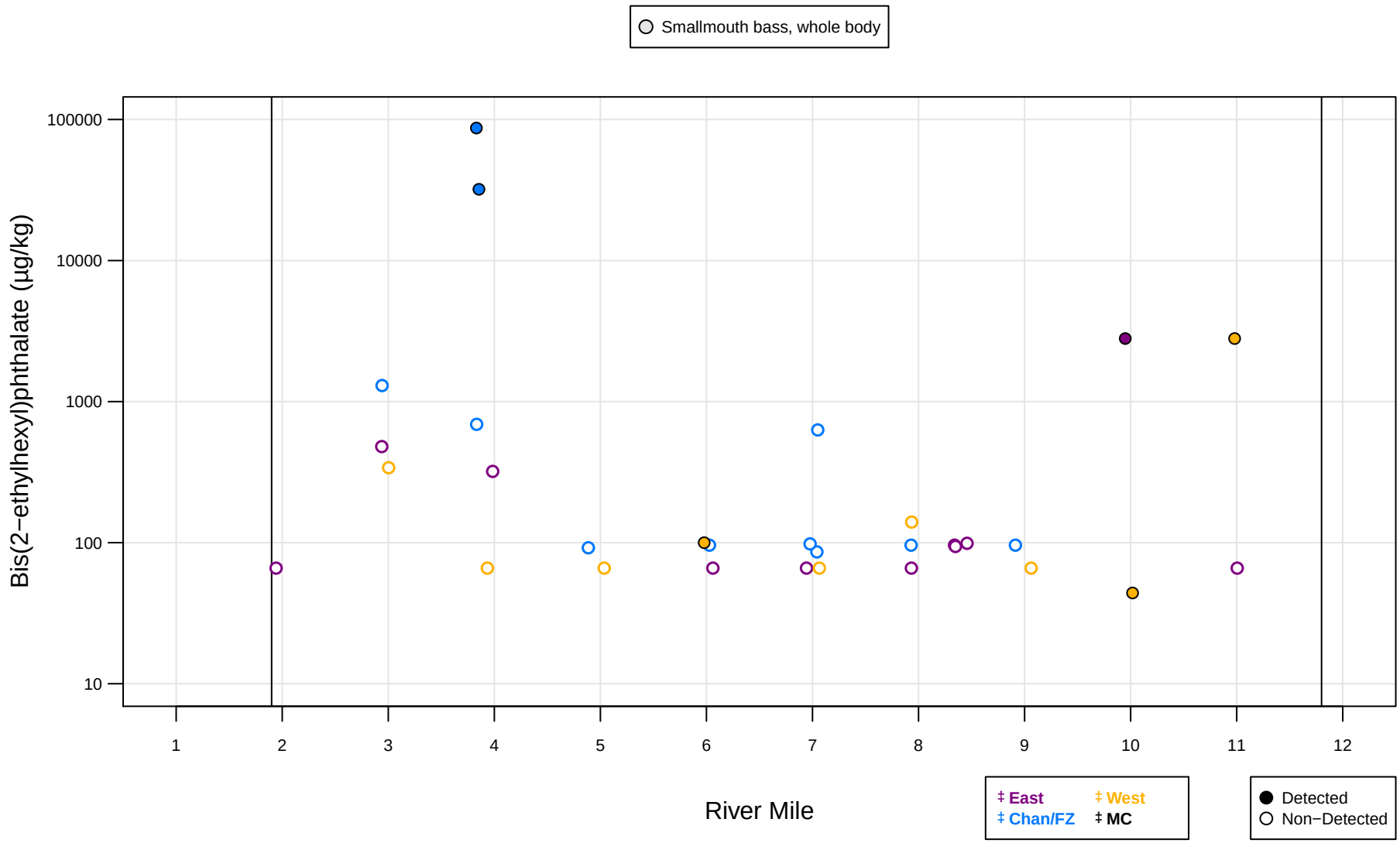


Figure 5.6−6d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate in
Tissue Samples by River Mile, RM 0.8−12.2

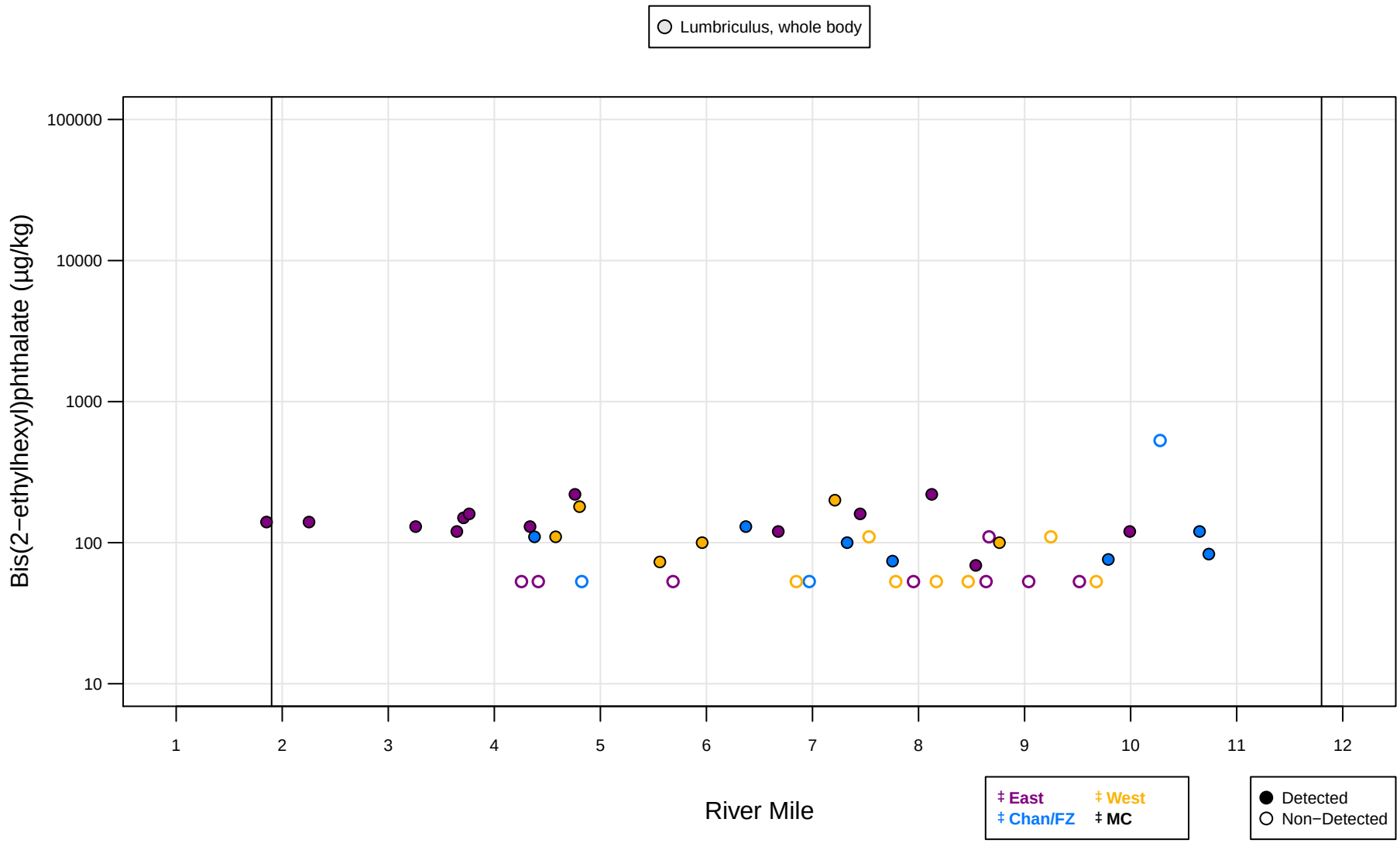


Figure 5.6−6e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Bis(2−ethylhexyl)phthalate in
Tissue Samples by River Mile, RM 0.8−12.2

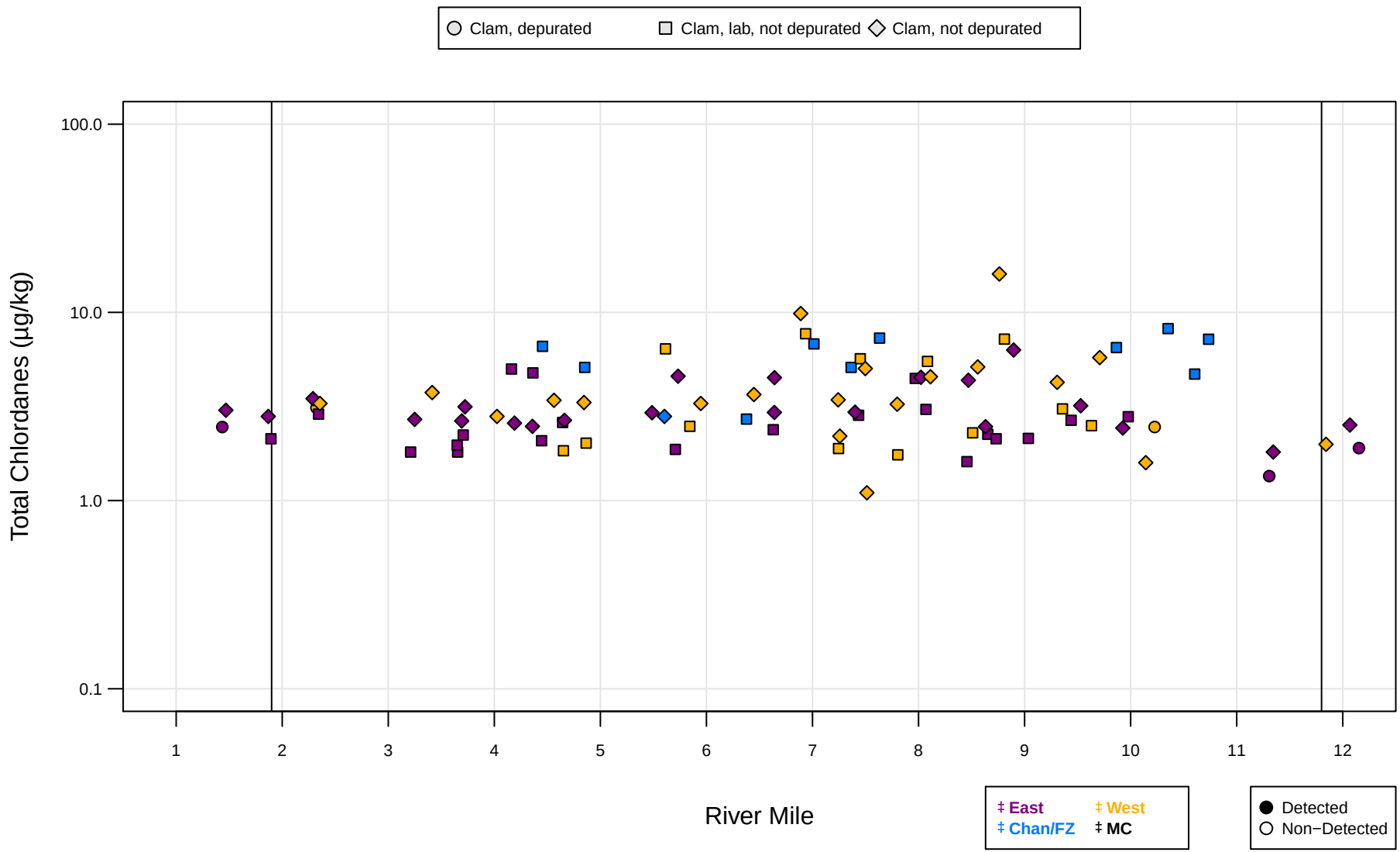


Figure 5.6−7a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes in
Tissue Samples by River Mile, RM 0.8−12.2

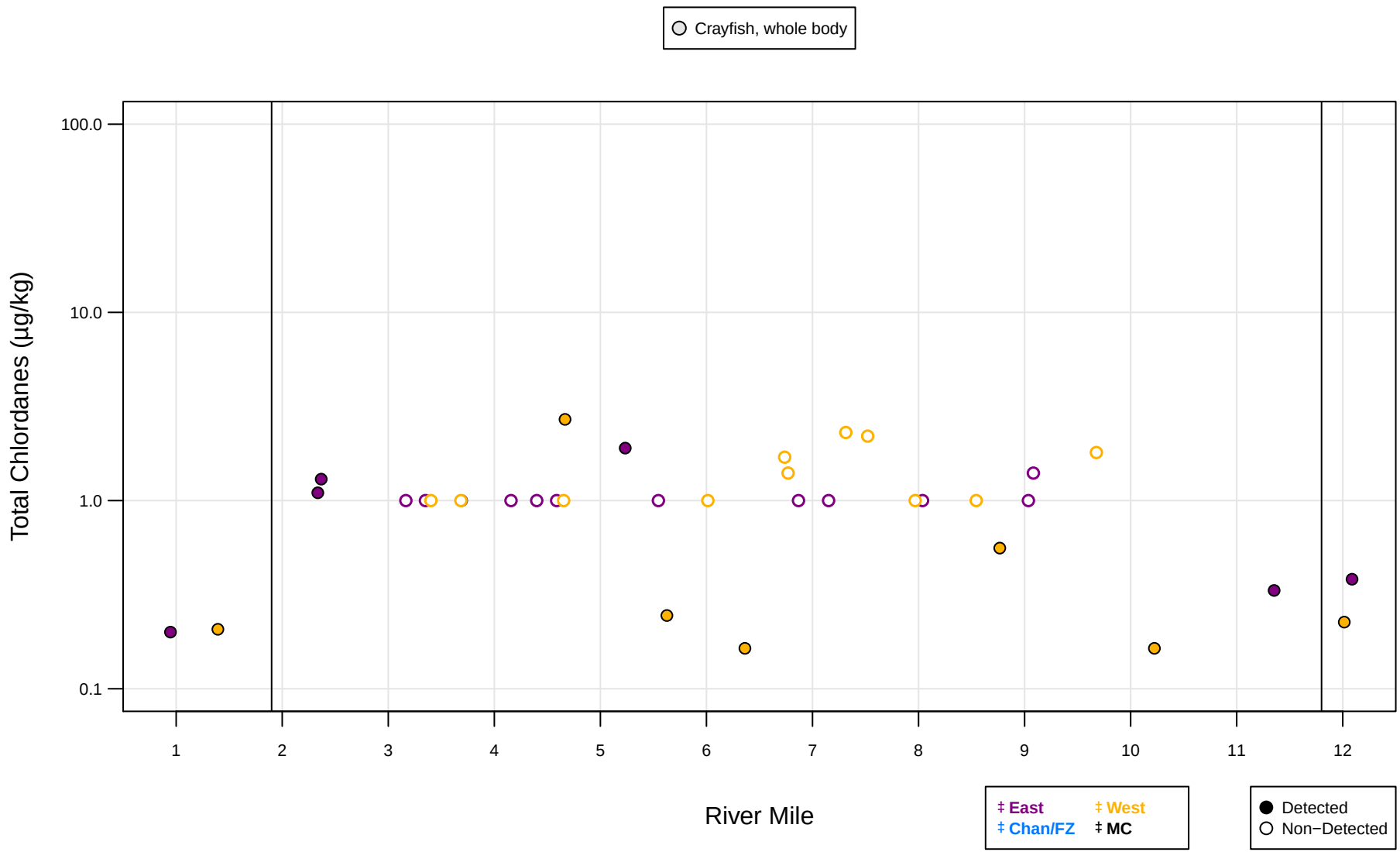


Figure 5.6−7b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes in
Tissue Samples by River Mile, RM 0.8−12.2

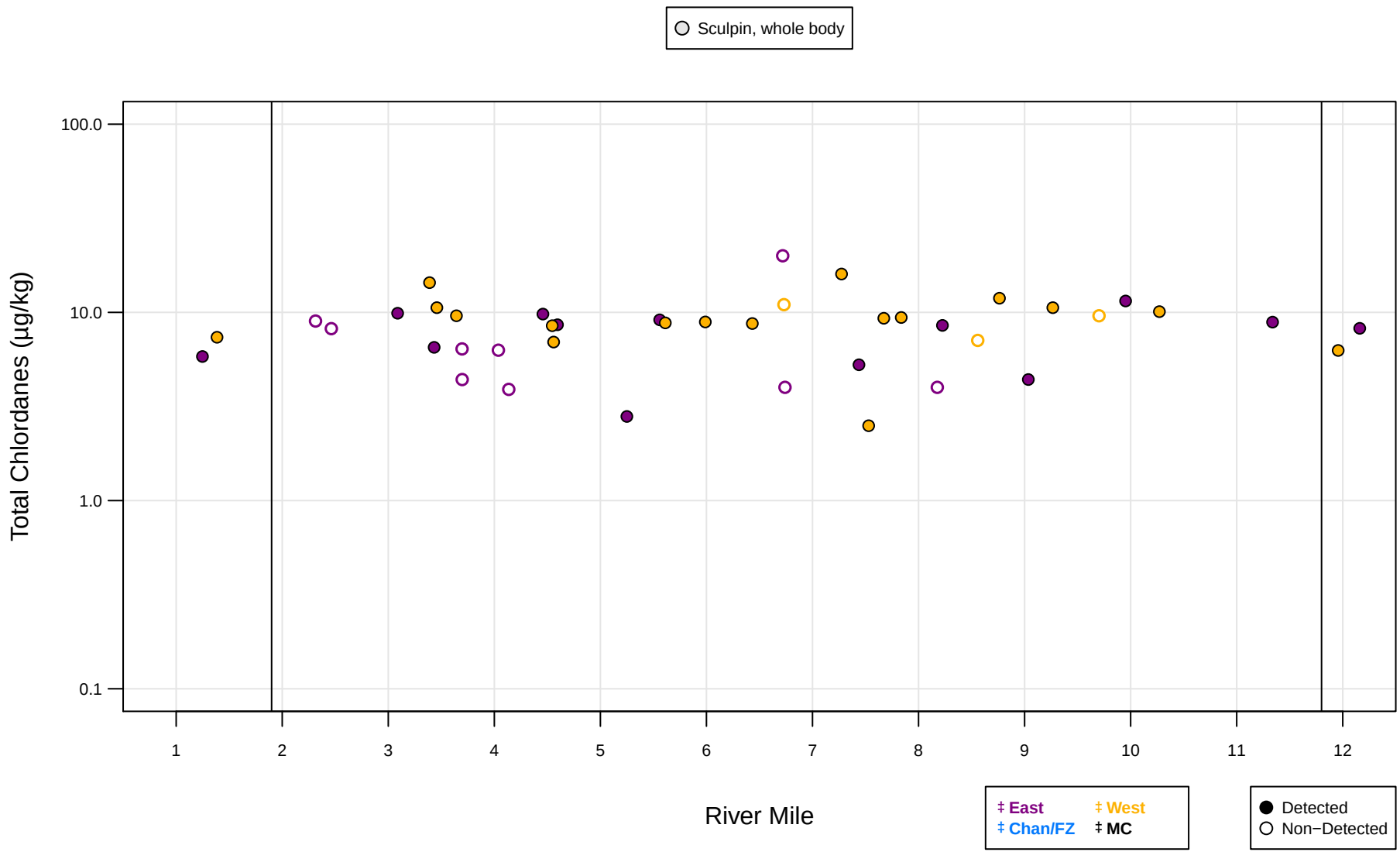


Figure 5.6−7c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes in
Tissue Samples by River Mile, RM 0.8−12.2

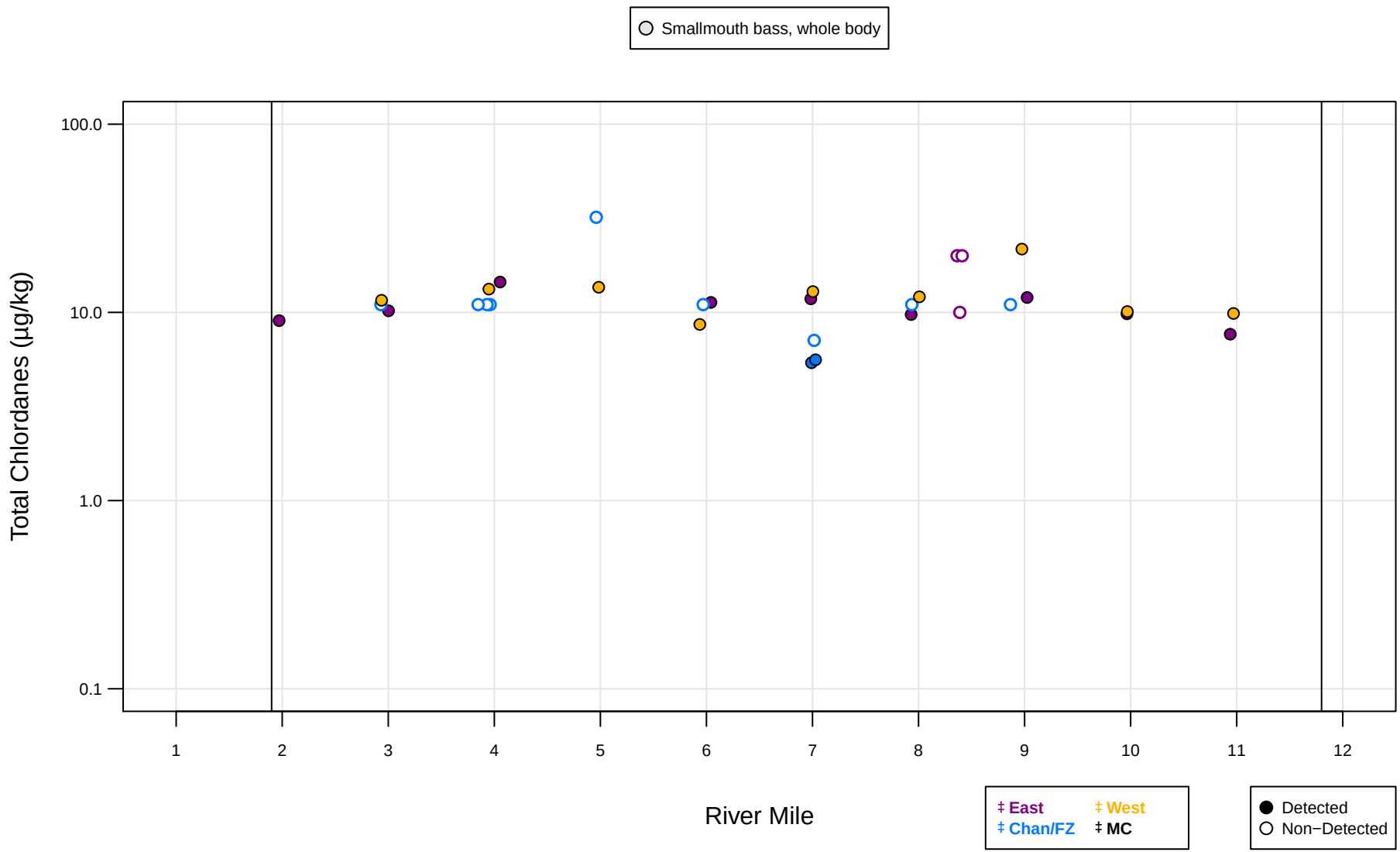


Figure 5.6−7d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes in
Tissue Samples by River Mile, RM 0.8−12.2

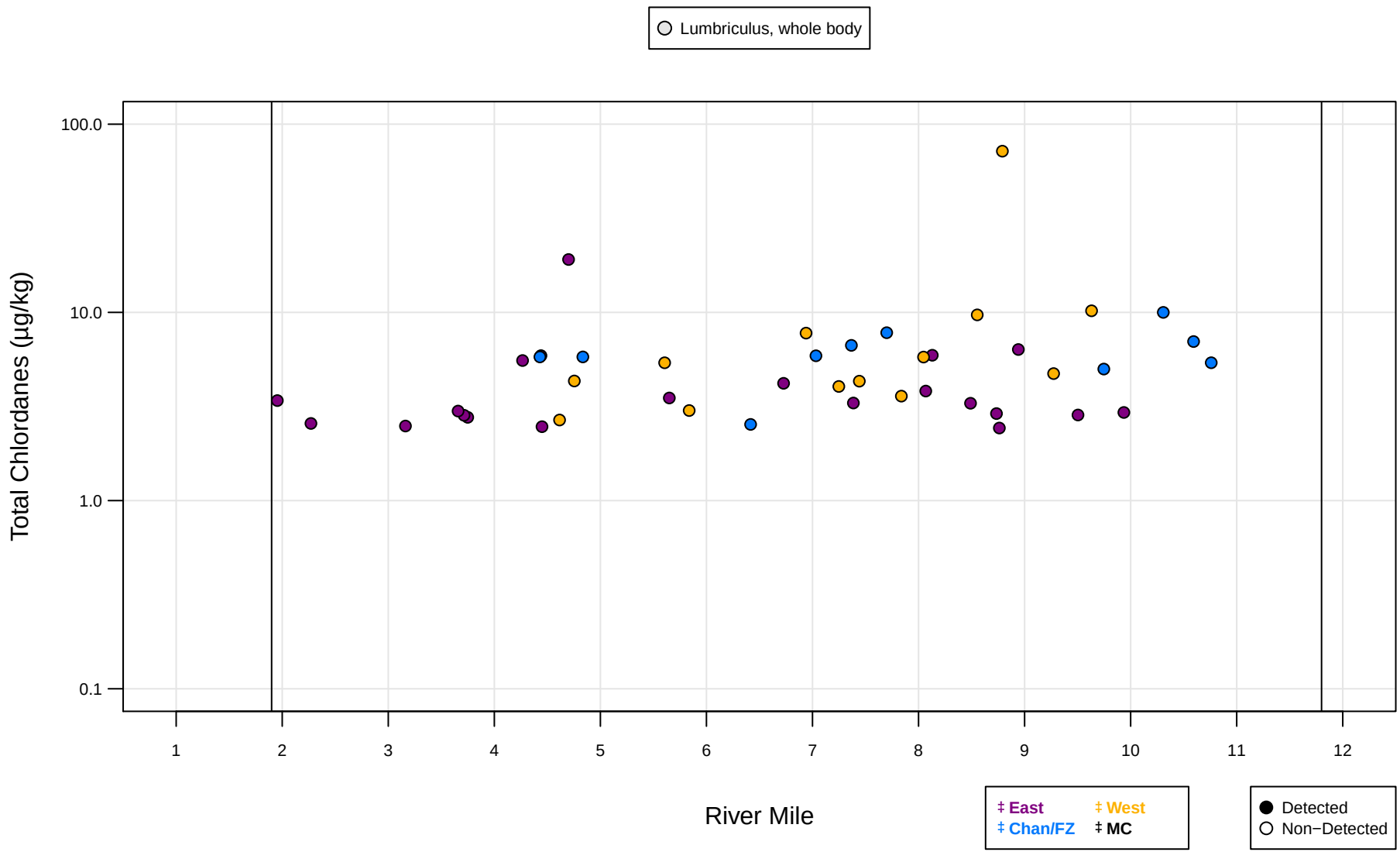


Figure 5.6−7e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Total Chlordanes in
Tissue Samples by River Mile, RM 0.8−12.2

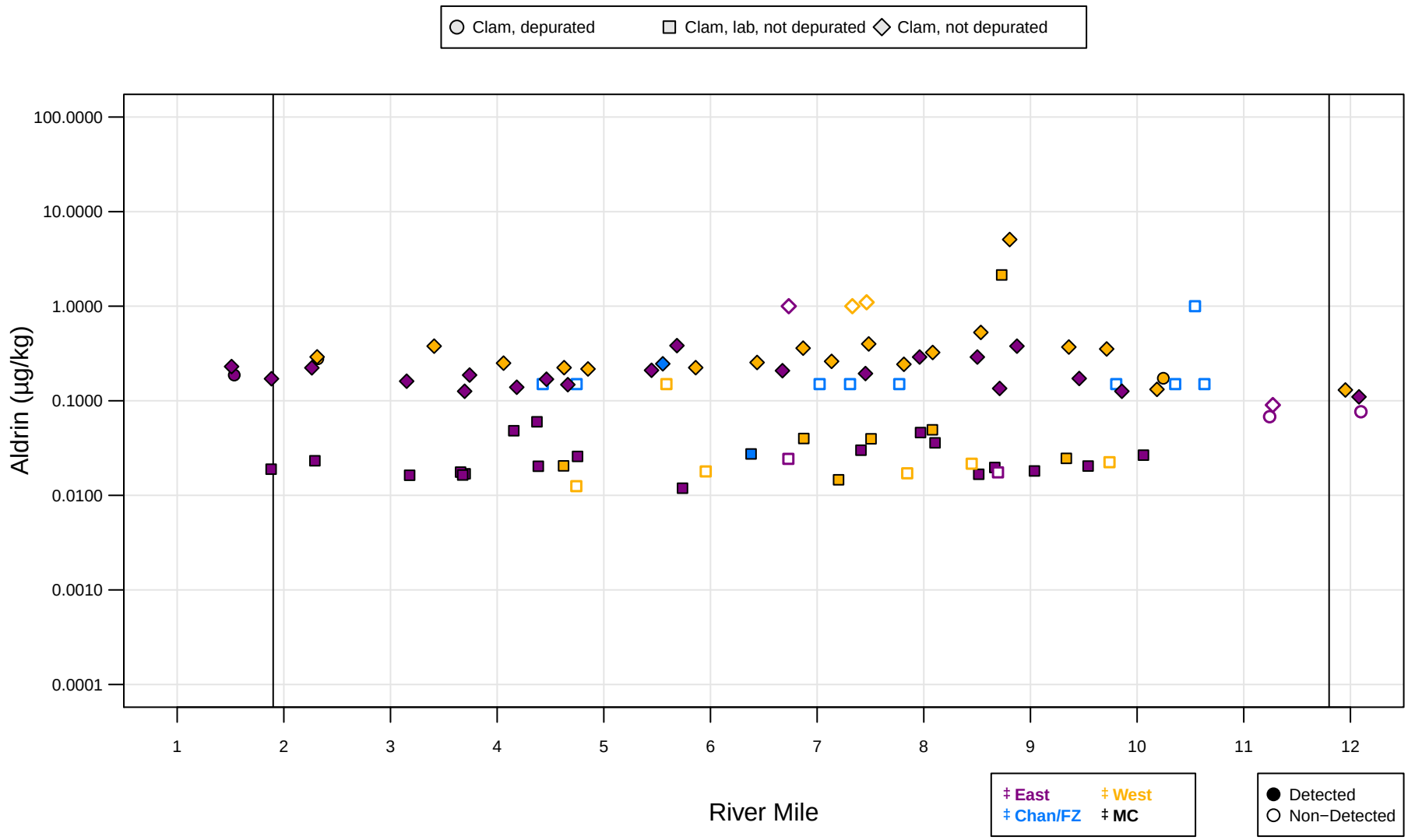


Figure 5.6−8a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin in
Tissue Samples by River Mile, RM 0.8−12.2

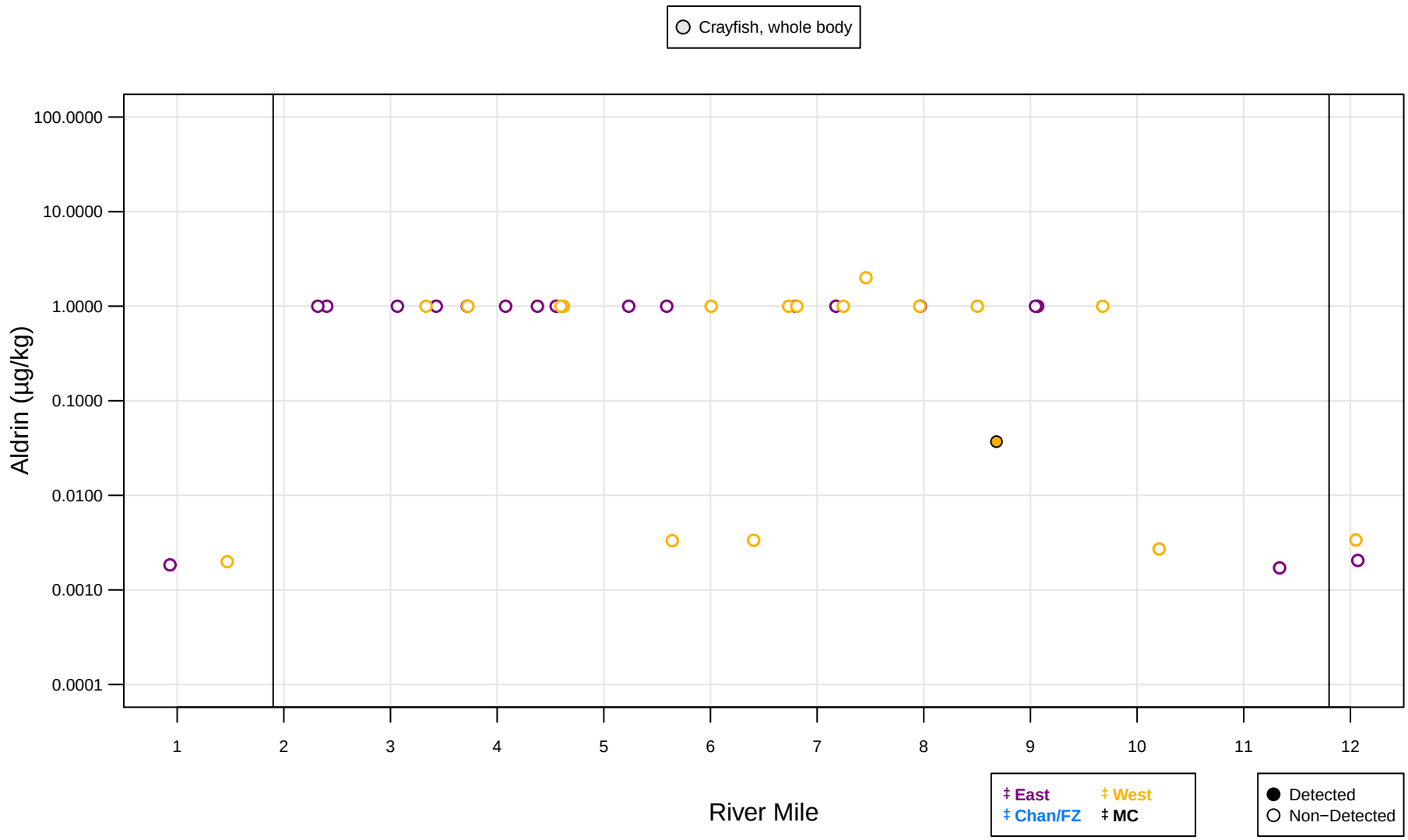


Figure 5.6−8b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin in
Tissue Samples by River Mile, RM 0.8−12.2

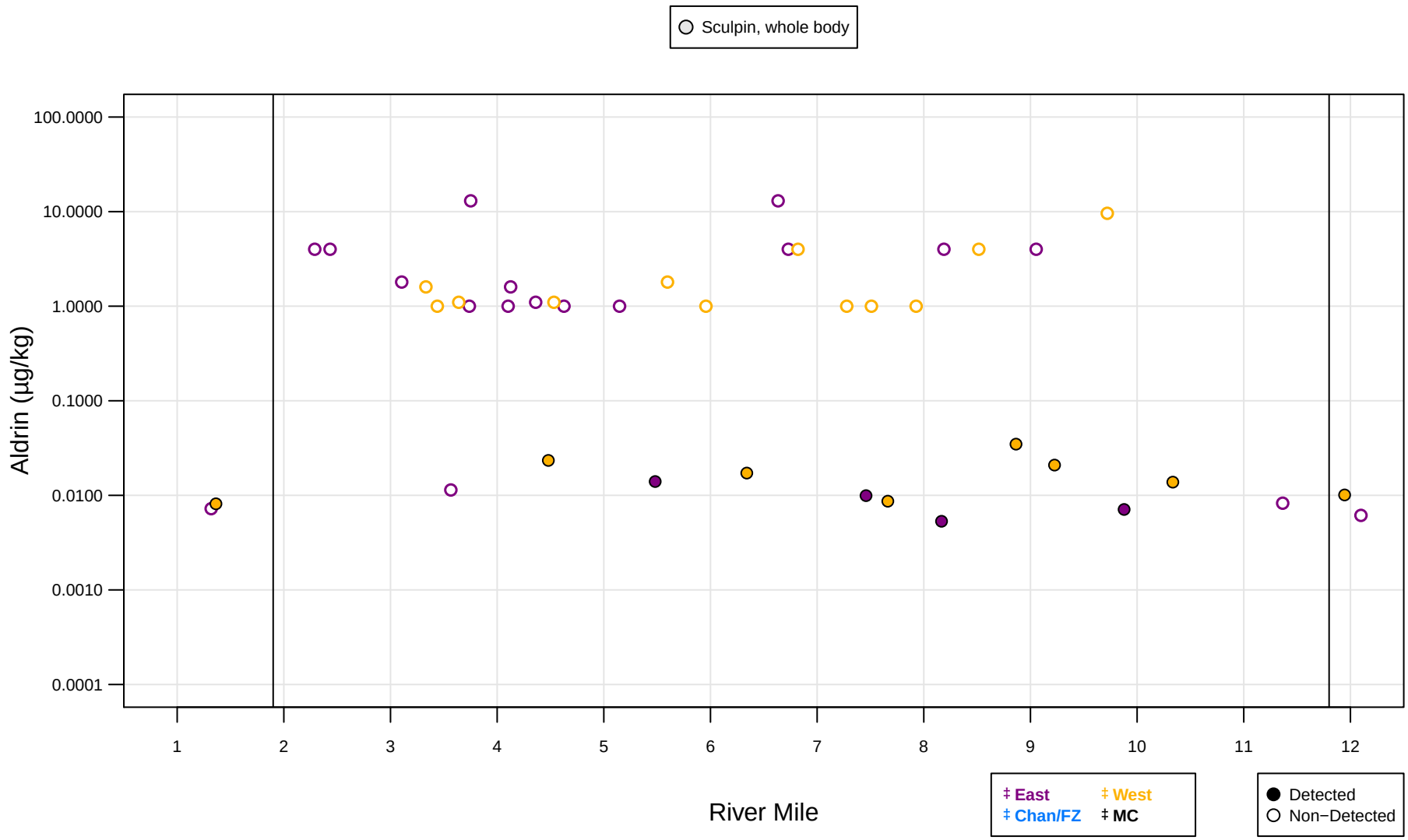


Figure 5.6−8c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin in
Tissue Samples by River Mile, RM 0.8−12.2

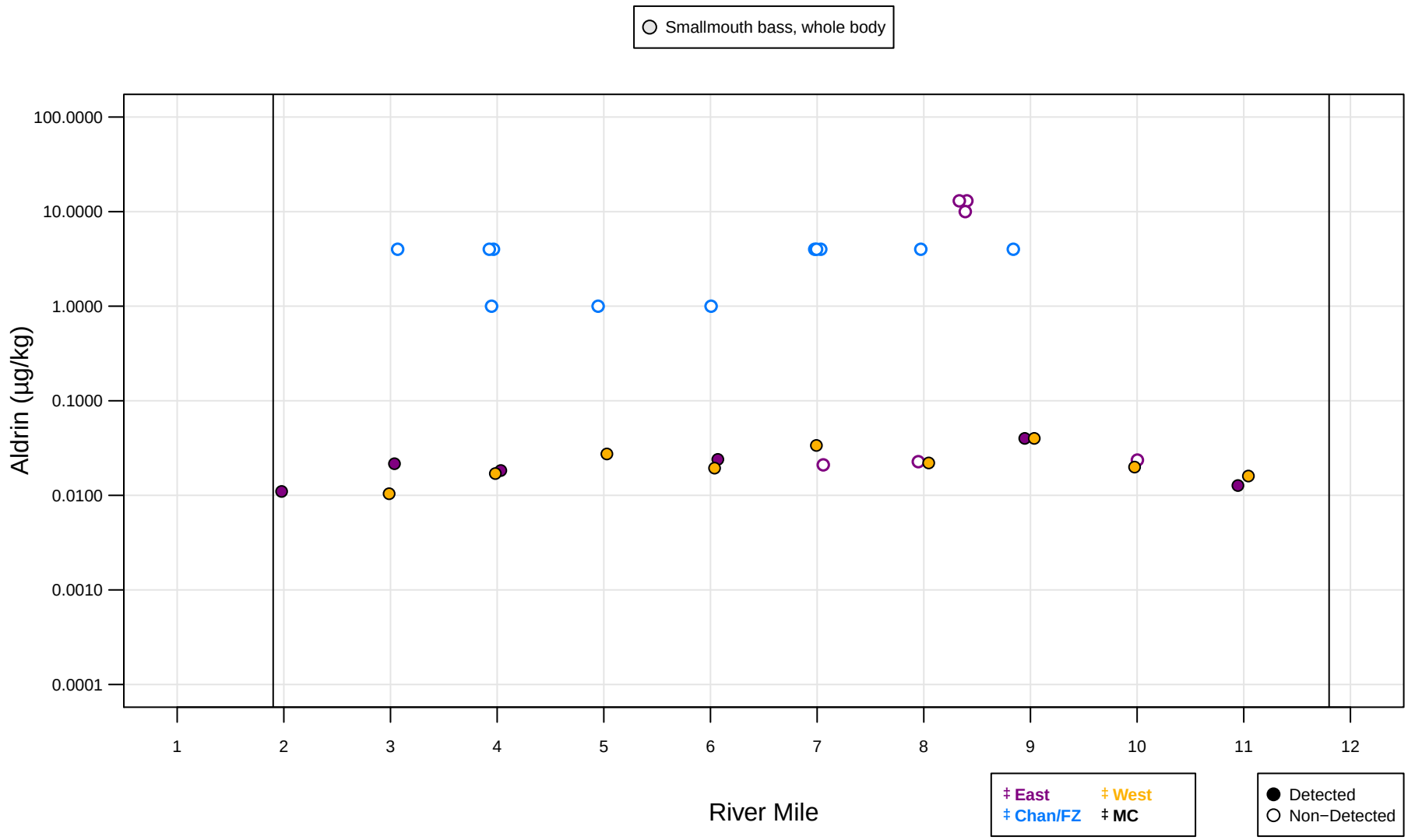


Figure 5.6−8d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin in
Tissue Samples by River Mile, RM 0.8−12.2

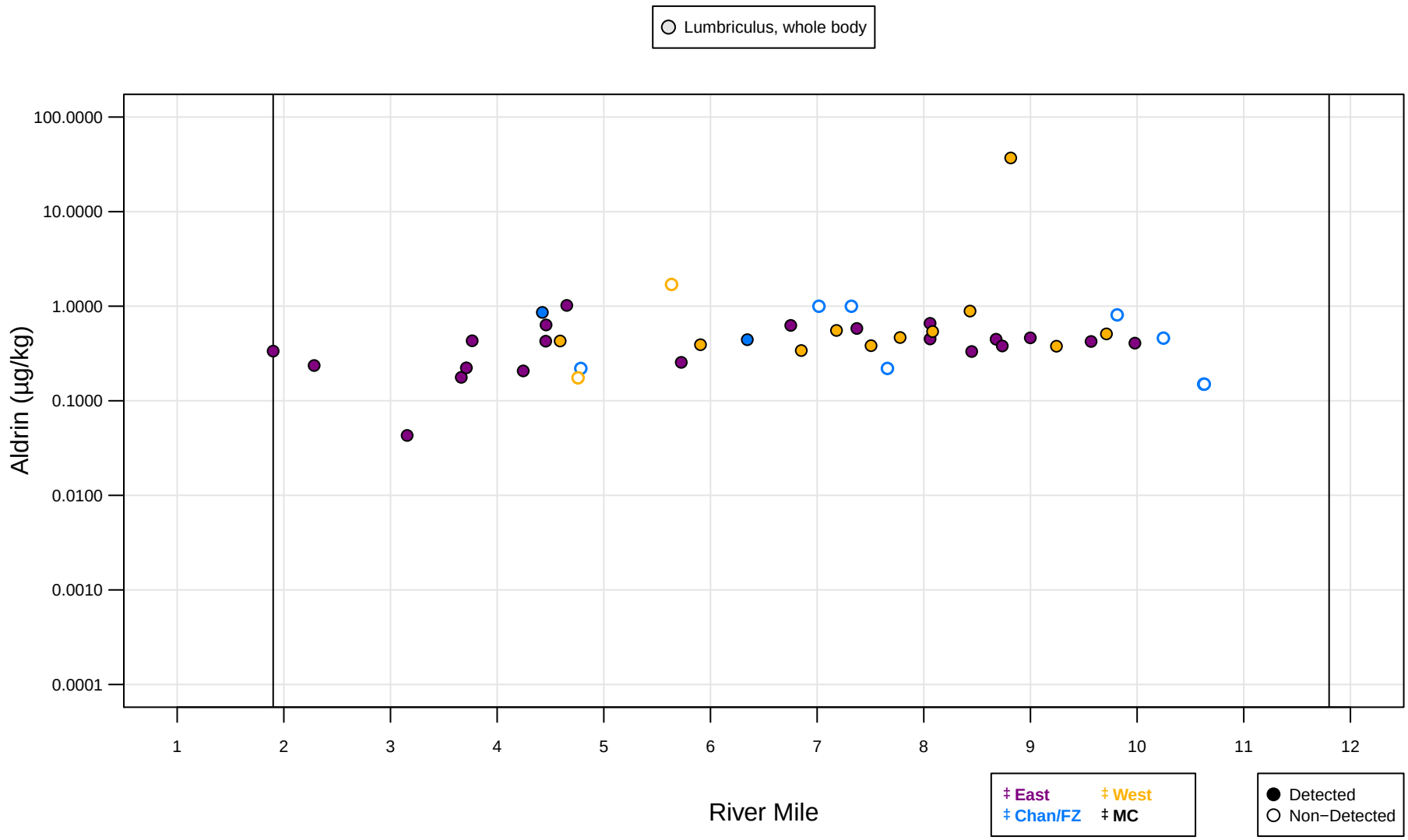


Figure 5.6−8e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Aldrin in
Tissue Samples by River Mile, RM 0.8−12.2

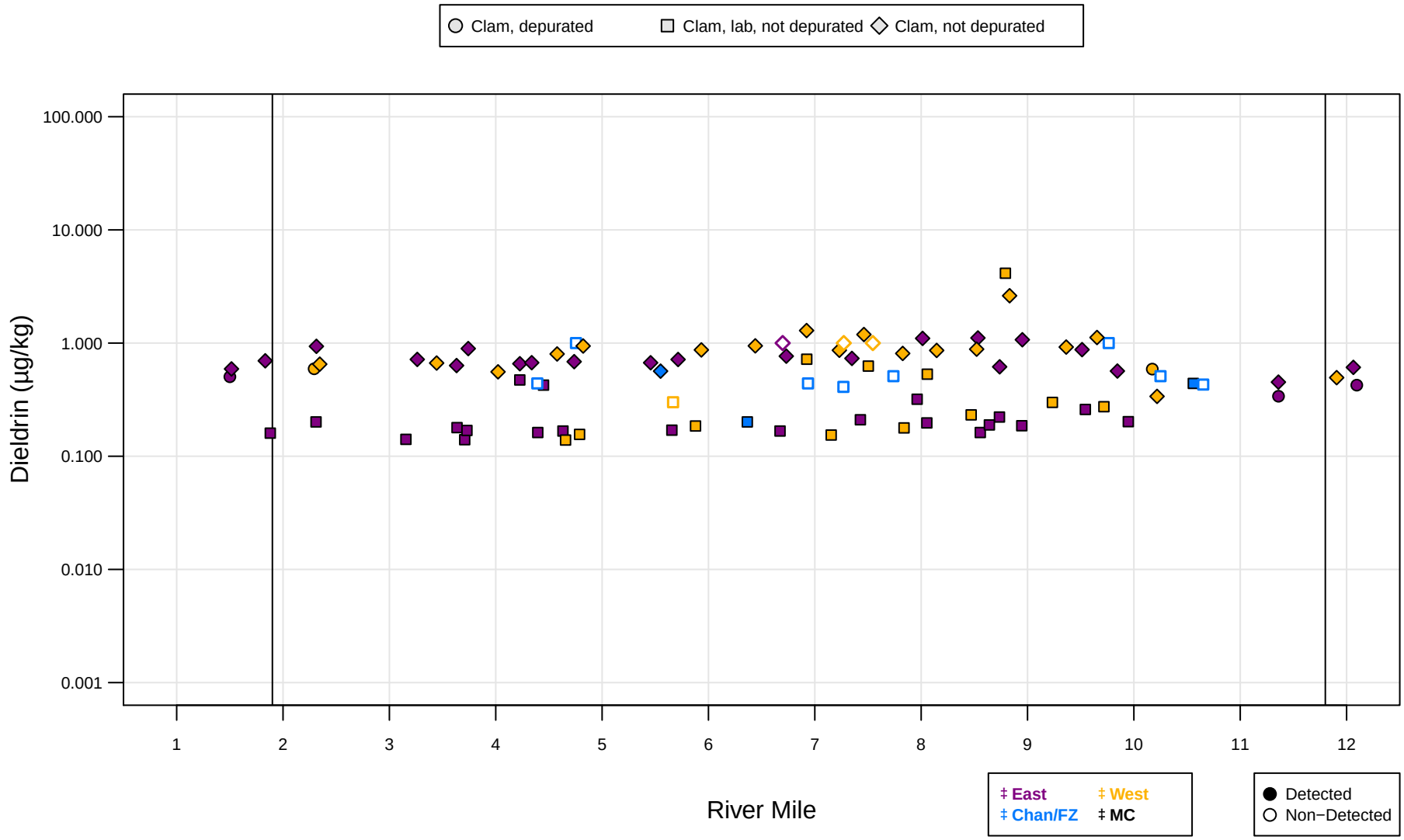


Figure 5.6−9a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin in
Tissue Samples by River Mile, RM 0.8−12.2

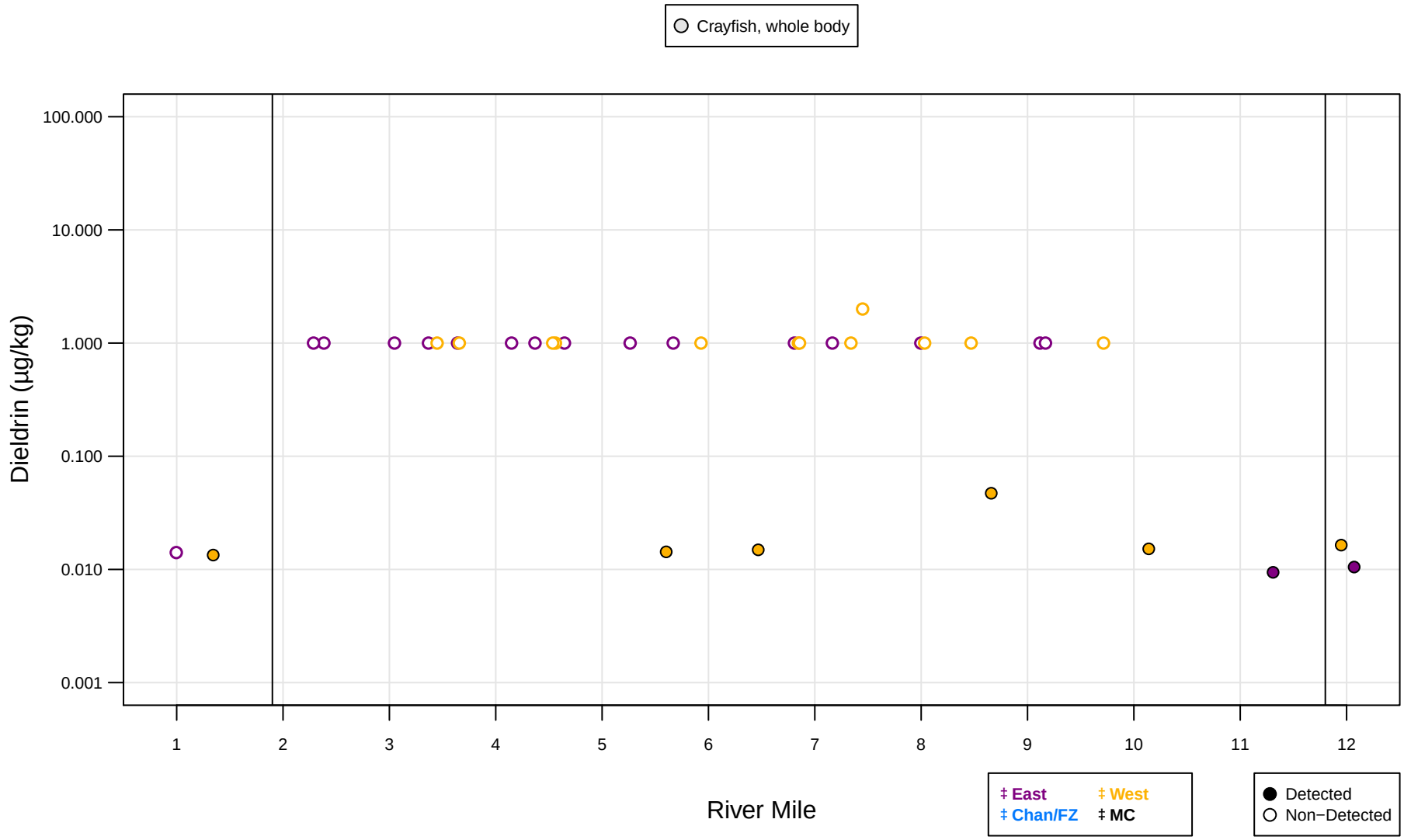


Figure 5.6−9b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin in
Tissue Samples by River Mile, RM 0.8−12.2

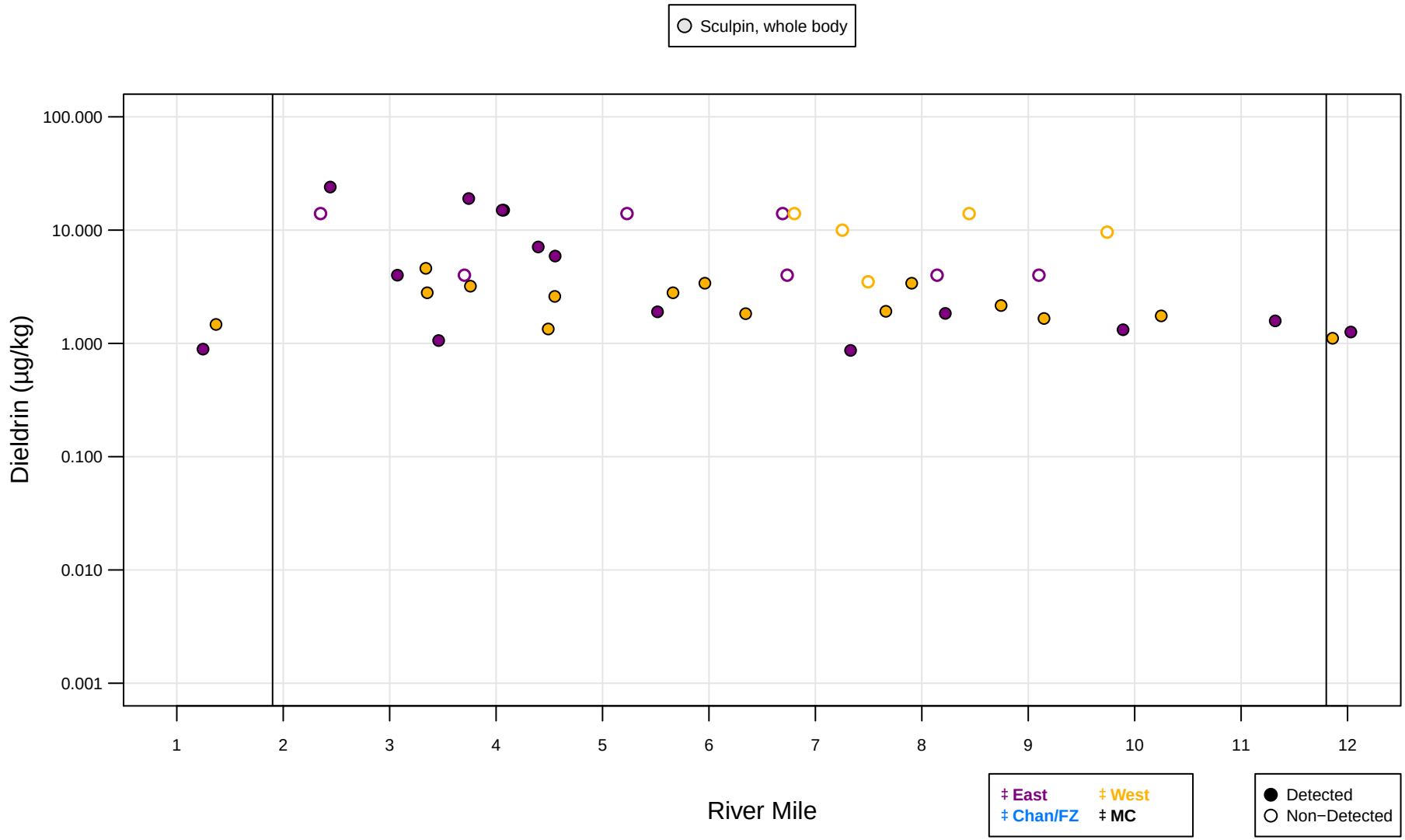


Figure 5.6−9c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin in
Tissue Samples by River Mile, RM 0.8−12.2

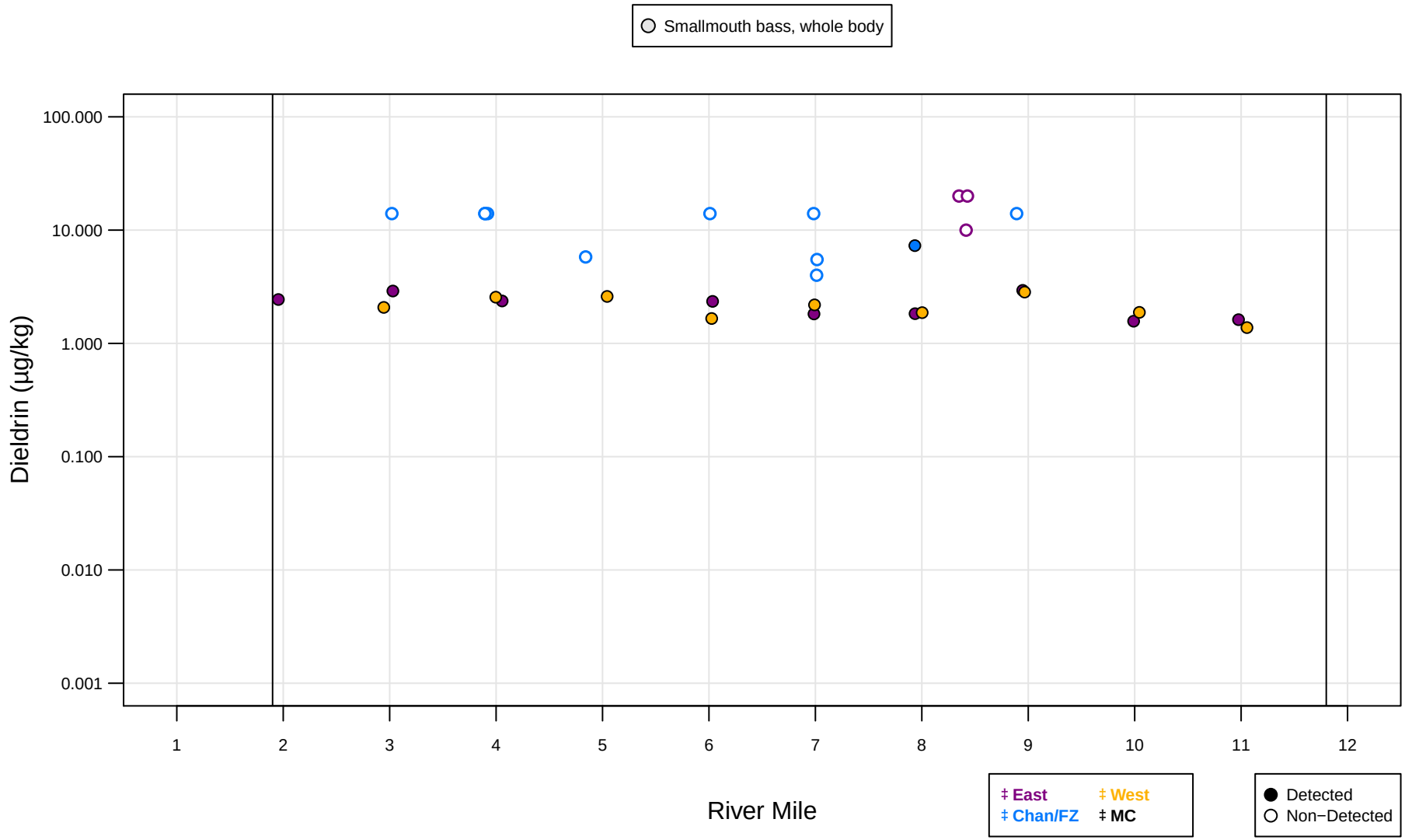


Figure 5.6−9d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin in
Tissue Samples by River Mile, RM 0.8−12.2

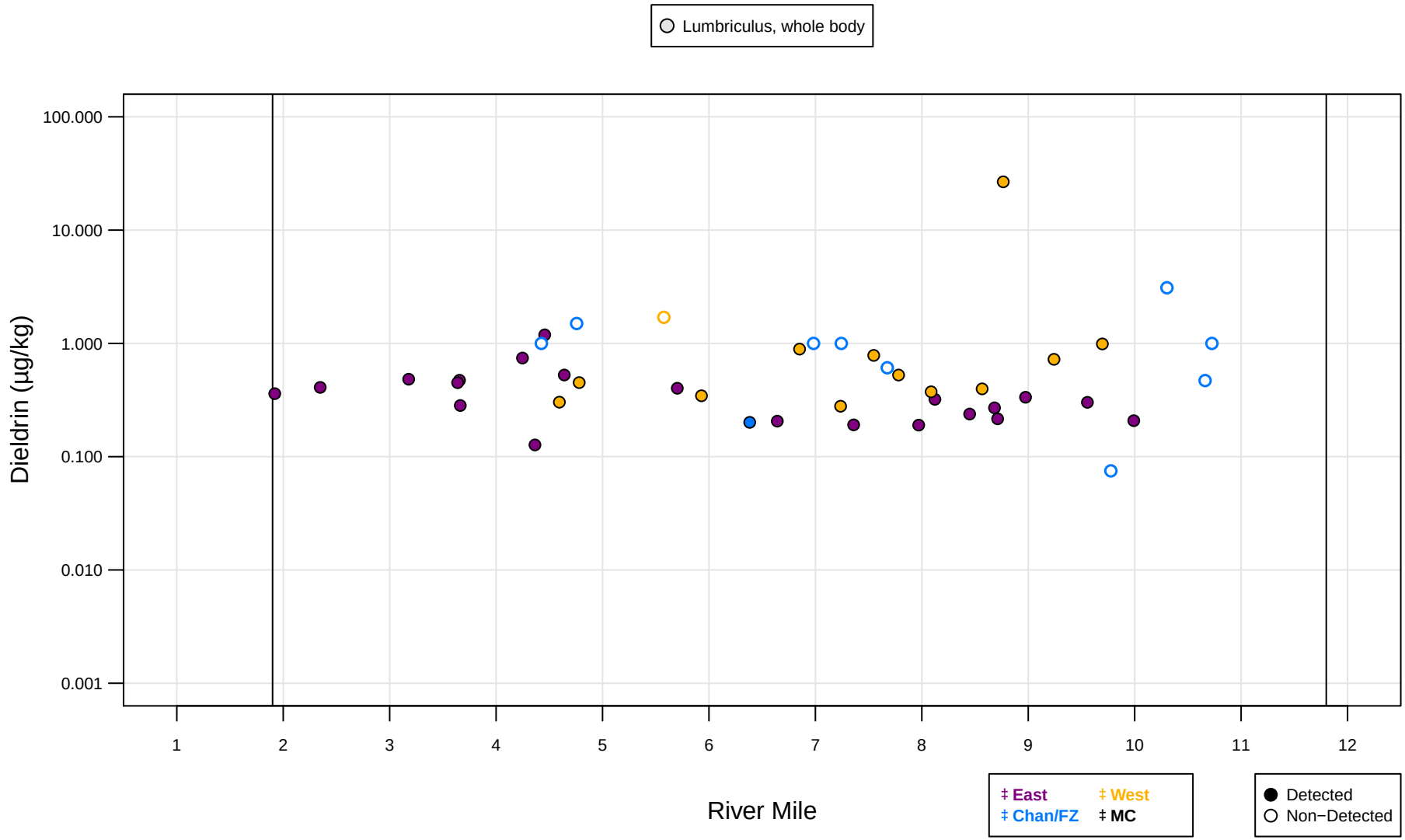


Figure 5.6−9e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Dieldrin in
Tissue Samples by River Mile, RM 0.8−12.2

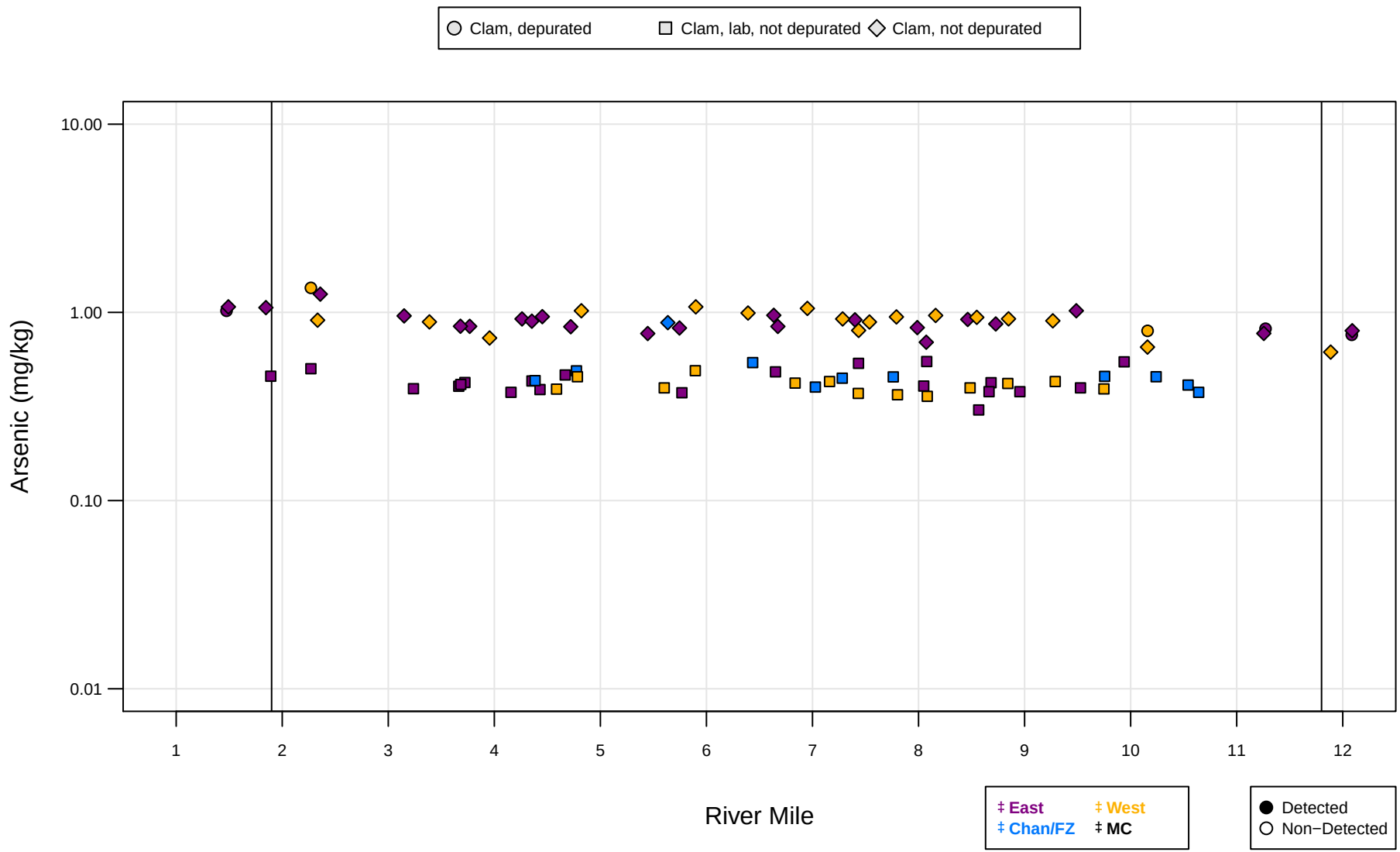


Figure 5.6−10a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic in
Tissue Samples by River Mile, RM 0.8−12.2

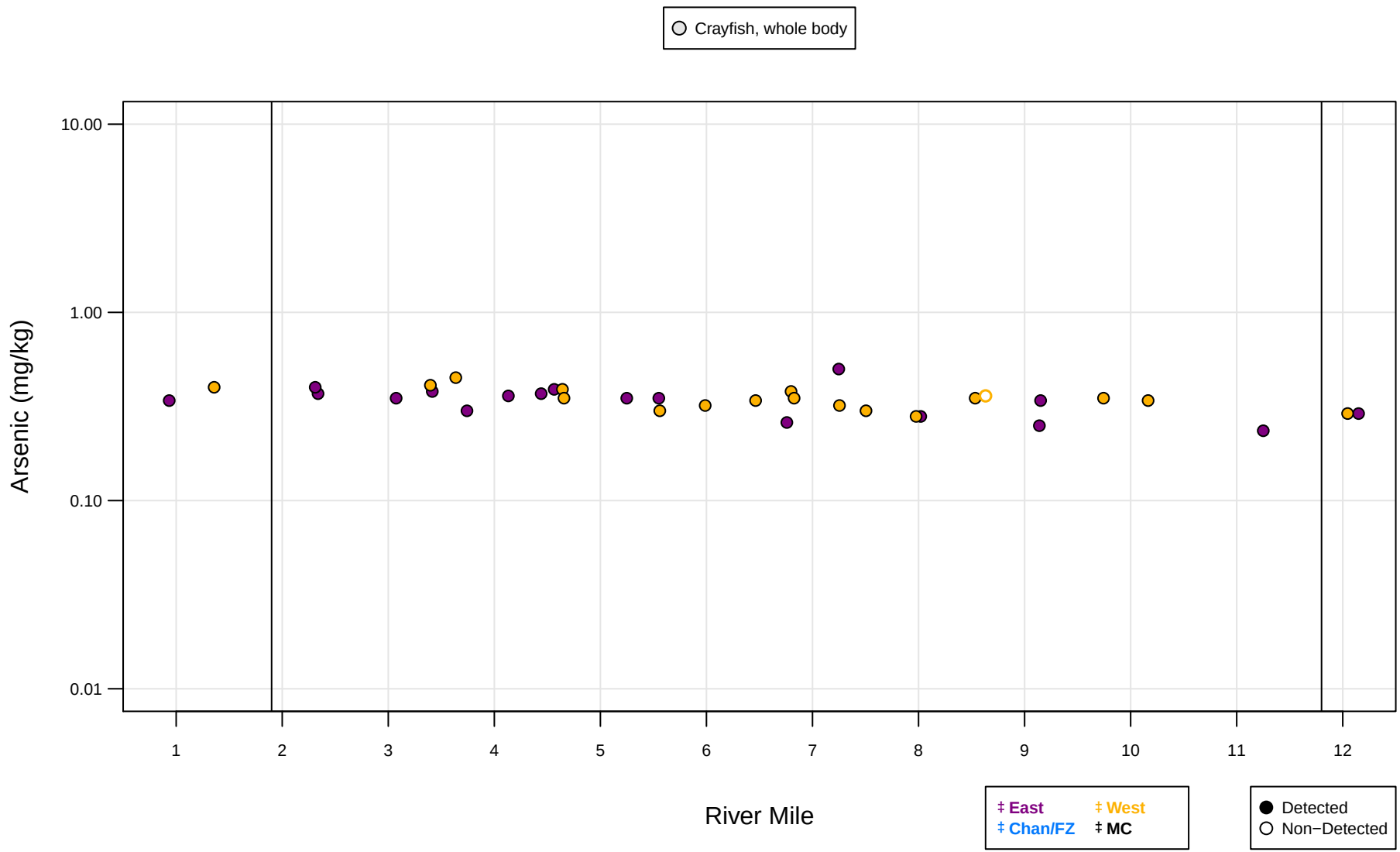


Figure 5.6−10b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic in
Tissue Samples by River Mile, RM 0.8−12.2

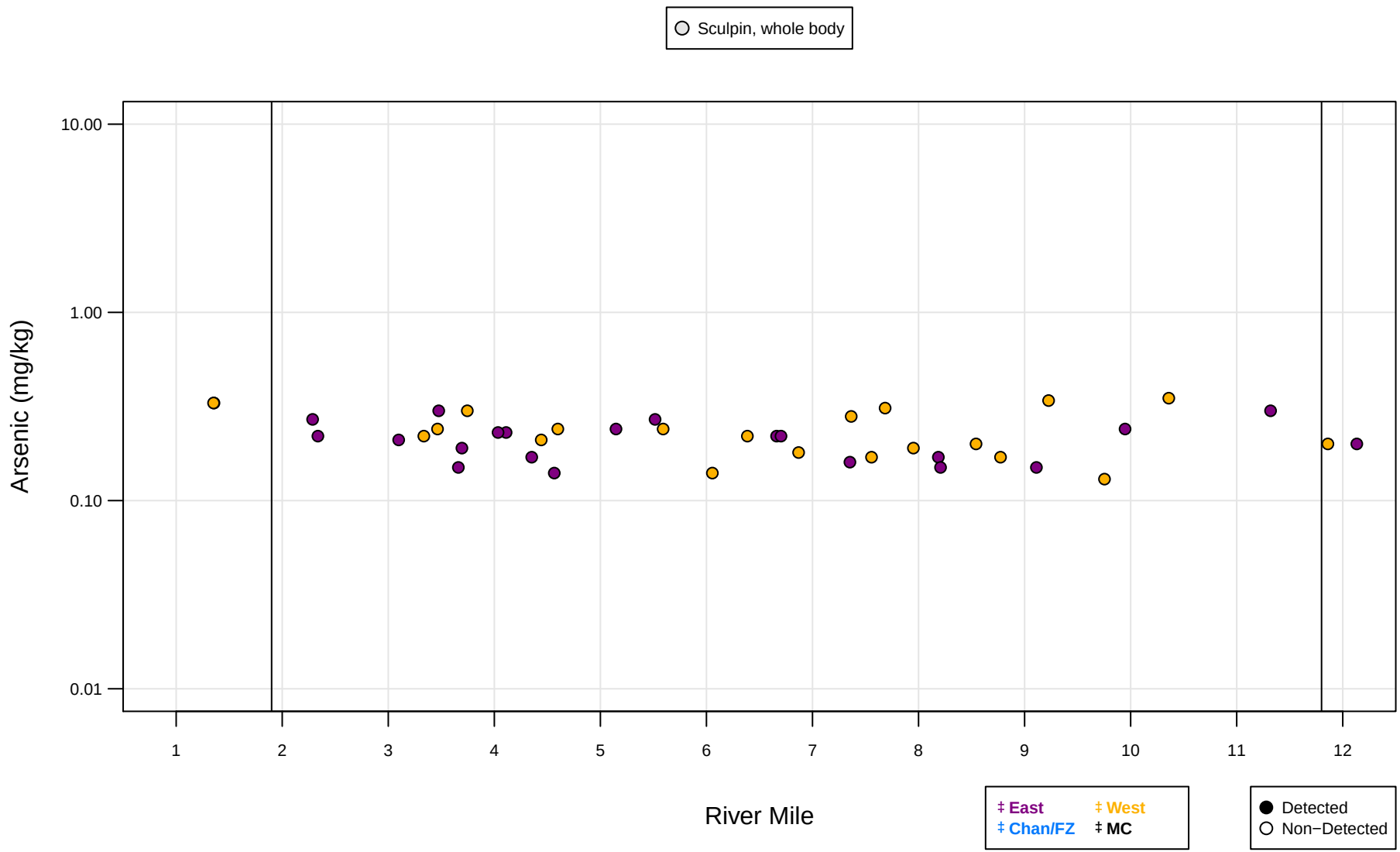


Figure 5.6−10c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic in
Tissue Samples by River Mile, RM 0.8−12.2

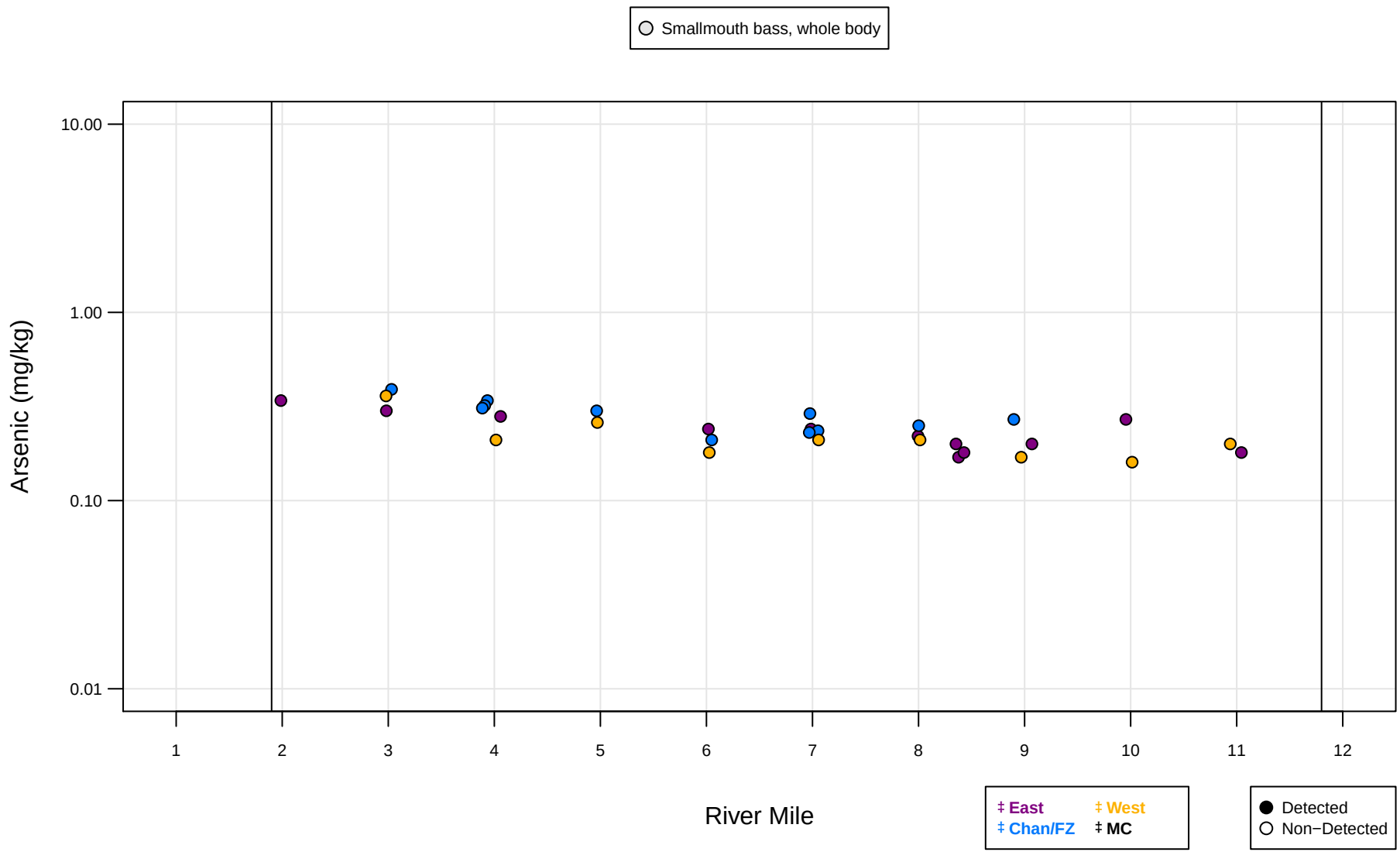


Figure 5.6−10d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic in
Tissue Samples by River Mile, RM 0.8−12.2

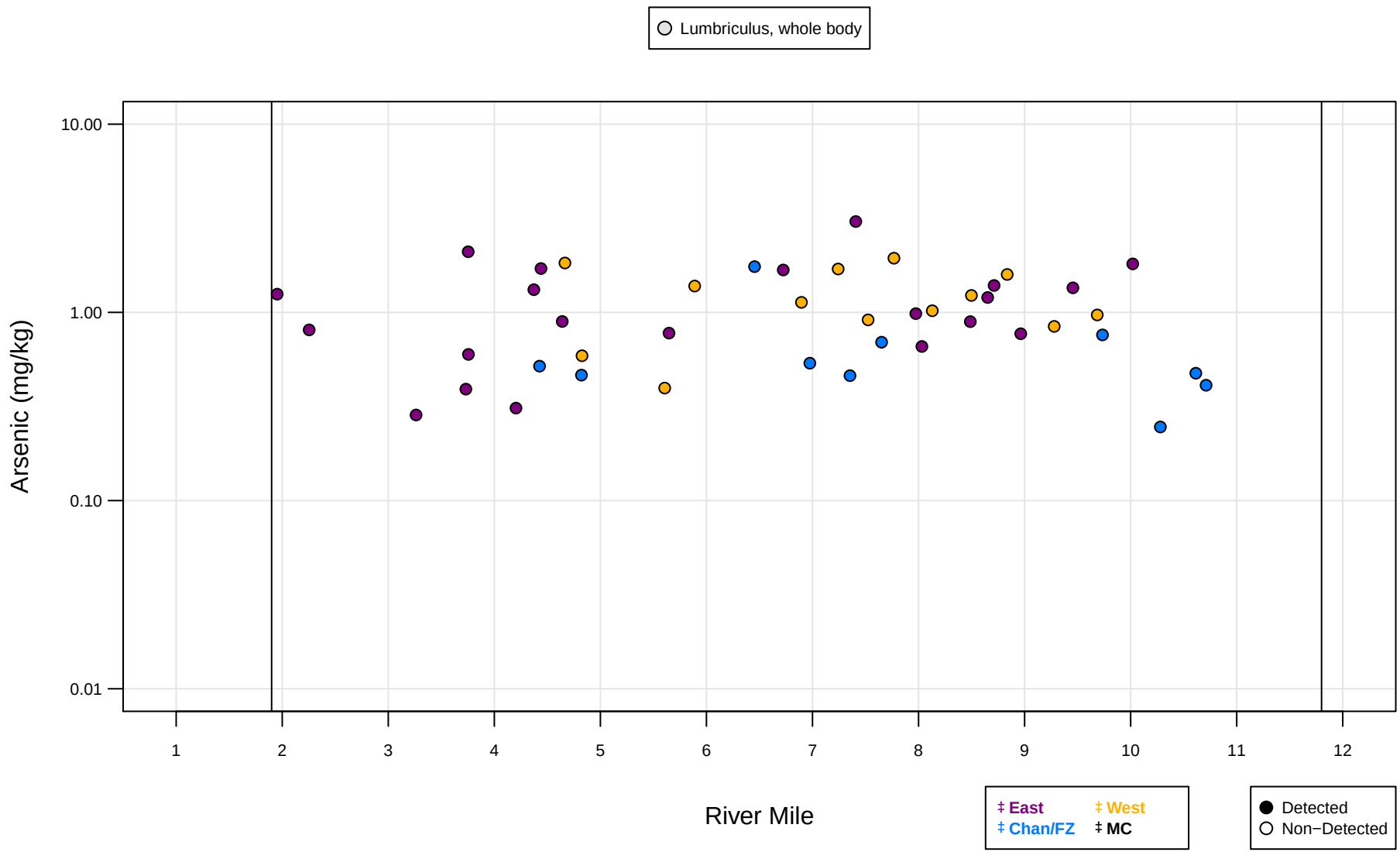


Figure 5.6−10e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Arsenic in
Tissue Samples by River Mile, RM 0.8−12.2

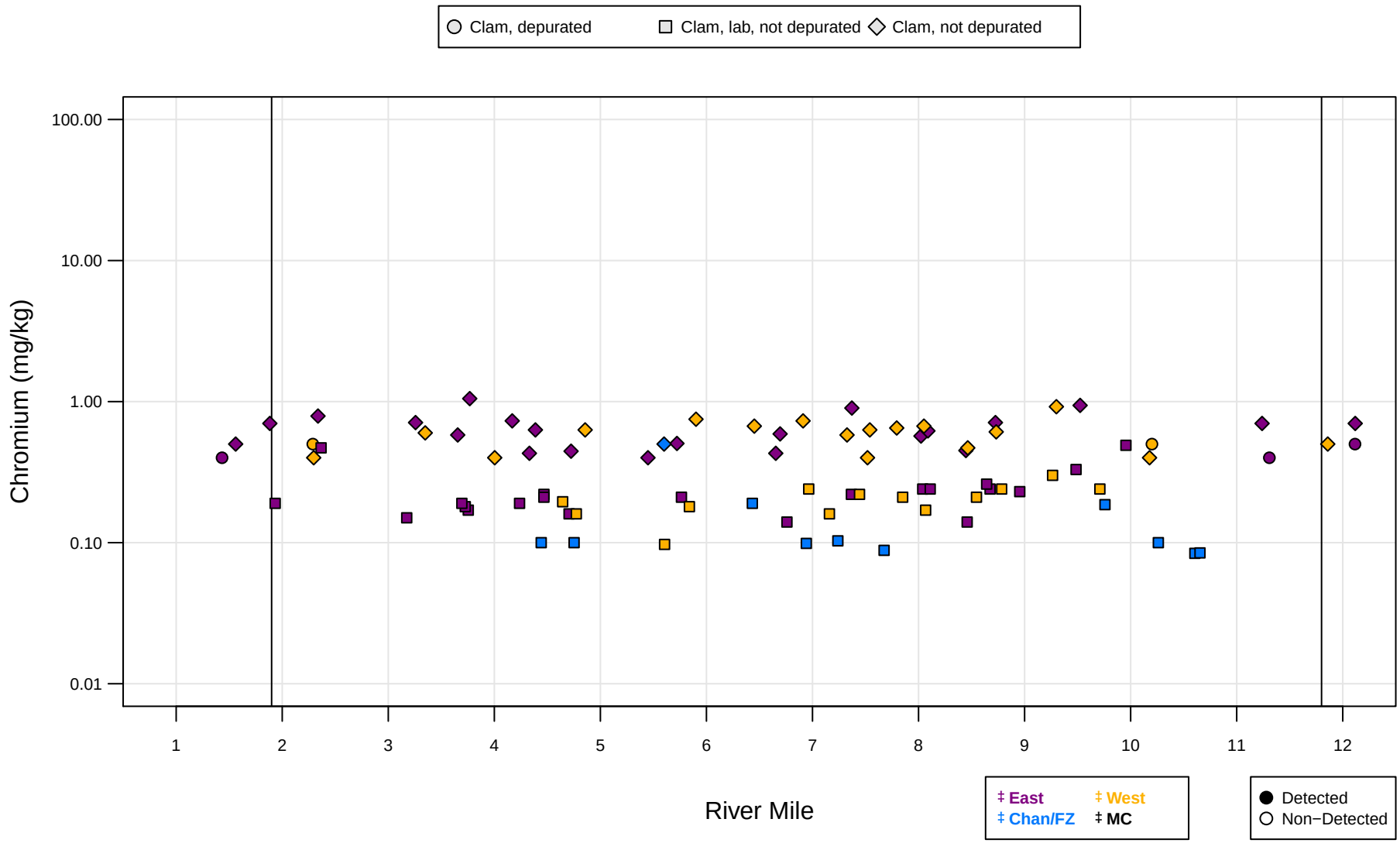


Figure 5.6−11a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium in
Tissue Samples by River Mile, RM 0.8−12.2

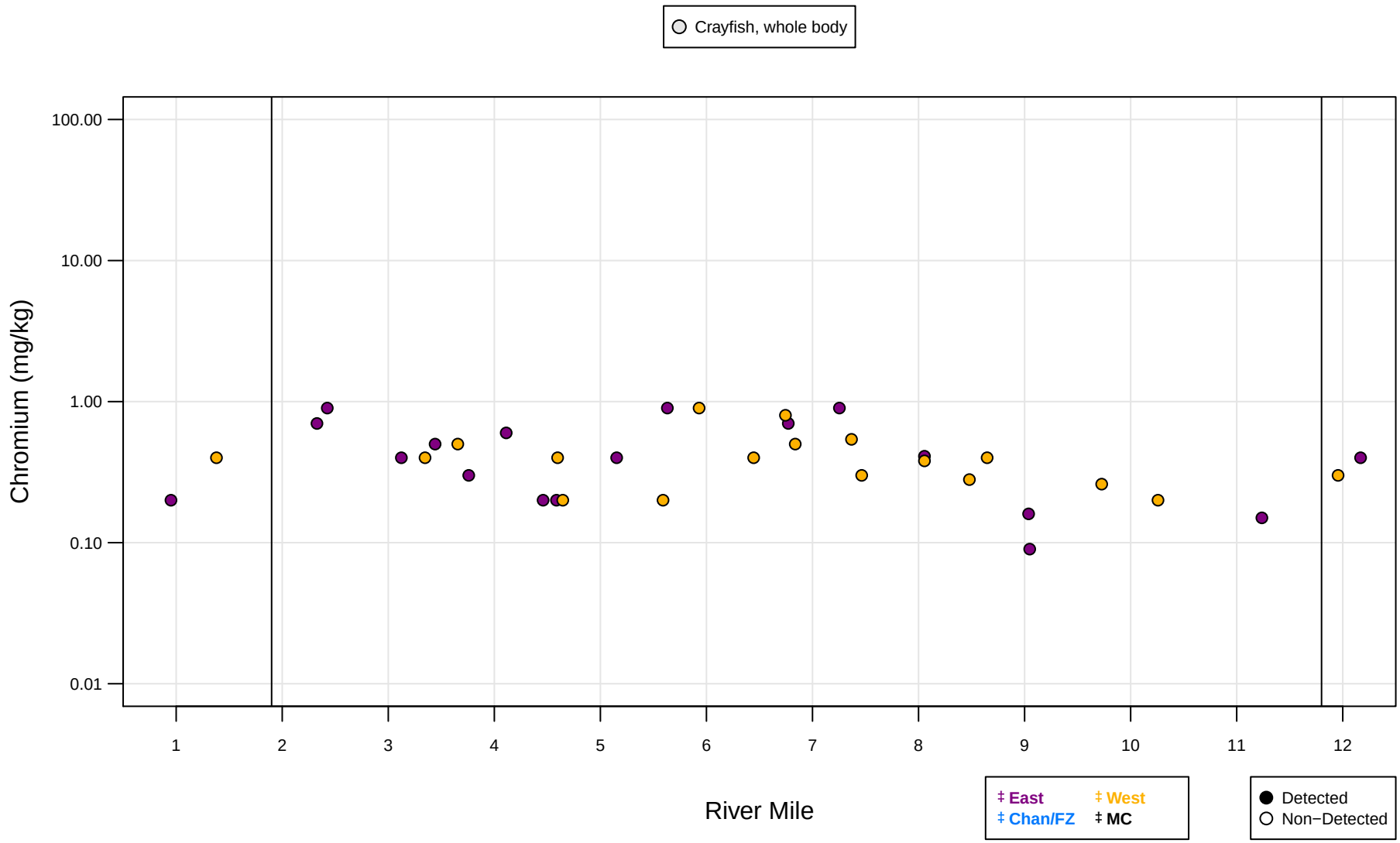


Figure 5.6−11b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium in
Tissue Samples by River Mile, RM 0.8−12.2

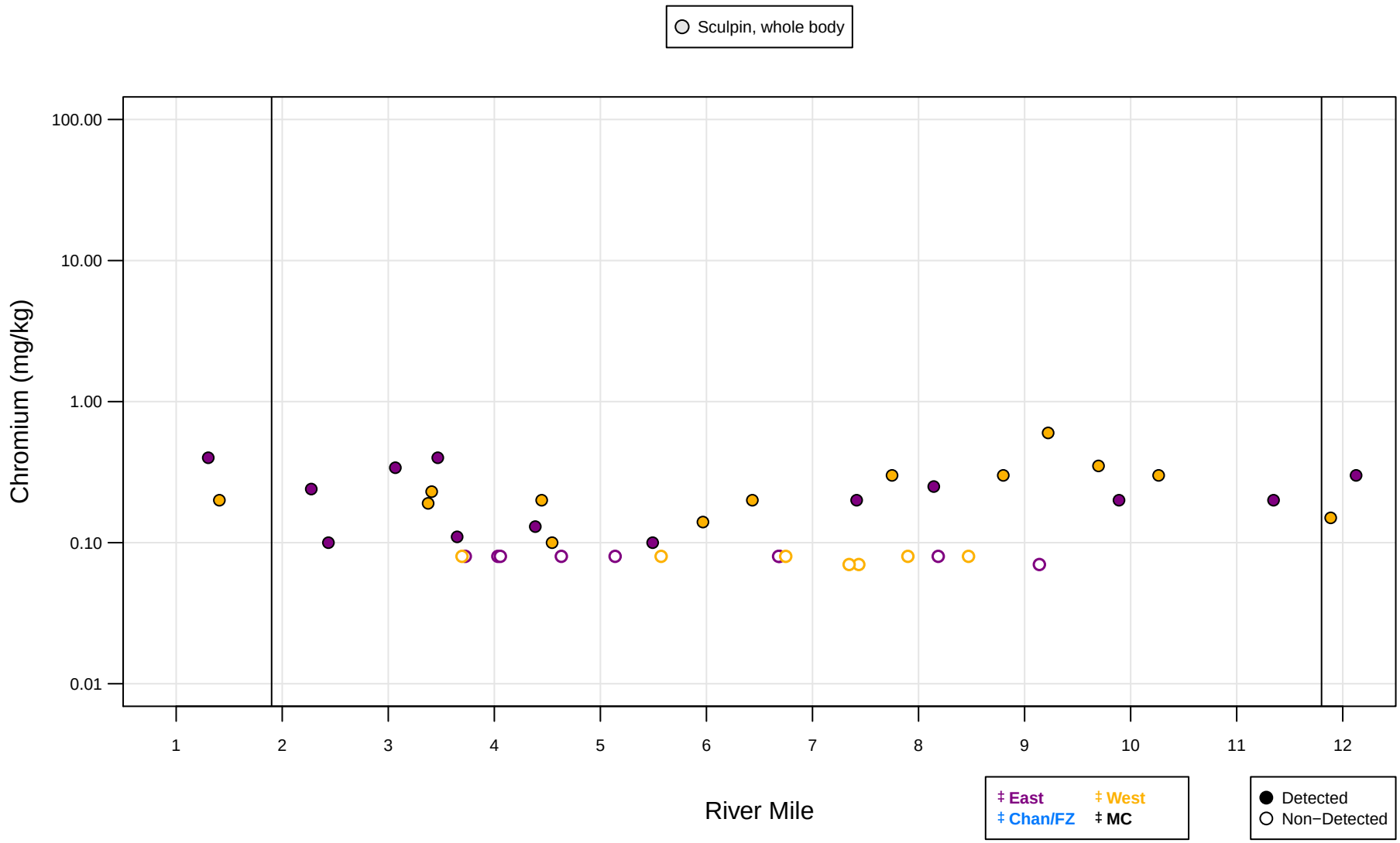


Figure 5.6−11c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium in
Tissue Samples by River Mile, RM 0.8−12.2

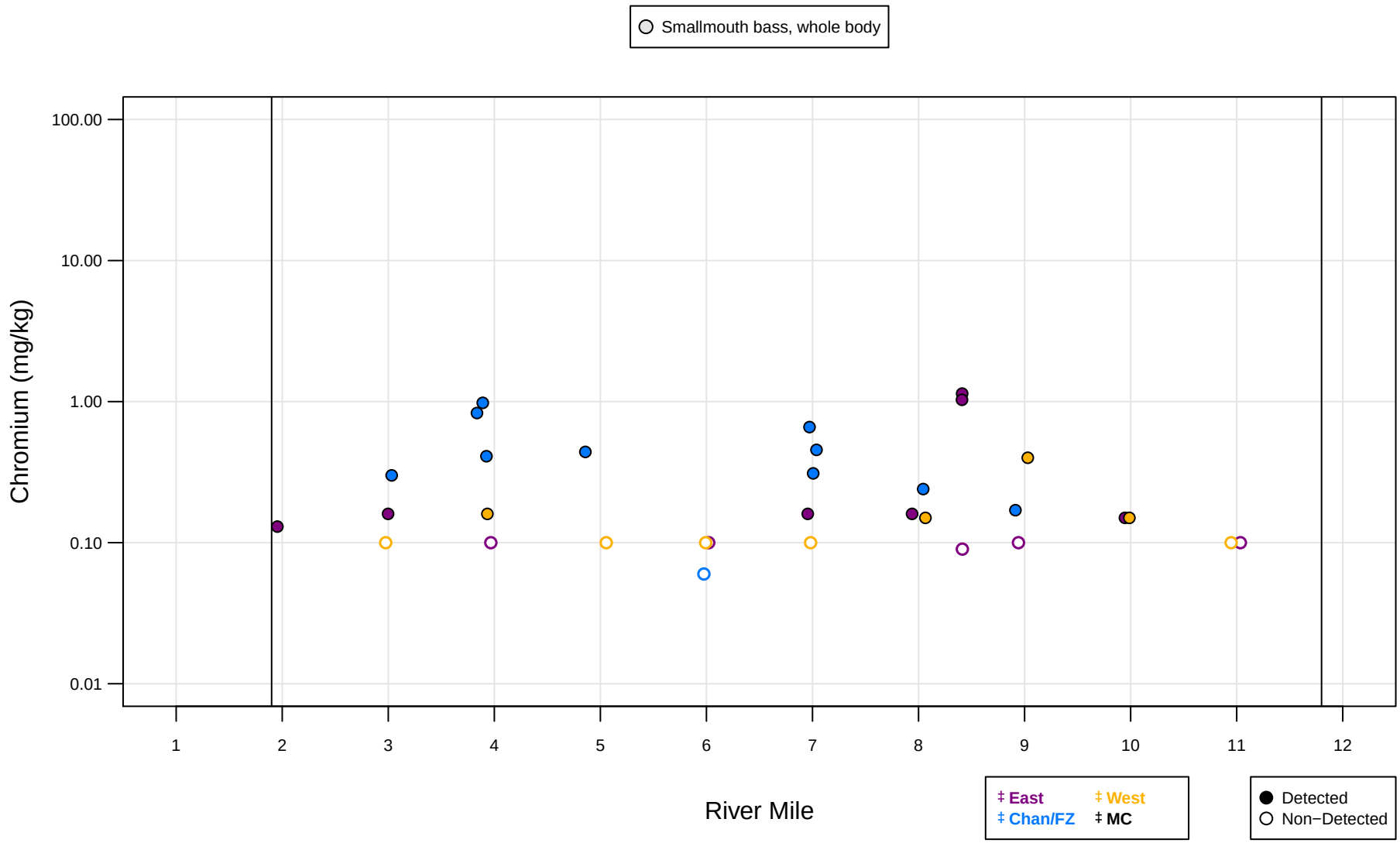


Figure 5.6−11d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium in
Tissue Samples by River Mile, RM 0.8−12.2

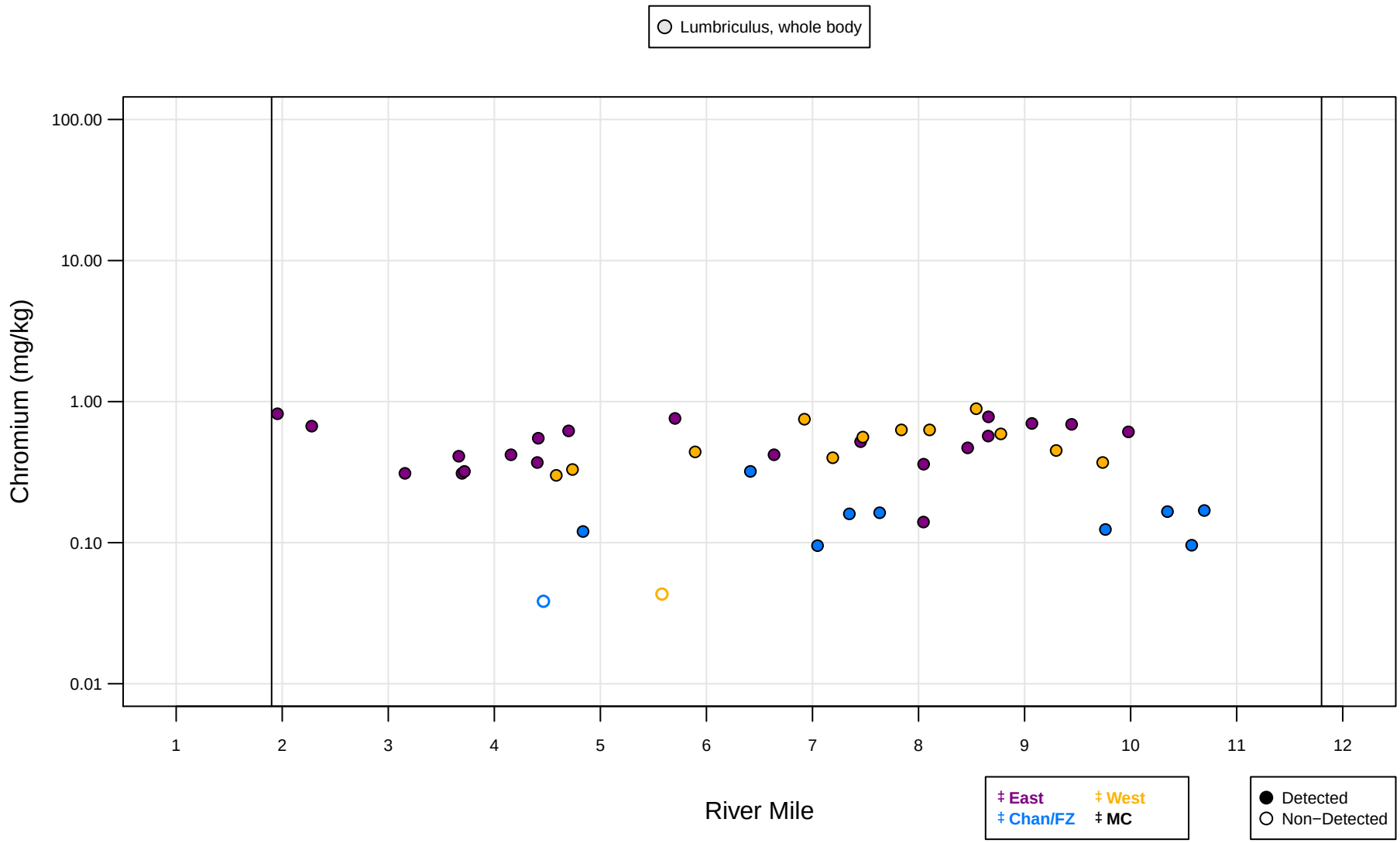


Figure 5.6−11e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Chromium in
Tissue Samples by River Mile, RM 0.8−12.2

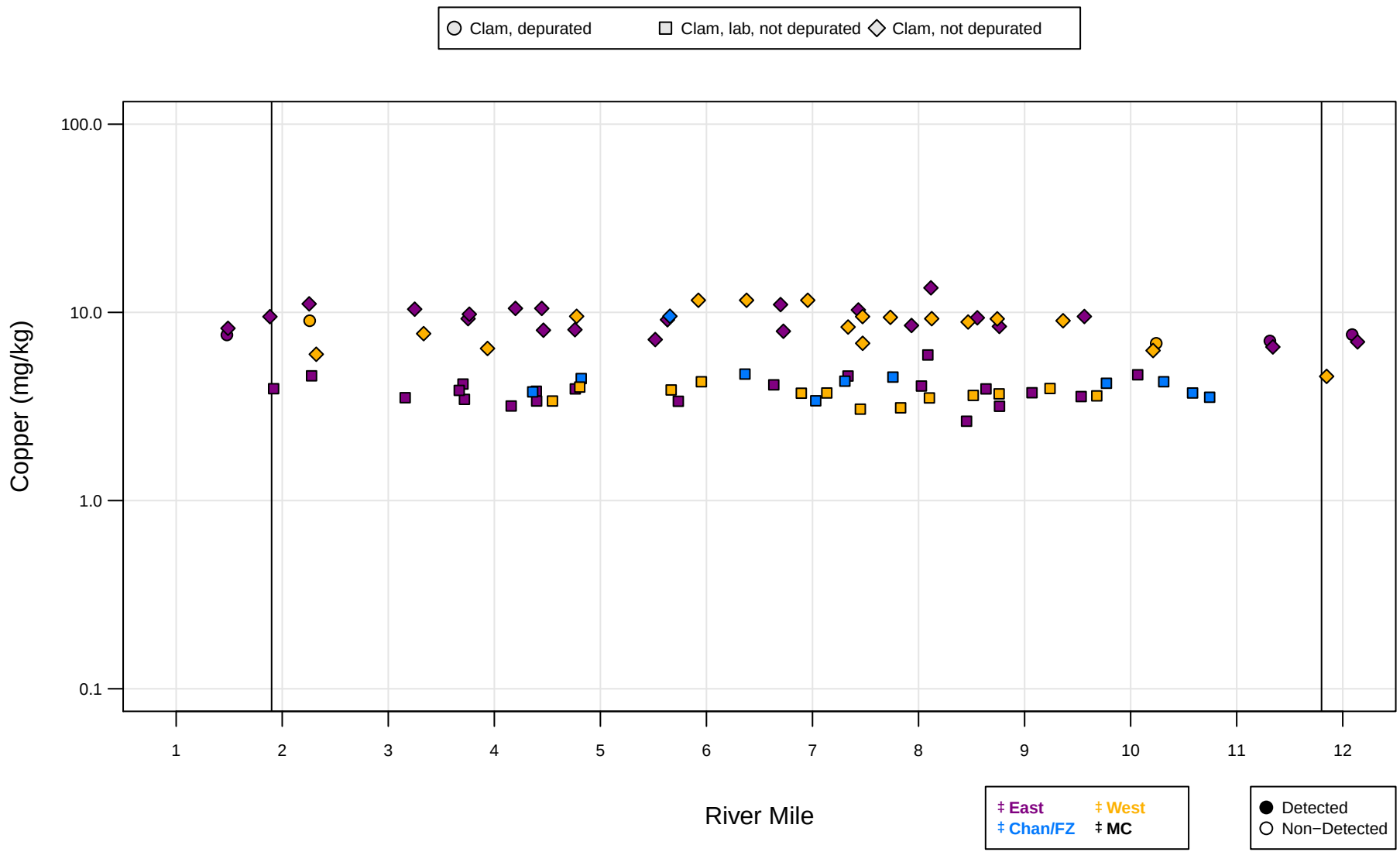


Figure 5.6−12a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper in
Tissue Samples by River Mile, RM 0.8−12.2

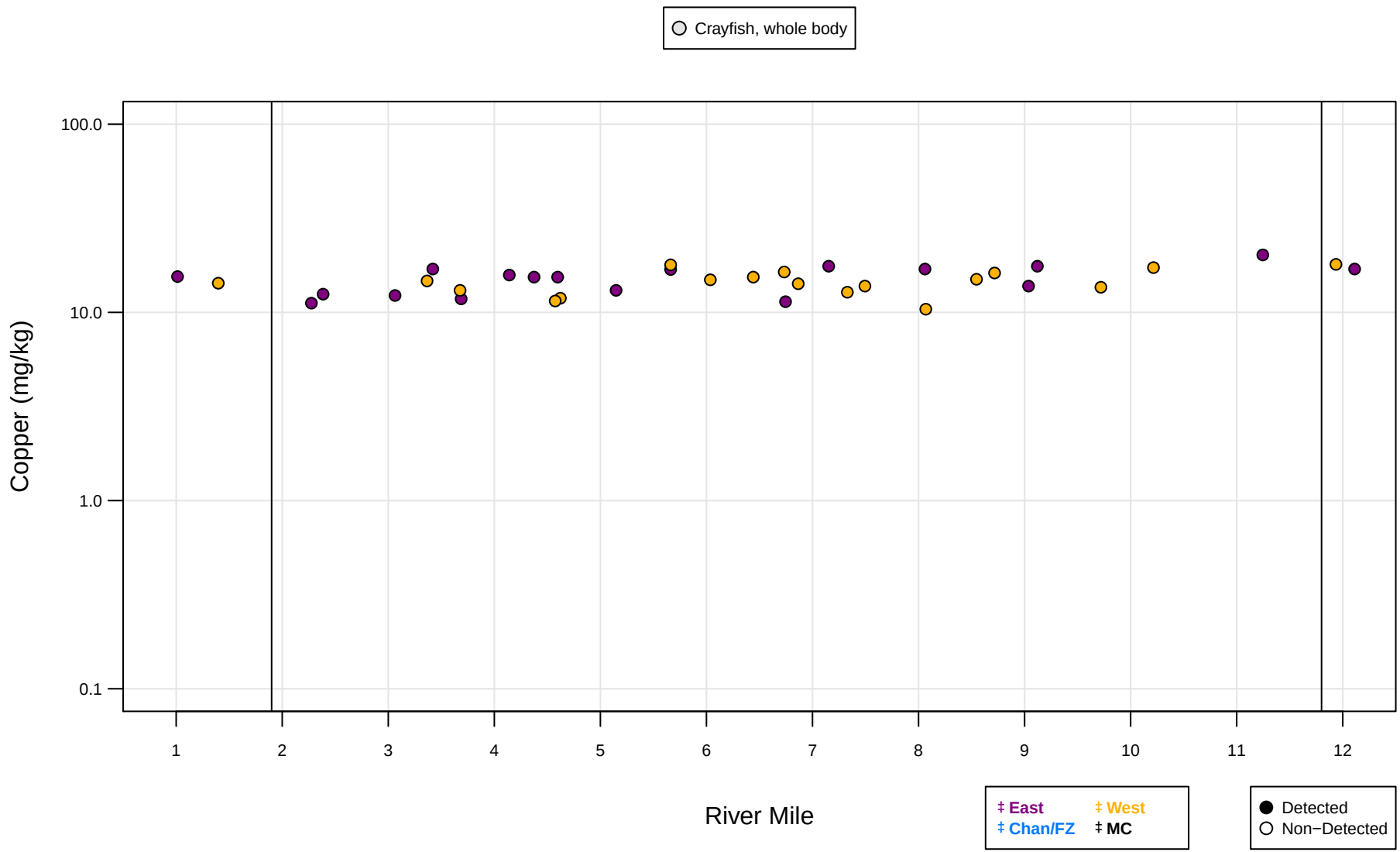


Figure 5.6−12b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper in
Tissue Samples by River Mile, RM 0.8−12.2

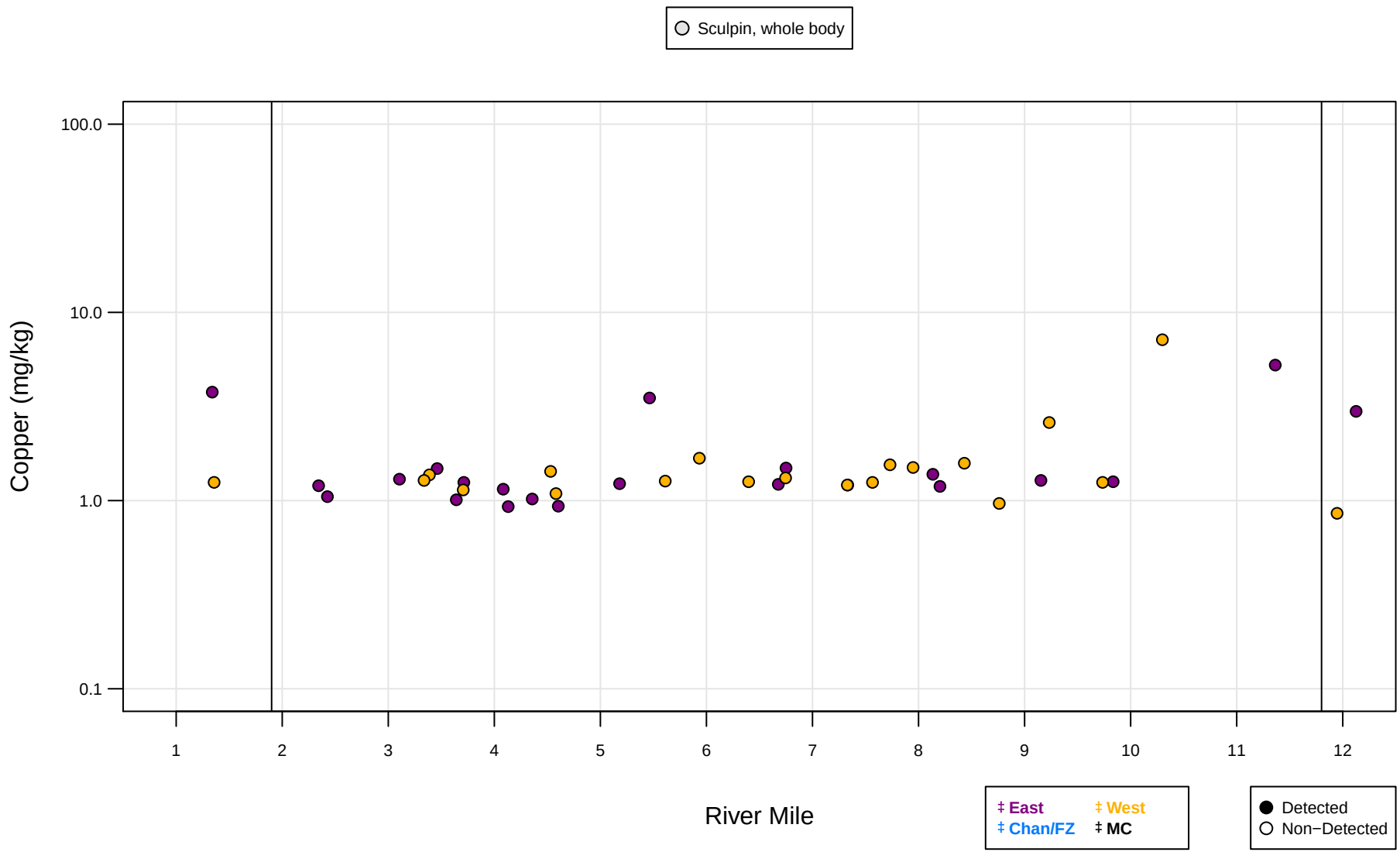


Figure 5.6−12c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper in
Tissue Samples by River Mile, RM 0.8−12.2

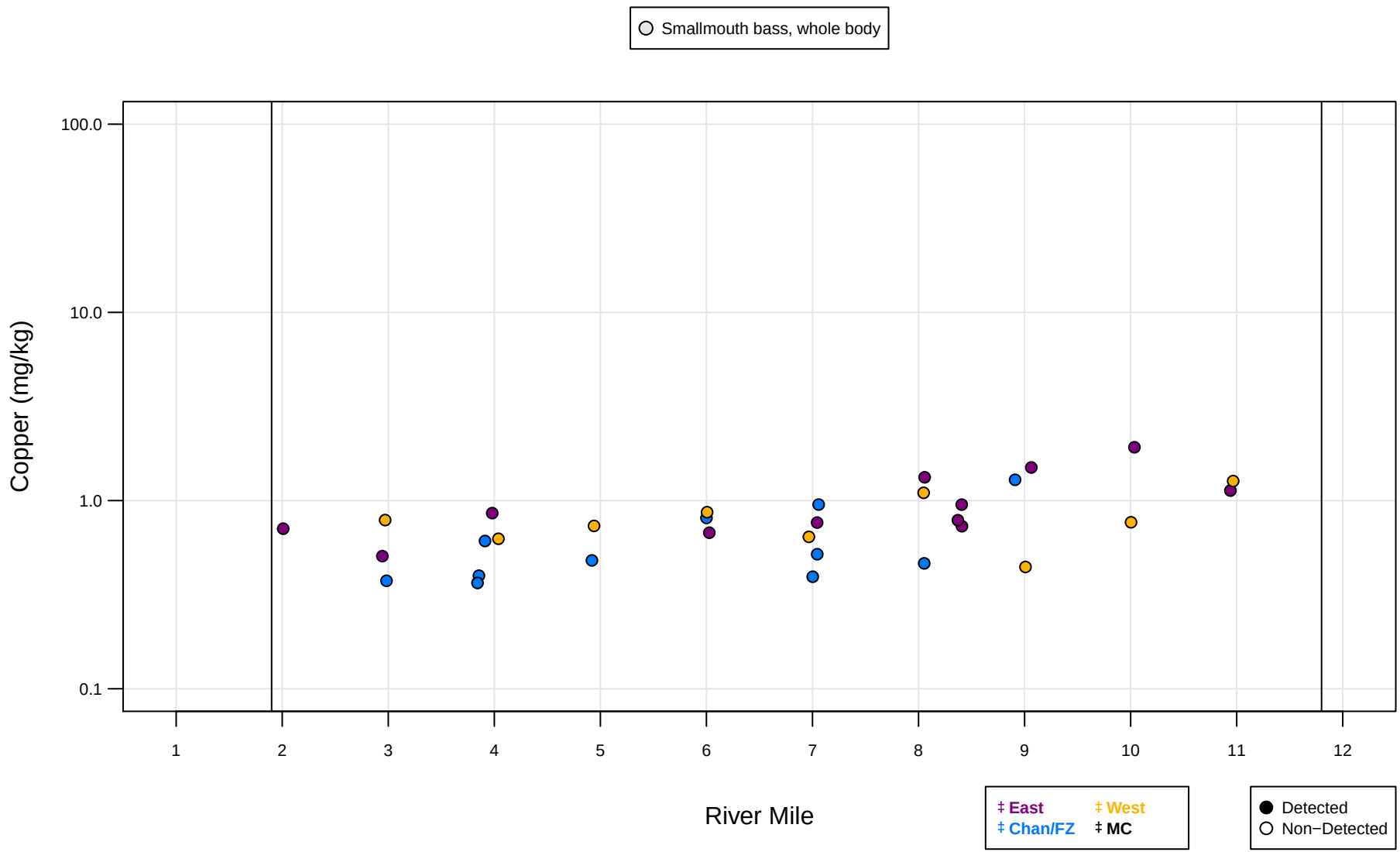


Figure 5.6−12d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper in
Tissue Samples by River Mile, RM 0.8−12.2

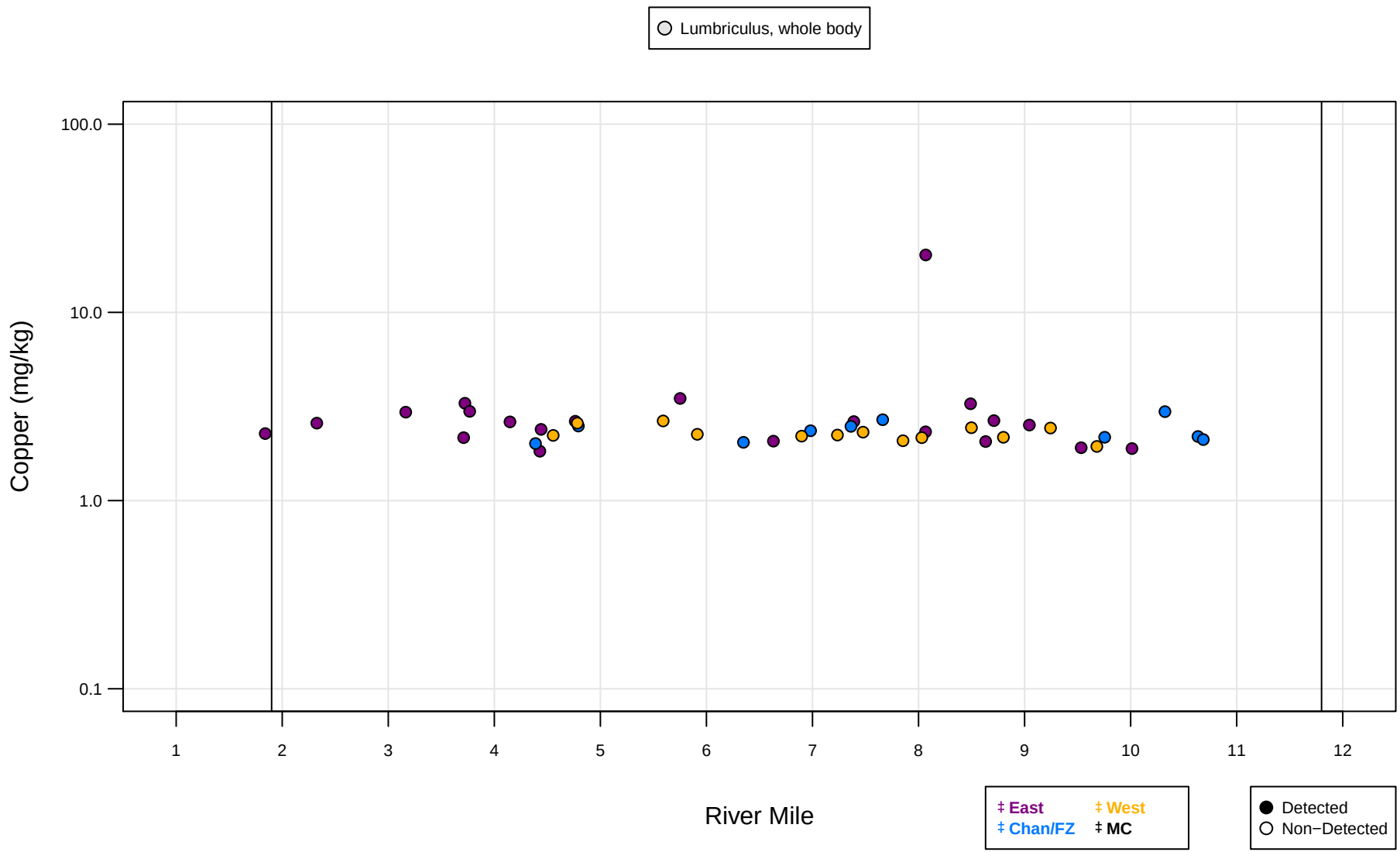


Figure 5.6−12e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Copper in
Tissue Samples by River Mile, RM 0.8−12.2

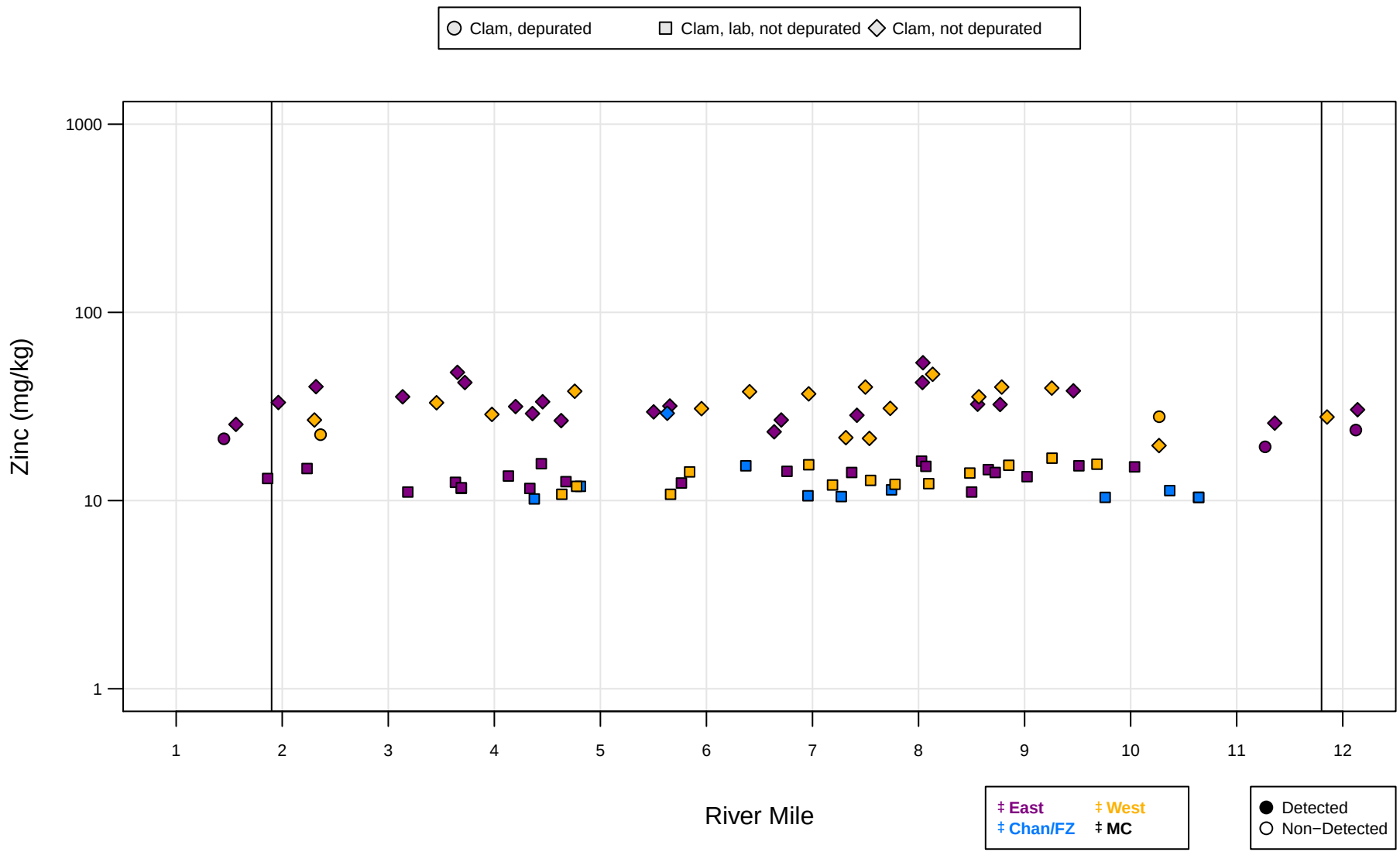


Figure 5.6−13a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc in
Tissue Samples by River Mile, RM 0.8−12.2

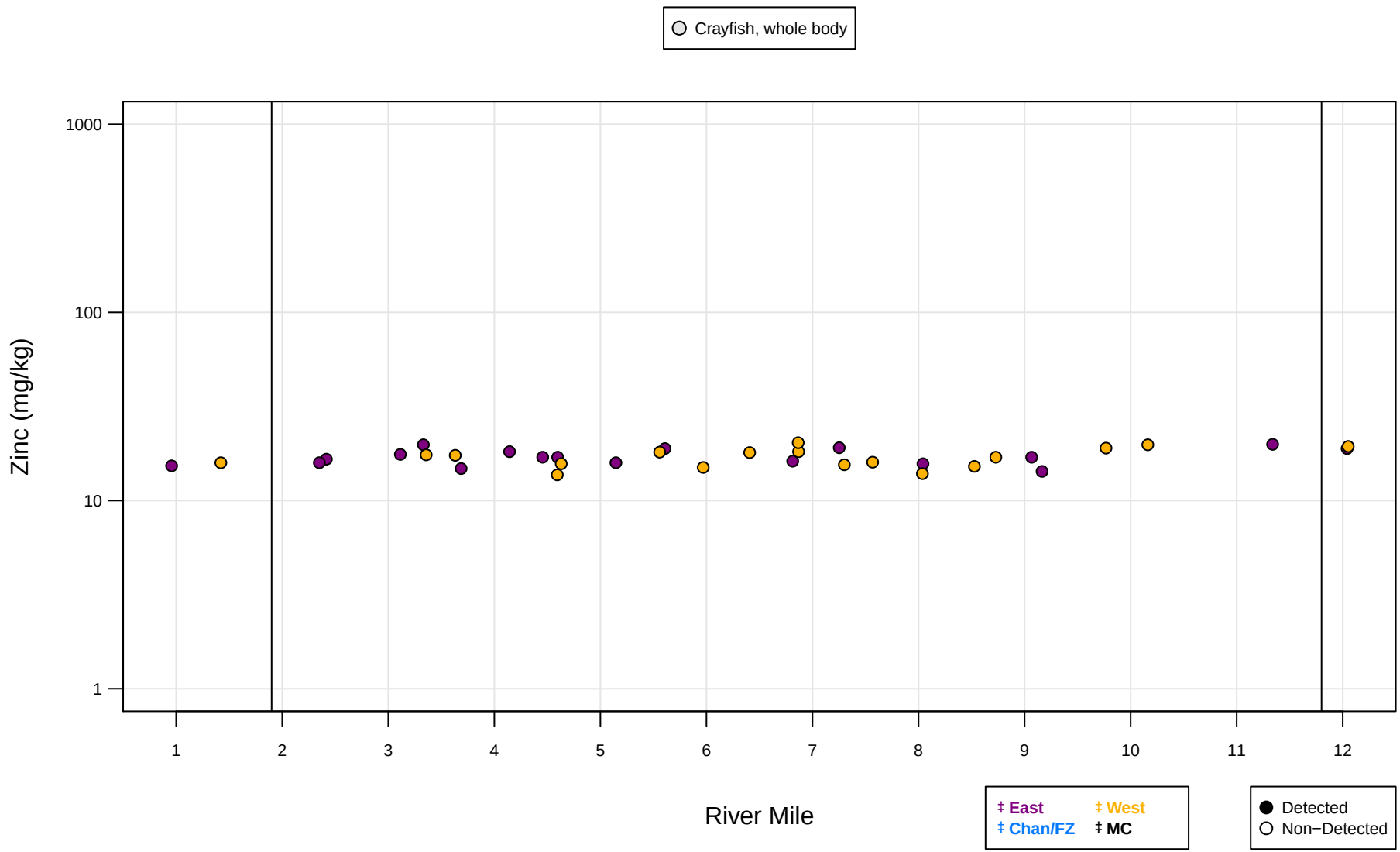


Figure 5.6−13b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc in
Tissue Samples by River Mile, RM 0.8−12.2

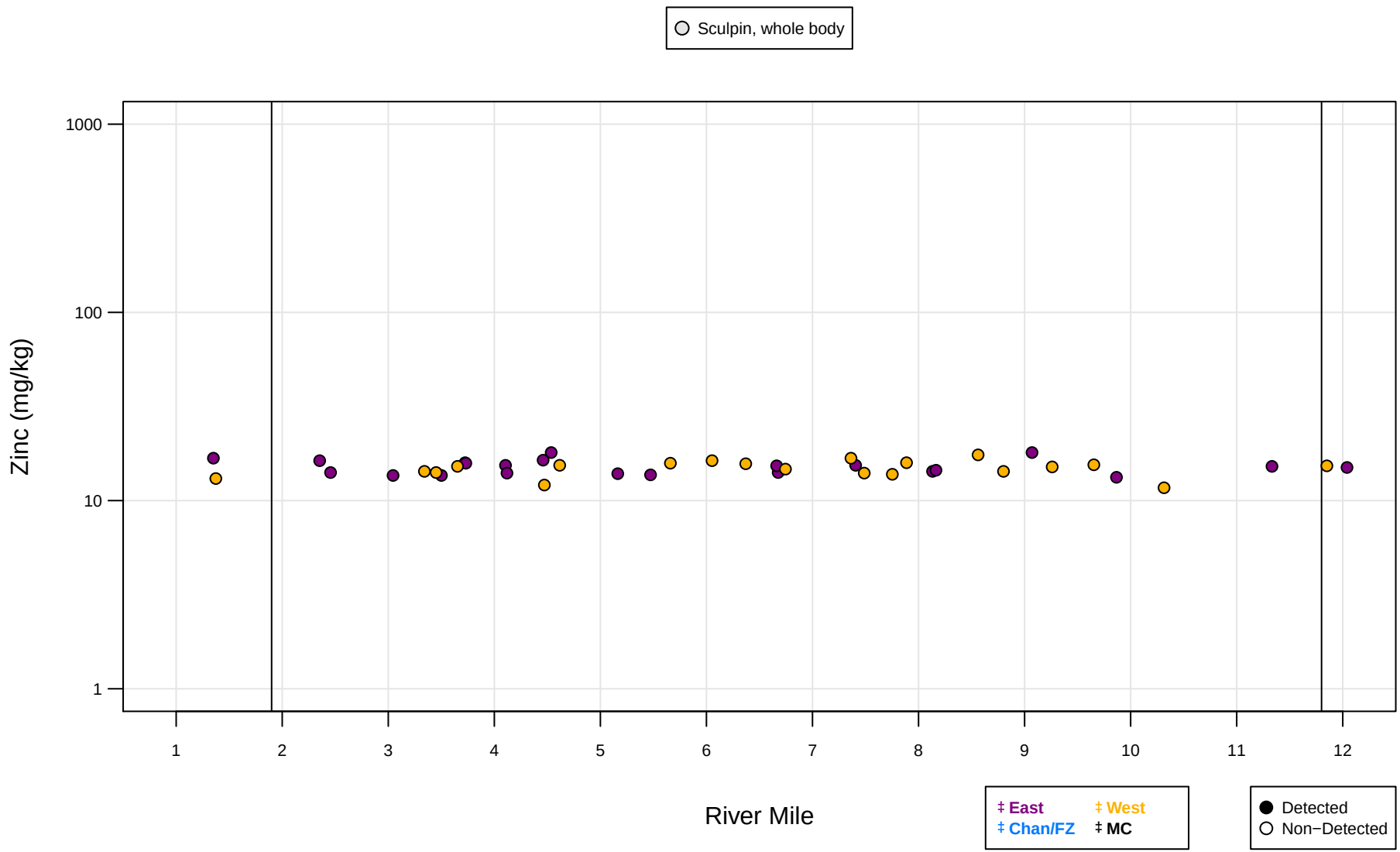


Figure 5.6−13c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc in
Tissue Samples by River Mile, RM 0.8−12.2

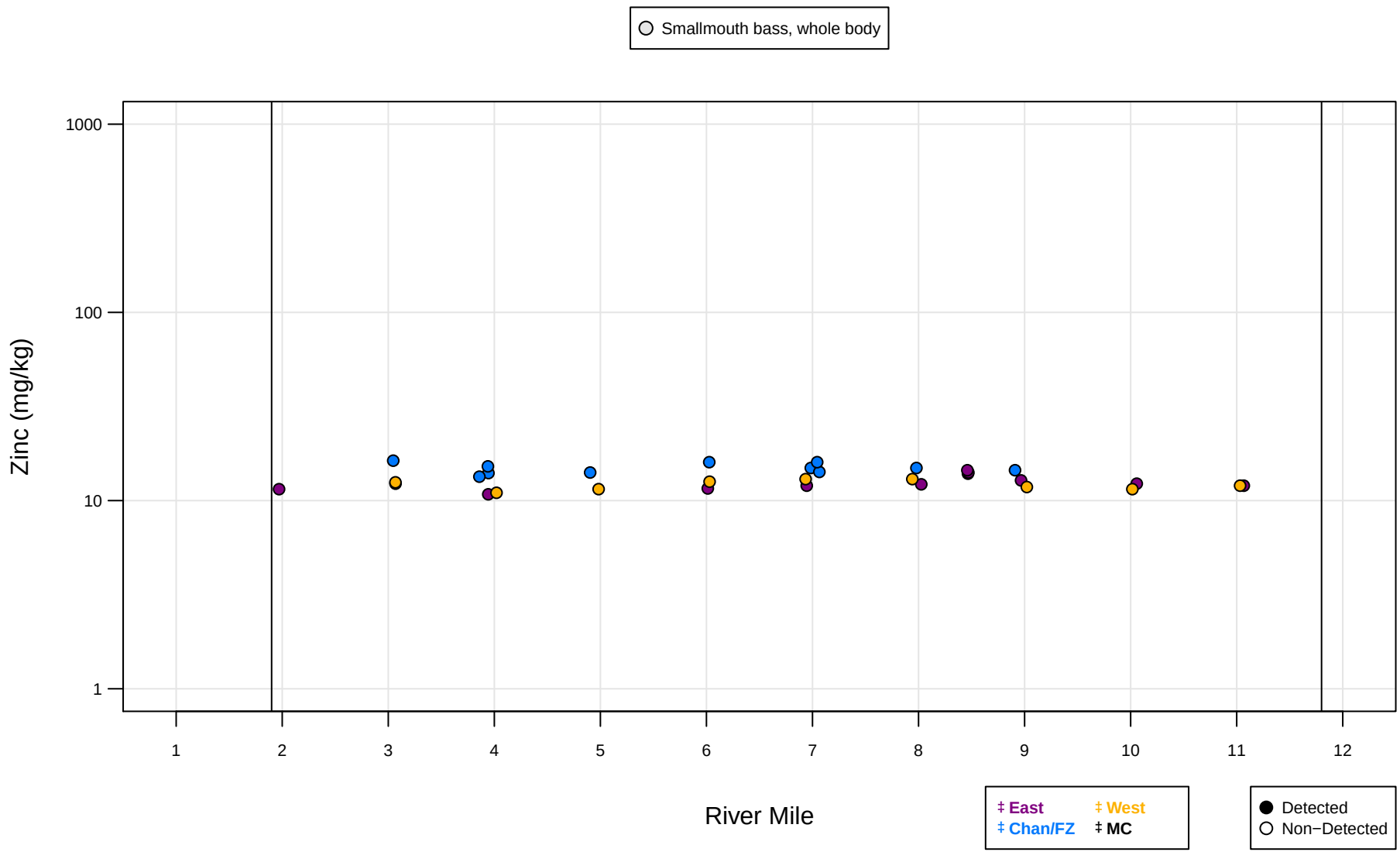


Figure 5.6−13d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc in
Tissue Samples by River Mile, RM 0.8−12.2

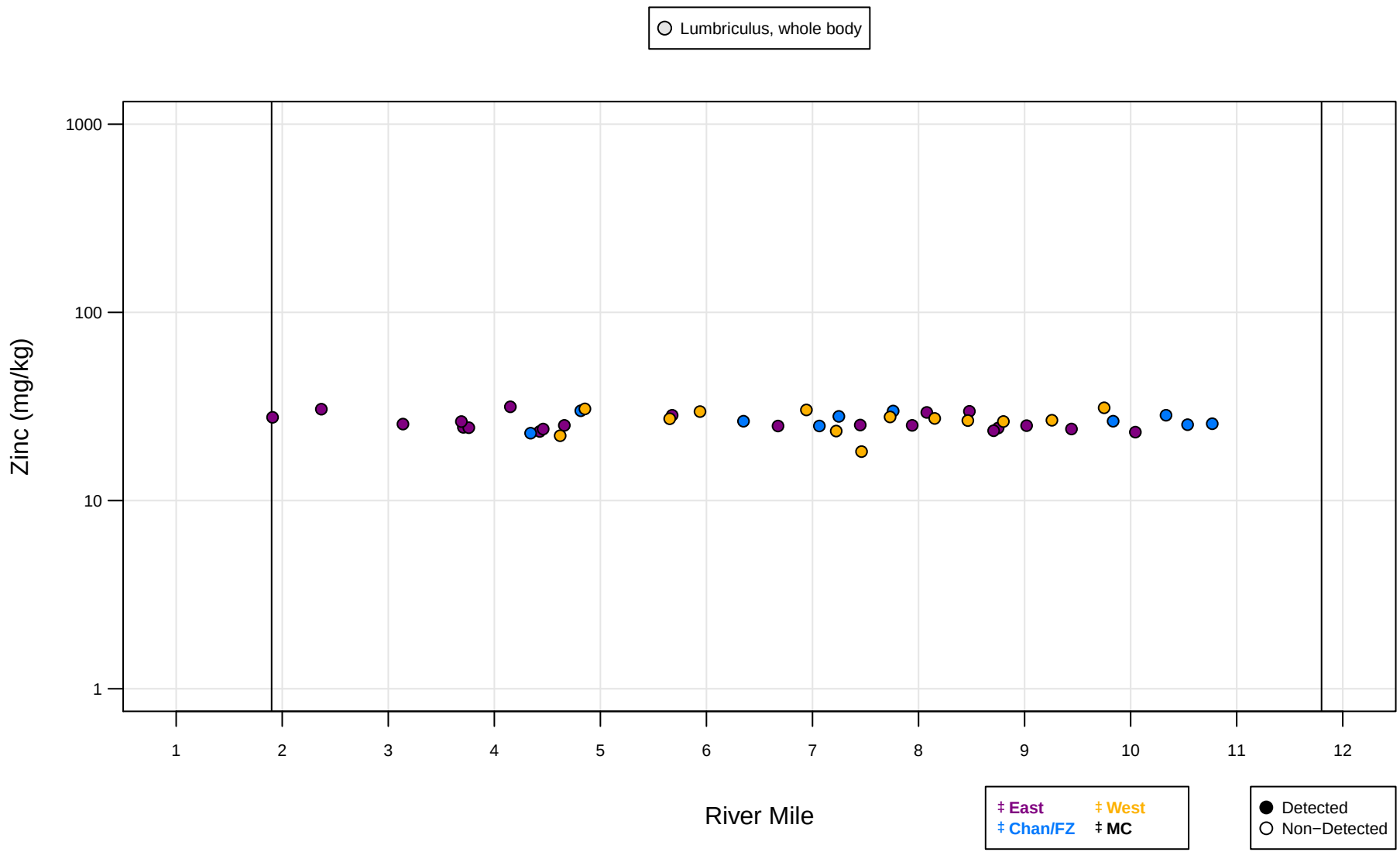


Figure 5.6−13e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Zinc in
Tissue Samples by River Mile, RM 0.8−12.2

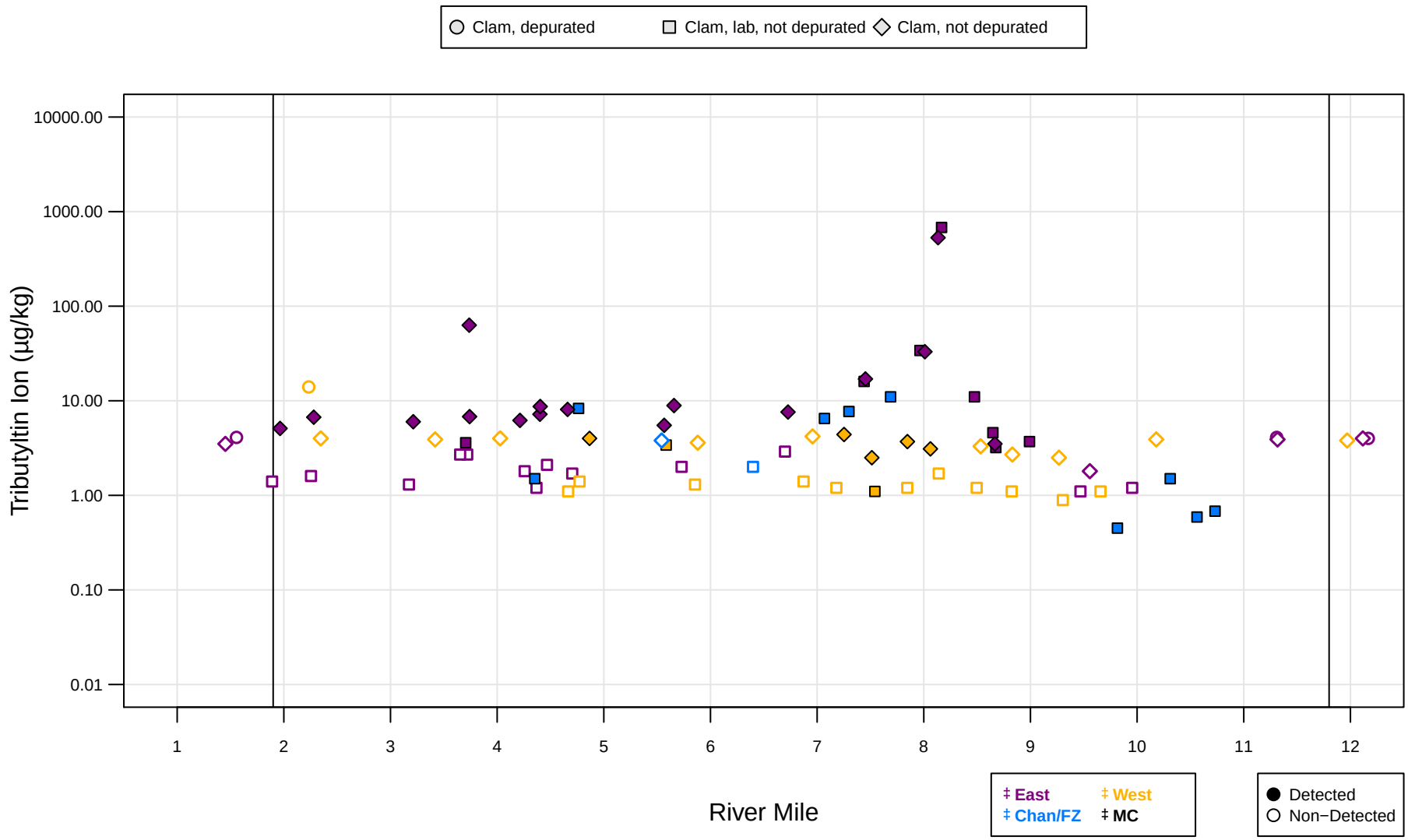


Figure 5.6−14a

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion in
Tissue Samples by River Mile, RM 0.8−12.2

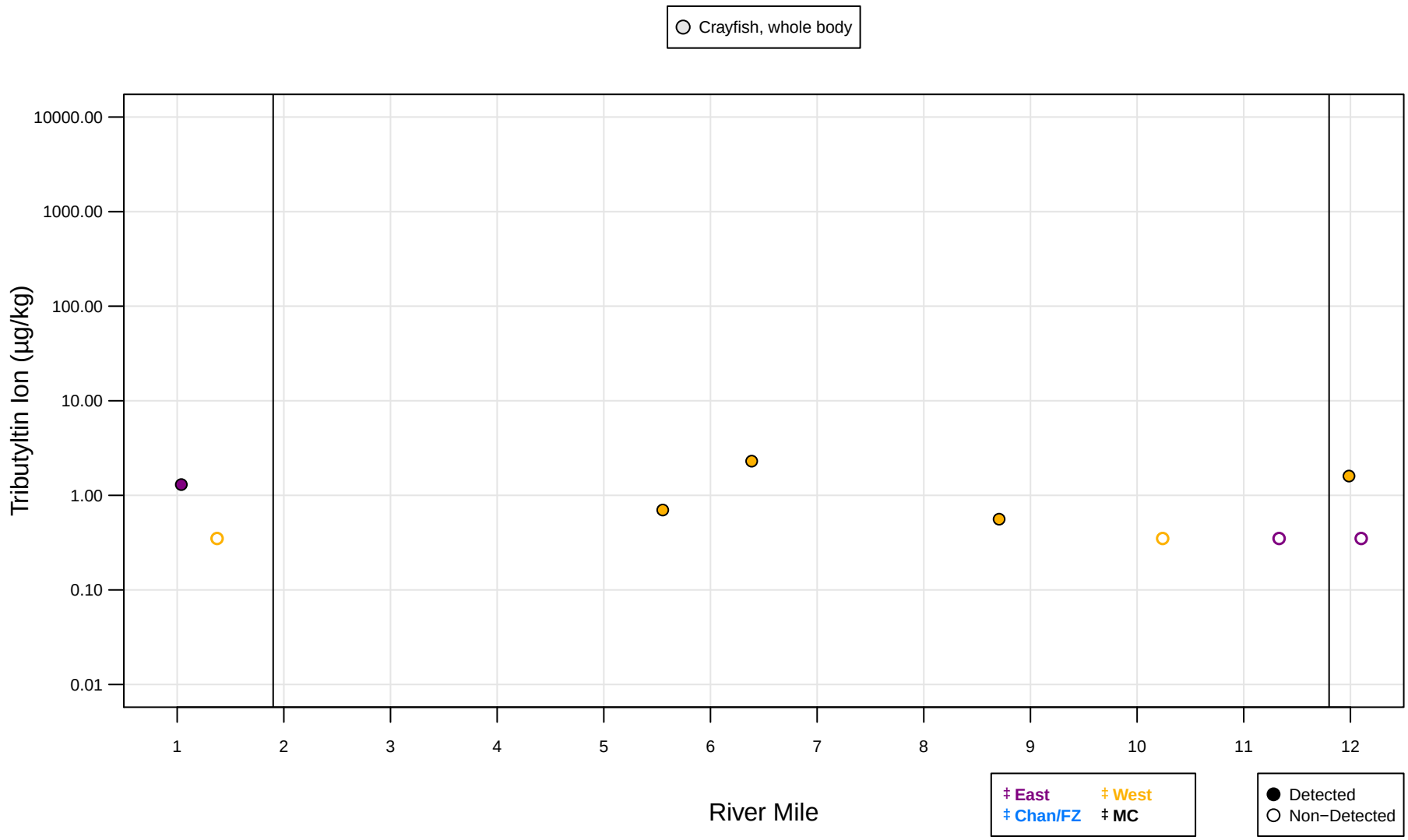


Figure 5.6−14b

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion in
Tissue Samples by River Mile, RM 0.8−12.2

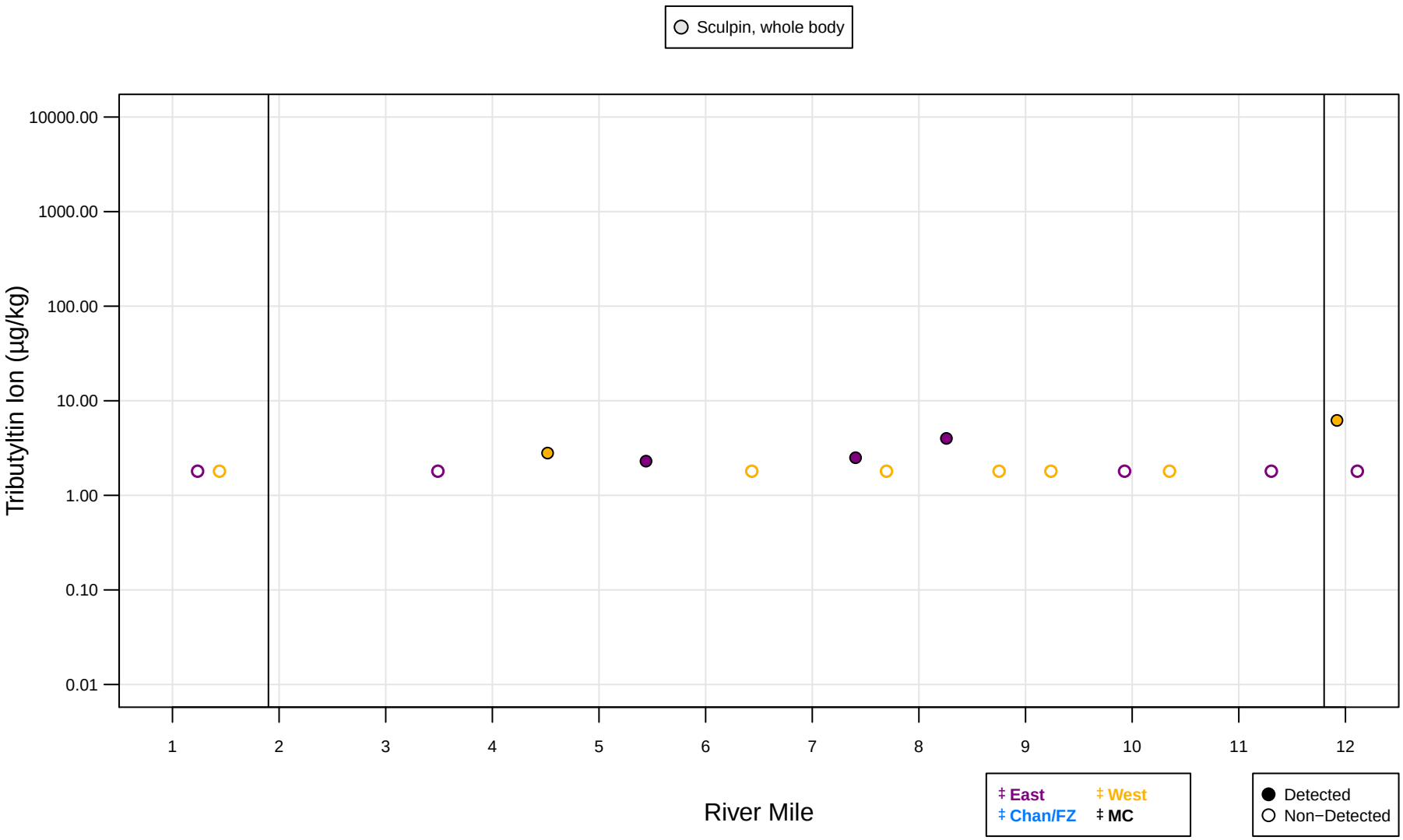


Figure 5.6−14c

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion in
Tissue Samples by River Mile, RM 0.8−12.2

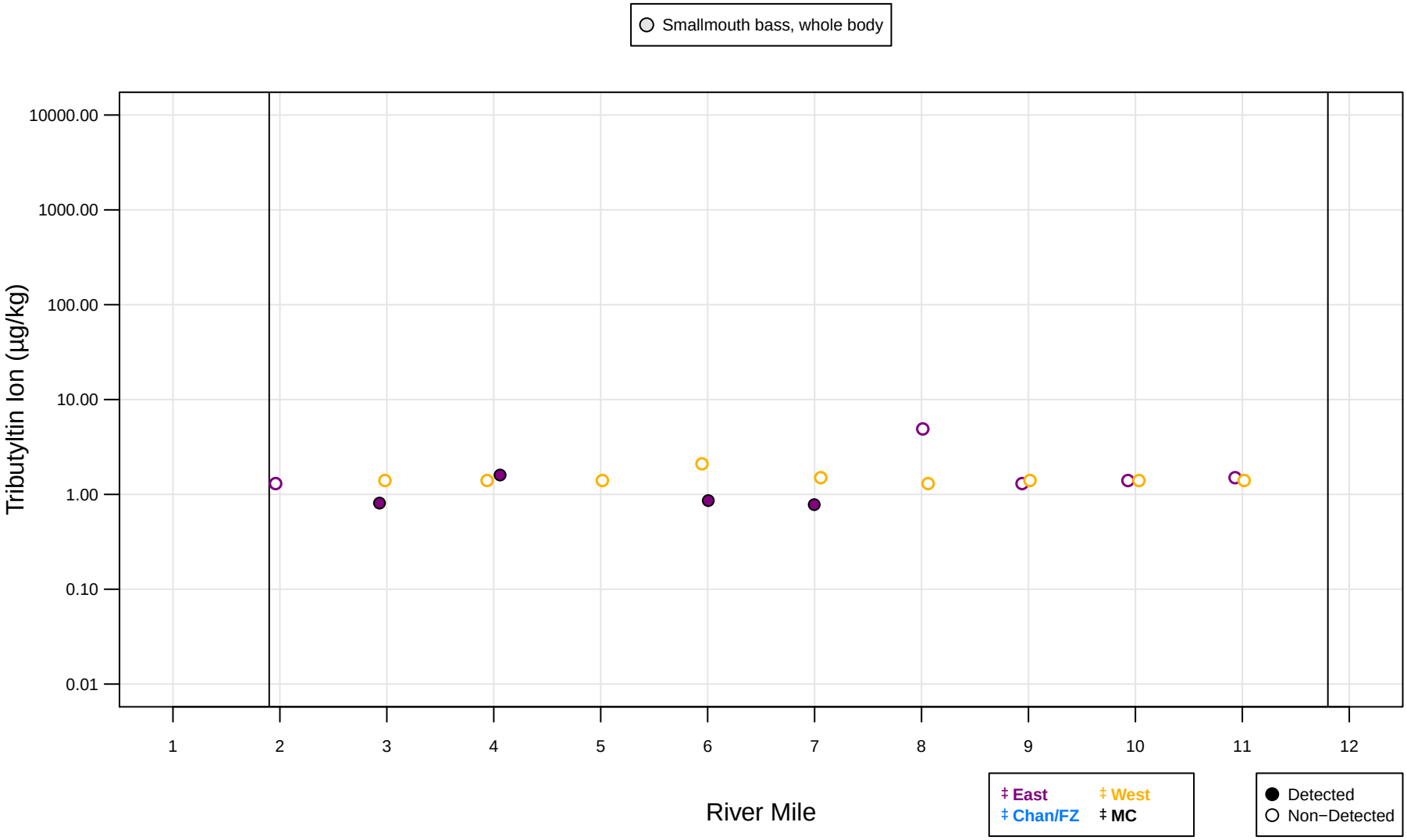


Figure 5.6−14d

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion in
Tissue Samples by River Mile, RM 0.8−12.2

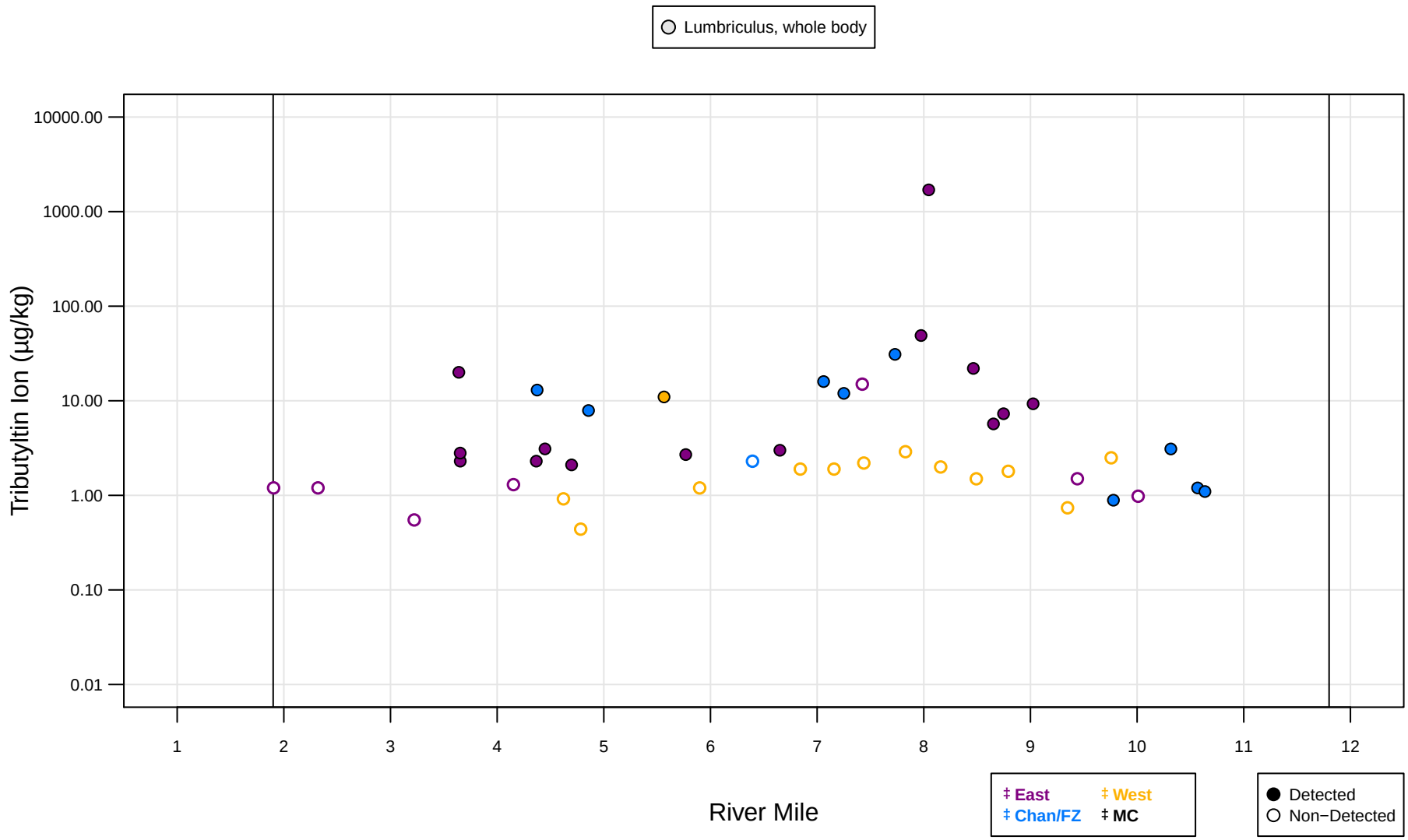


Figure 5.6−14e

Portland Harbor RI/FS
Remedial Investigation Report
Scatter Plot of Tributyltin Ion in
Tissue Samples by River Mile, RM 0.8−12.2

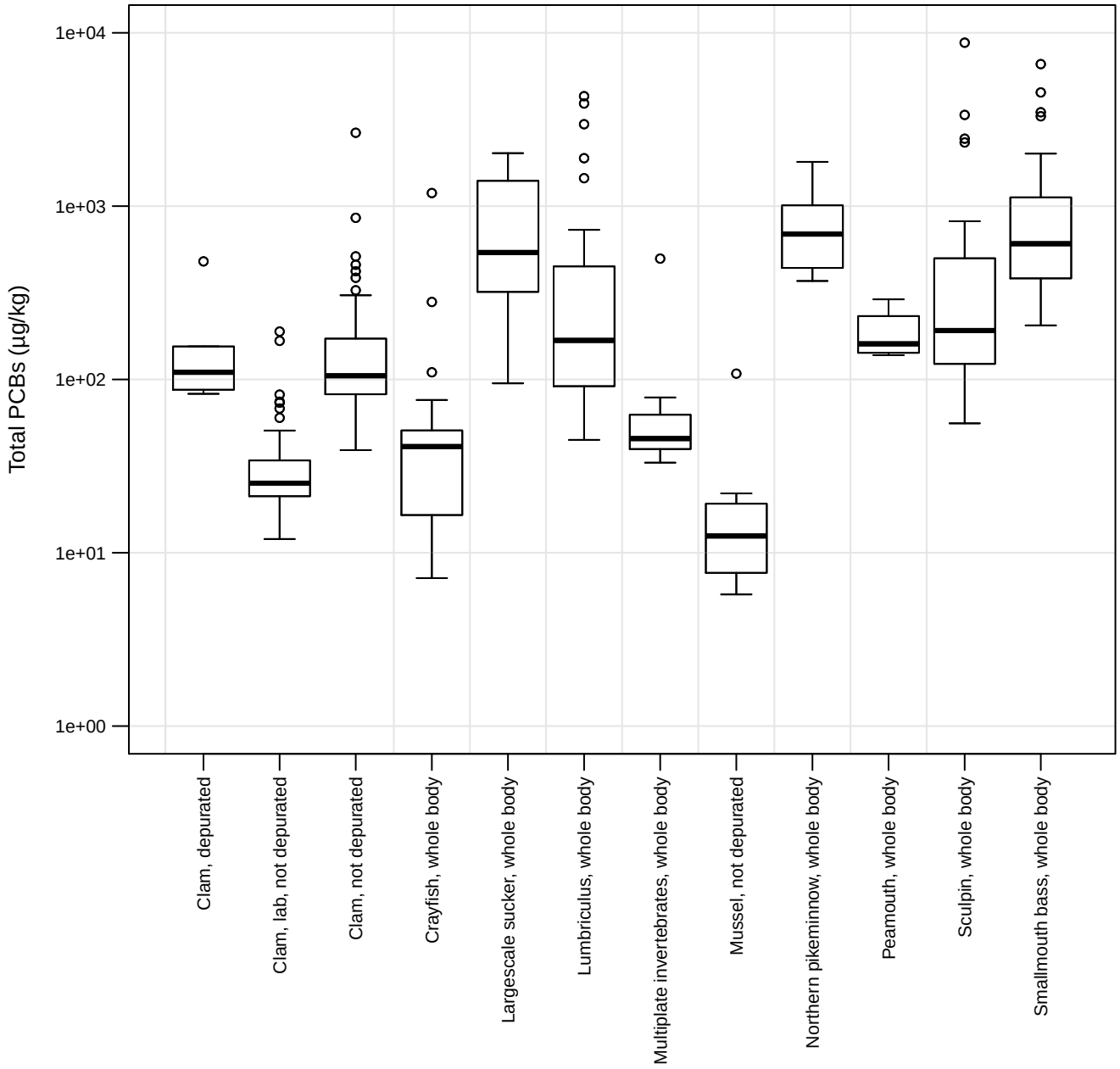


Figure 5.6−15
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected Total
PCBs in Biota (RM 0.8−12.2)

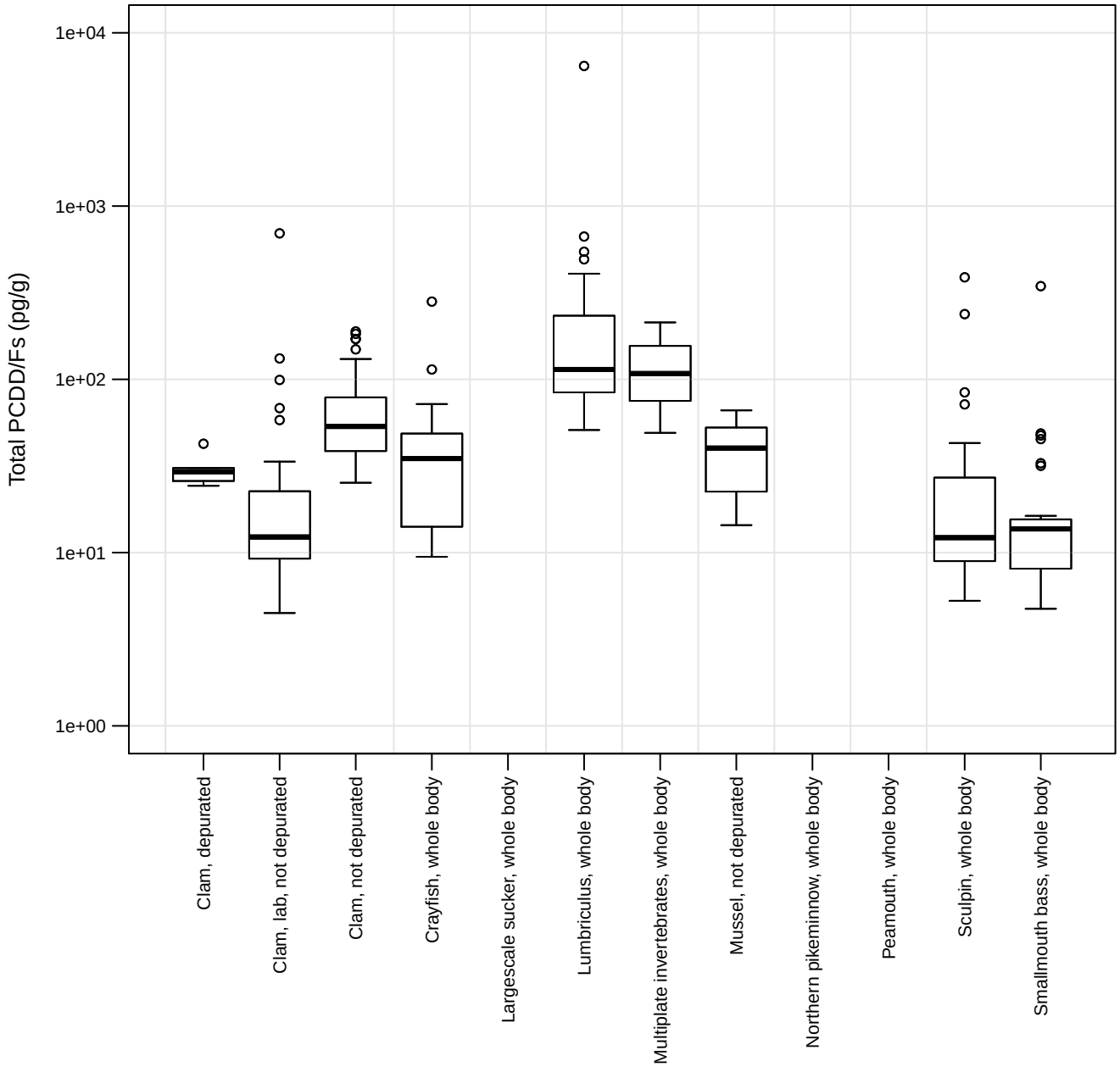


Figure 5.6−16
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Total PCDD/Fs in Biota (RM 0.8−12.2)

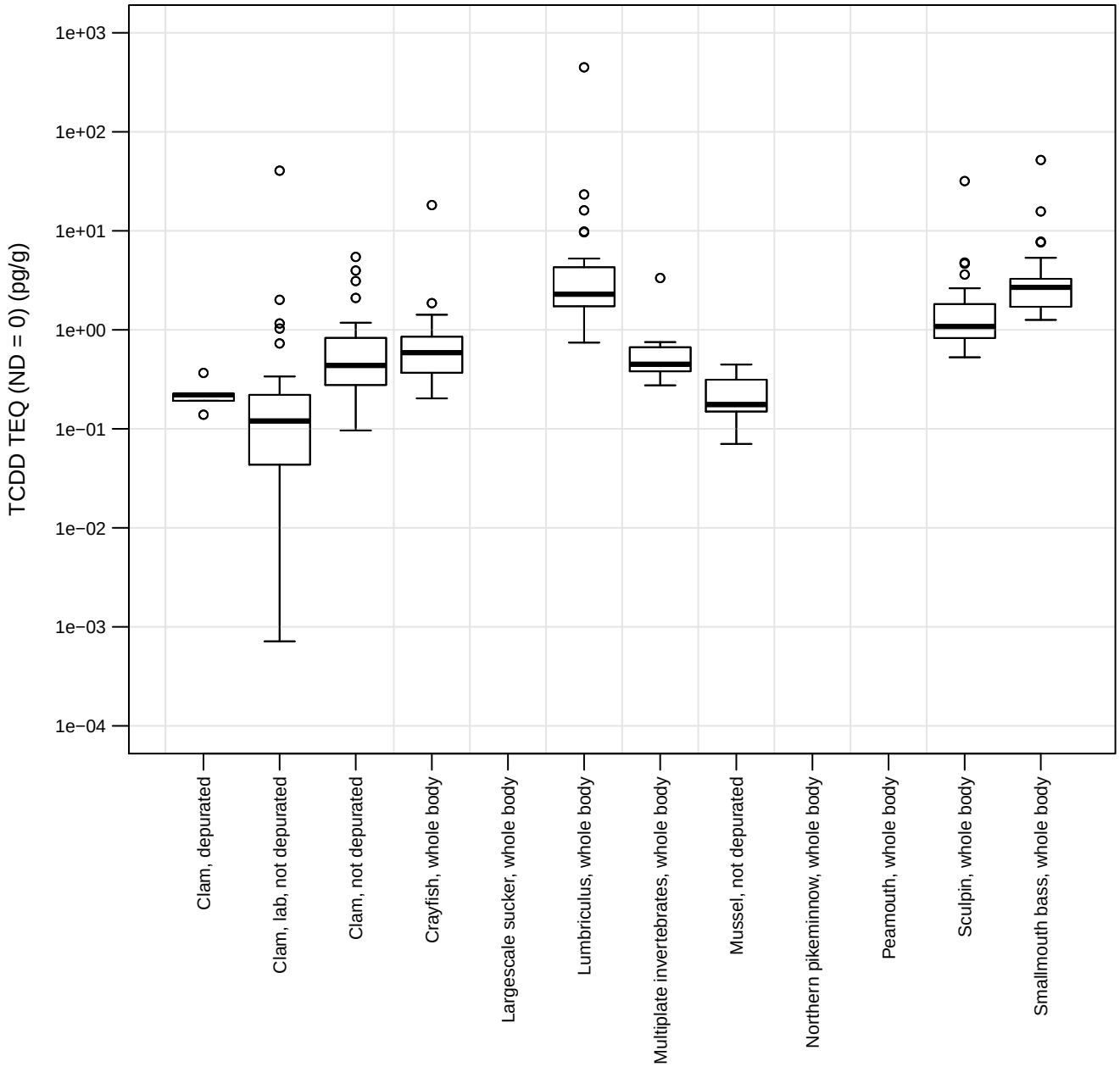


Figure 5.6−17
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
TCDD TEQ in Biota (RM 0.8−12.2)

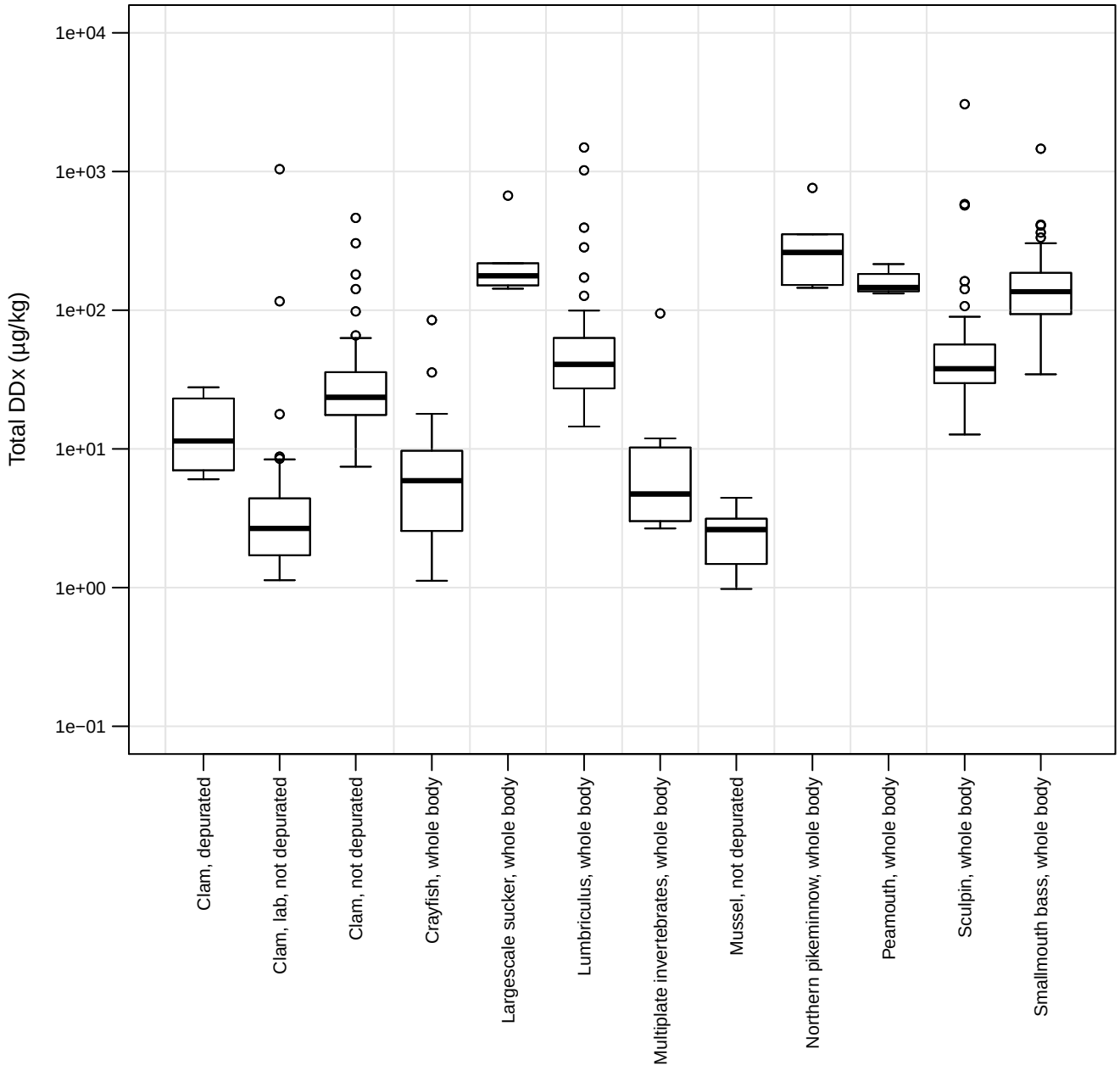


Figure 5.6−18
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Total DDx in Biota (RM 0.8−12.2)

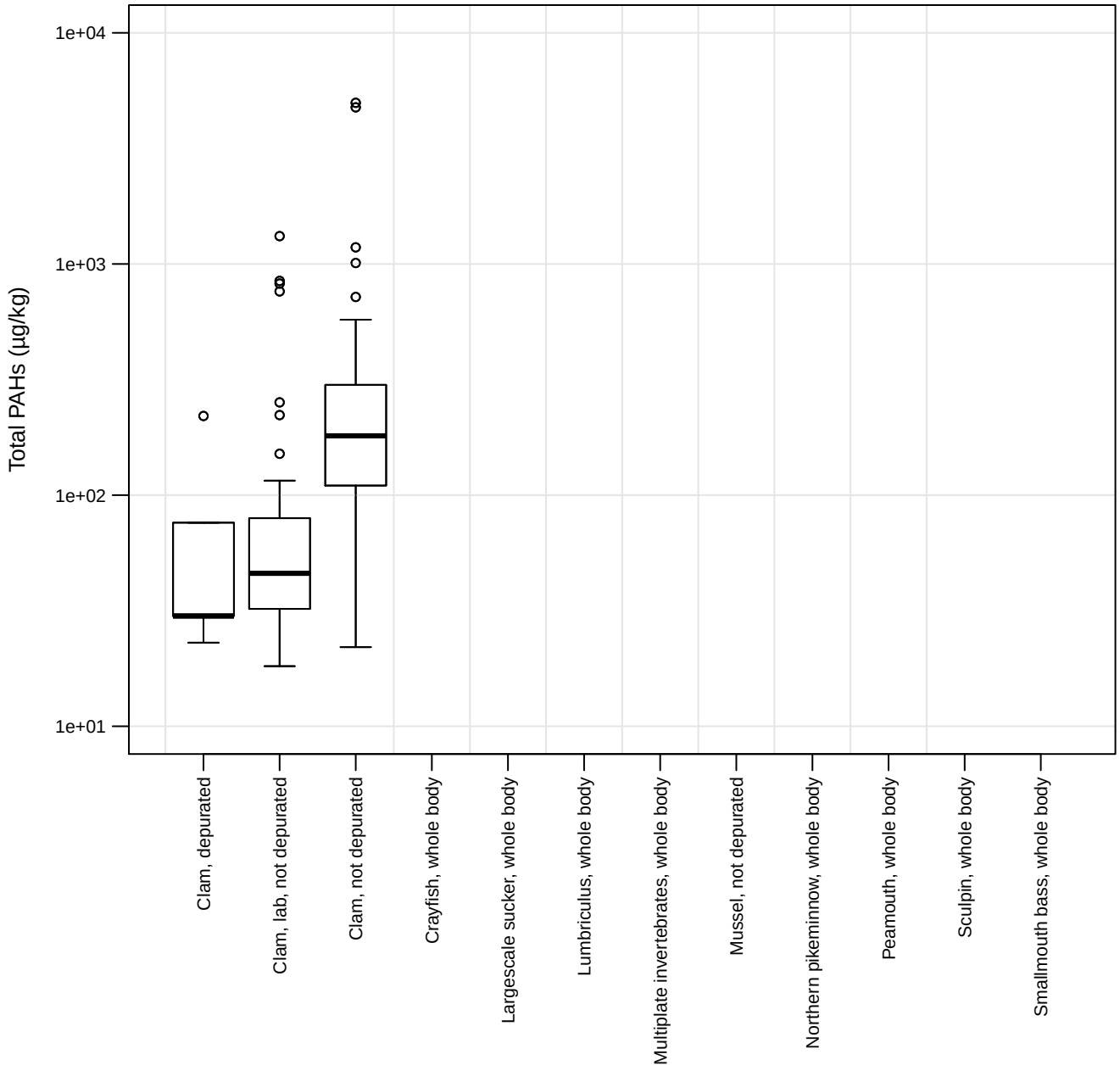


Figure 5.6−19
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Total PAHs in Biota (RM 0.8−12.2)

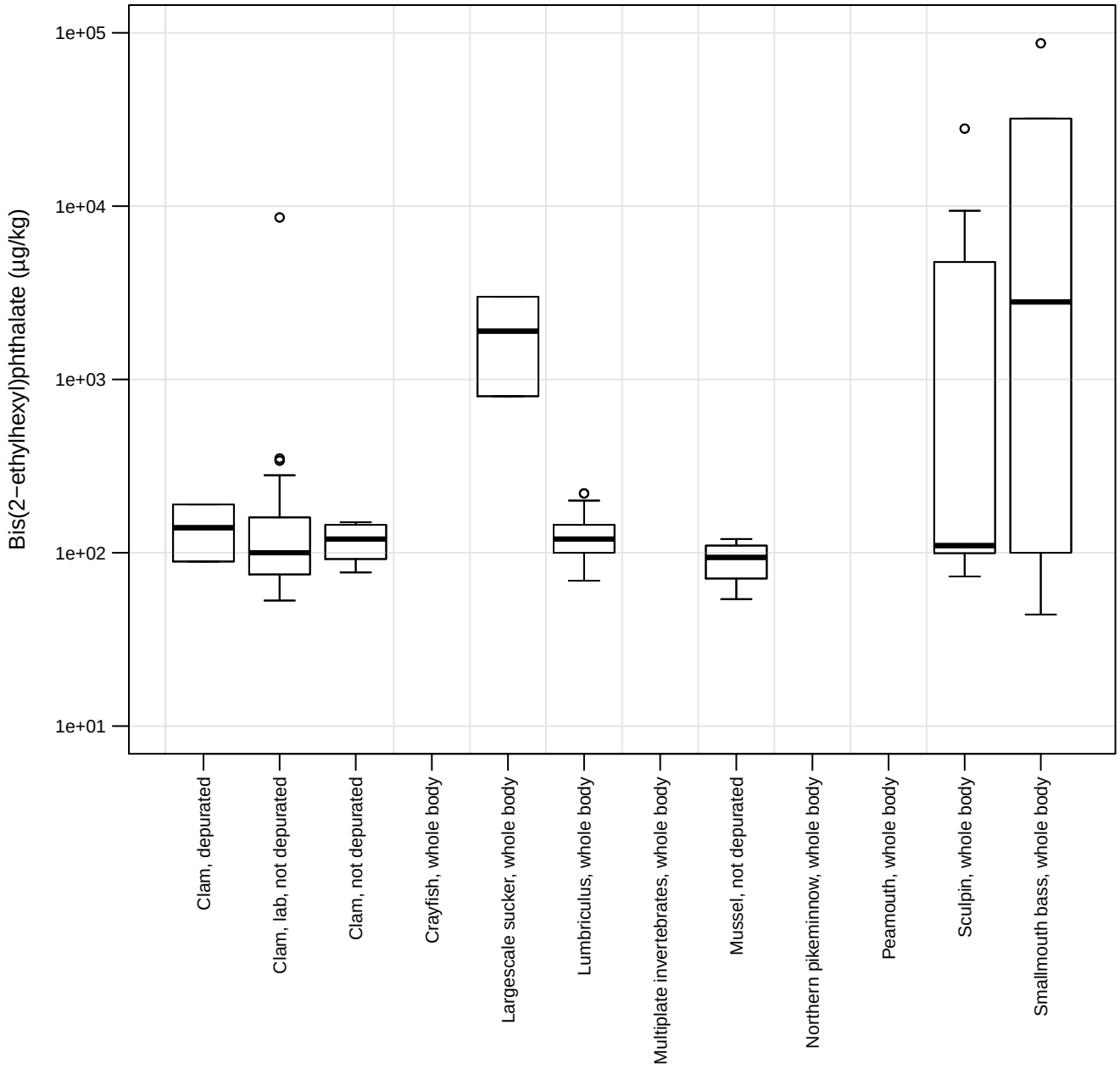


Figure 5.6−20
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Bis(2−ethylhexyl)phthalate in Biota (RM 0.8−12.2)

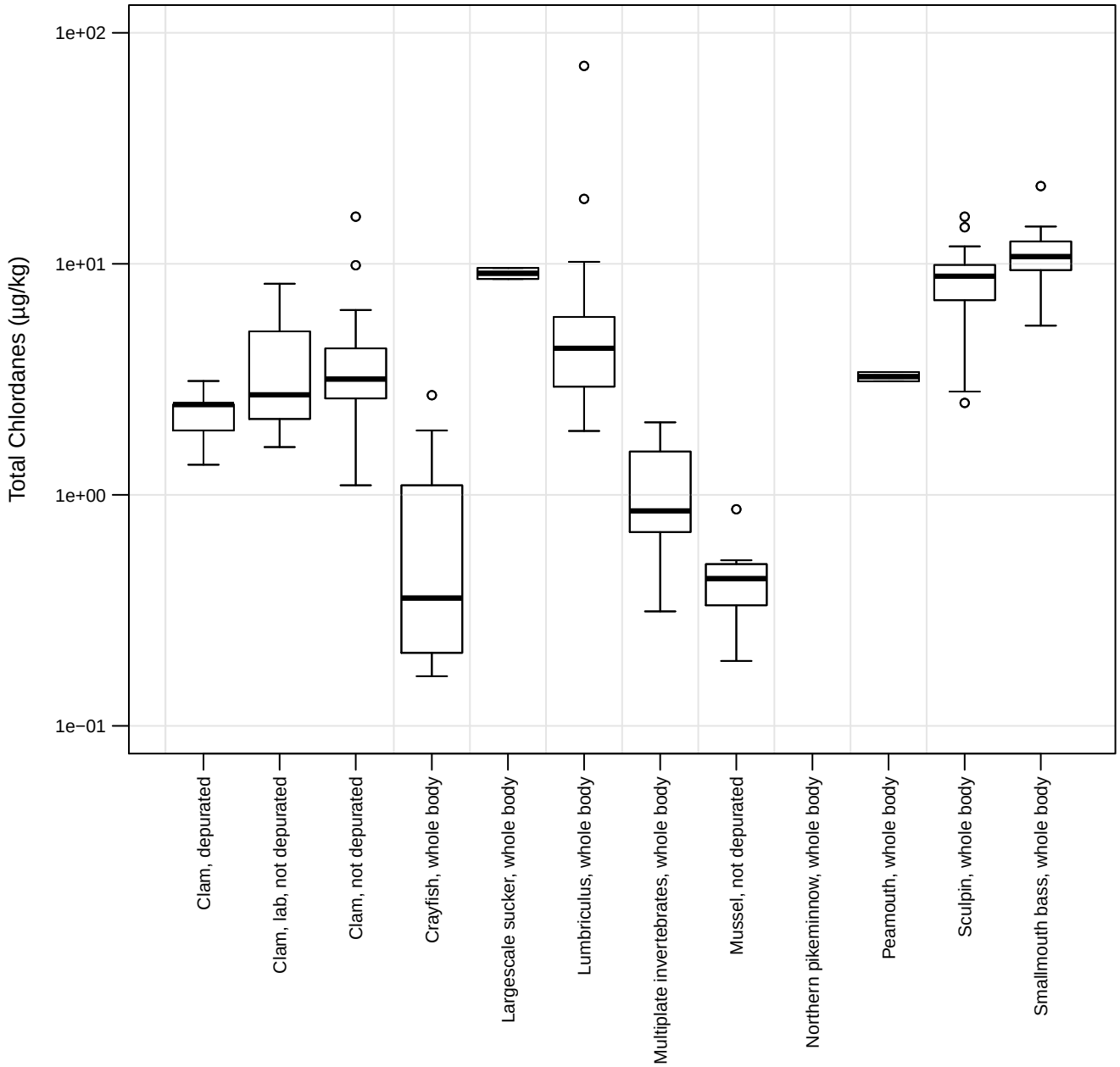


Figure 5.6−21
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Total Chlordanes in Biota (RM 0.8−12.2)

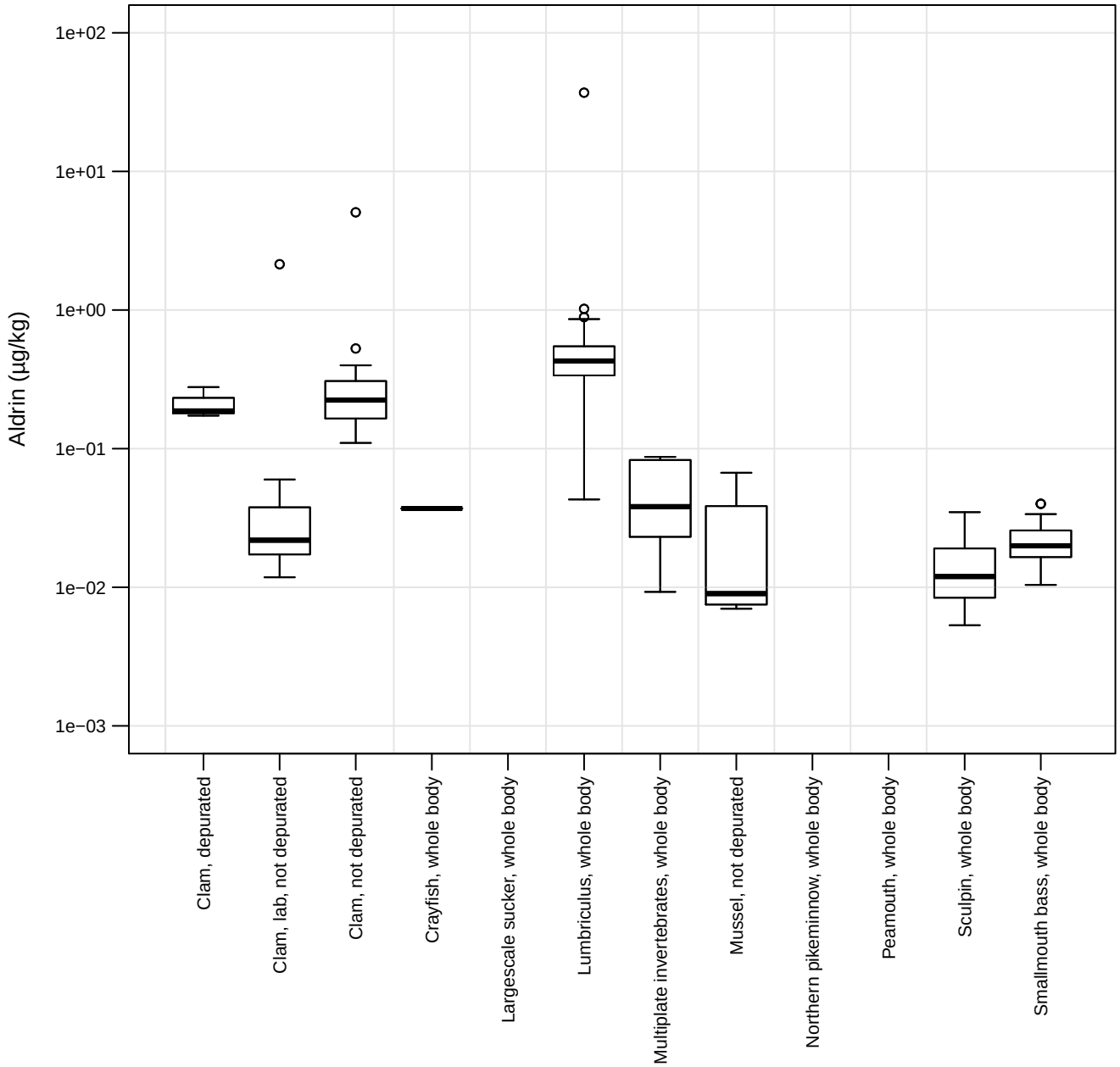


Figure 5.6−22
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Aldrin in Biota (RM 0.8−12.2)

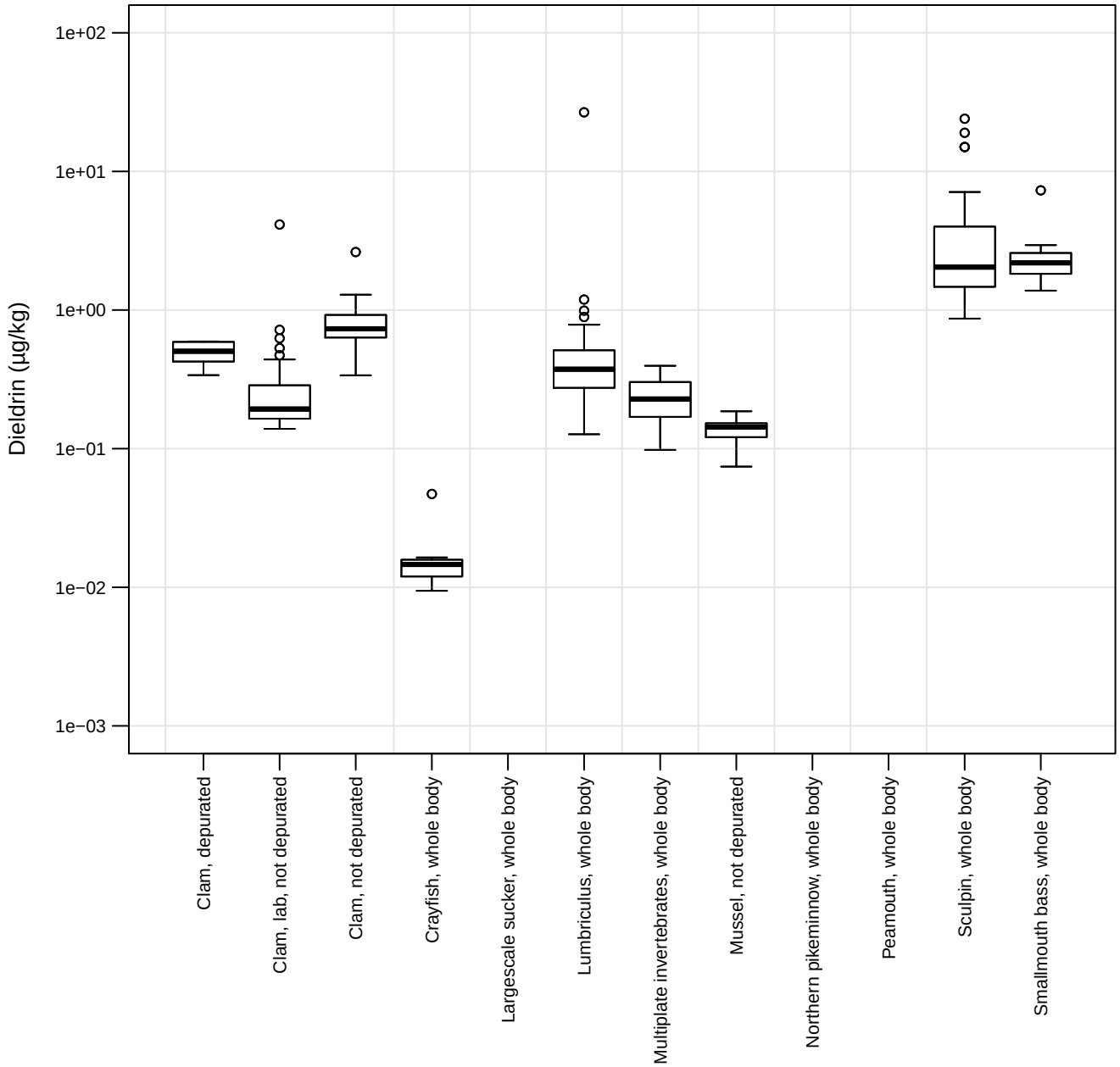


Figure 5.6−23
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Dieldrin in Biota (RM 0.8−12.2)

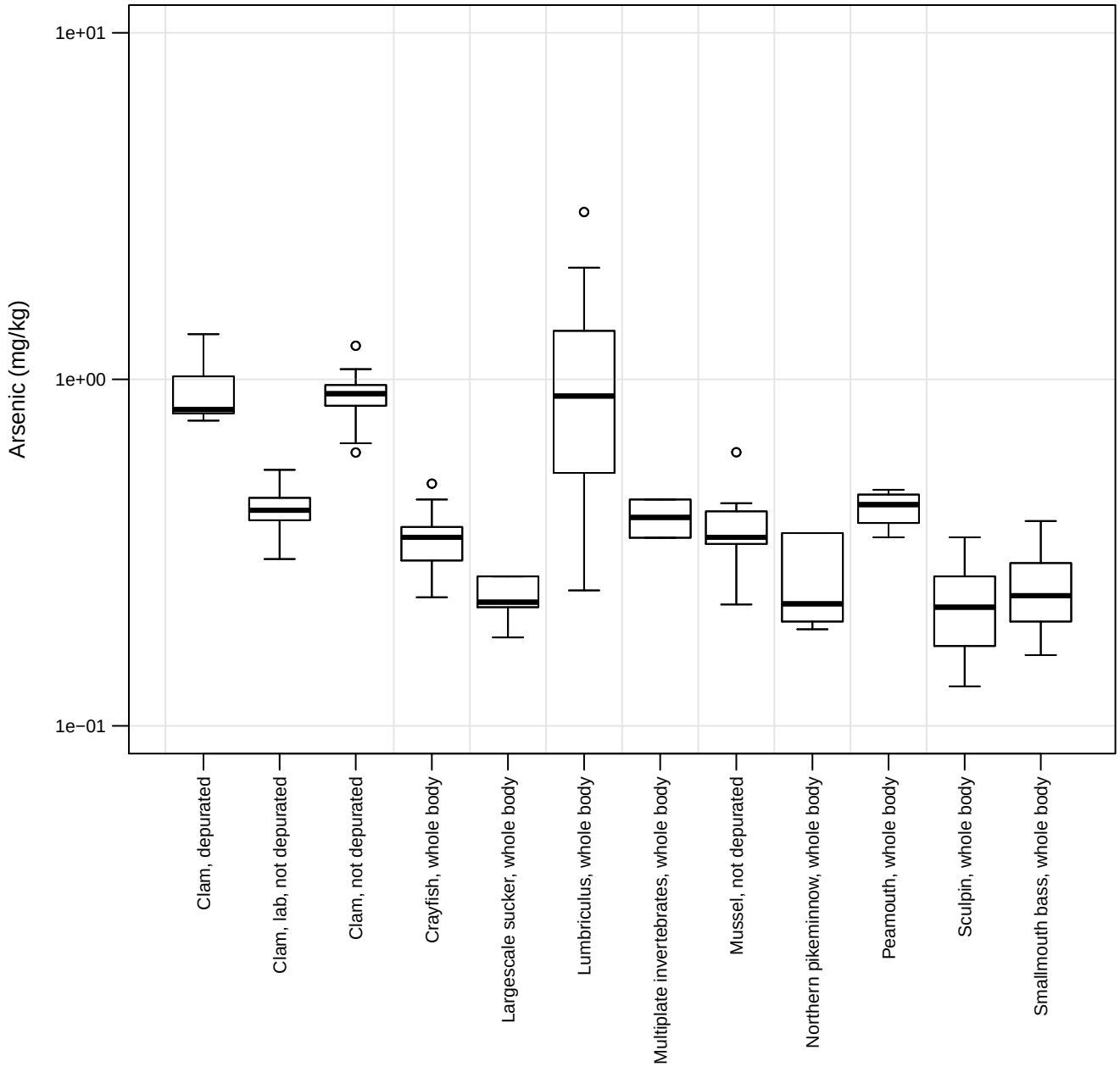


Figure 5.6−24
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Arsenic in Biota (RM 0.8−12.2)

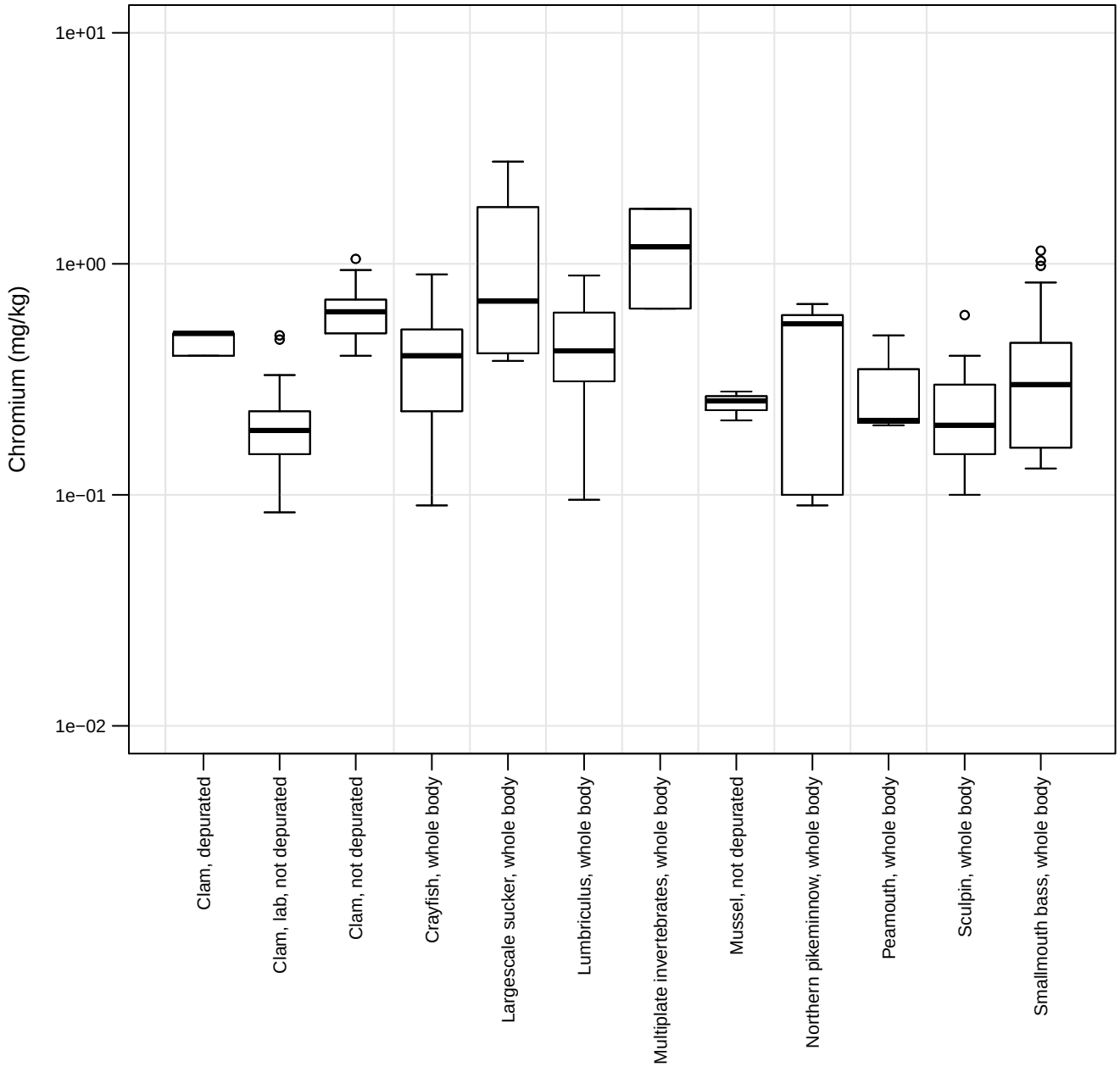


Figure 5.6−25
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Chromium in Biota (RM 0.8−12.2)

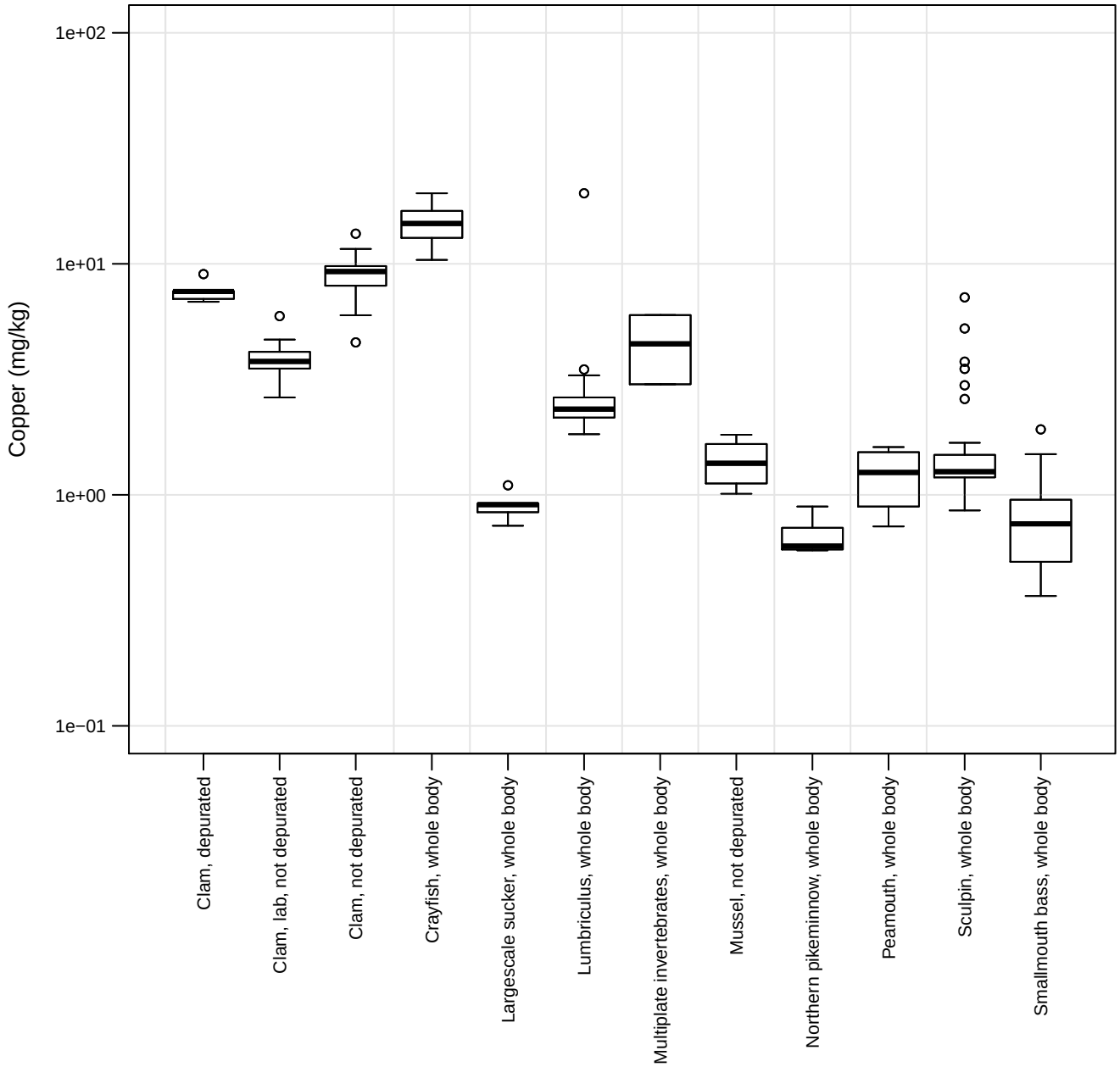


Figure 5.6−26
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Copper in Biota (RM 0.8−12.2)

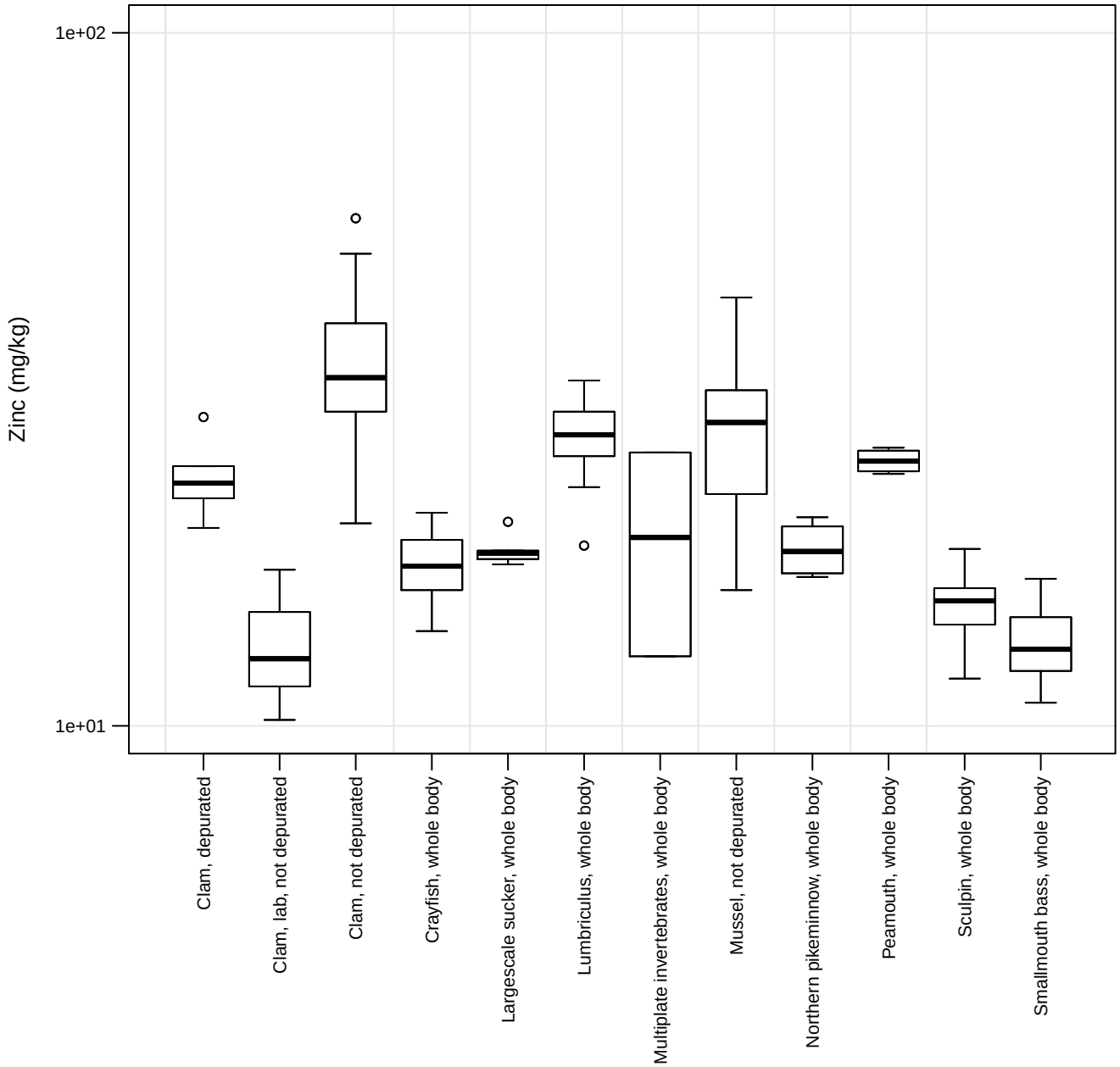


Figure 5.6−27
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected Zinc
in Biota (RM 0.8−12.2)

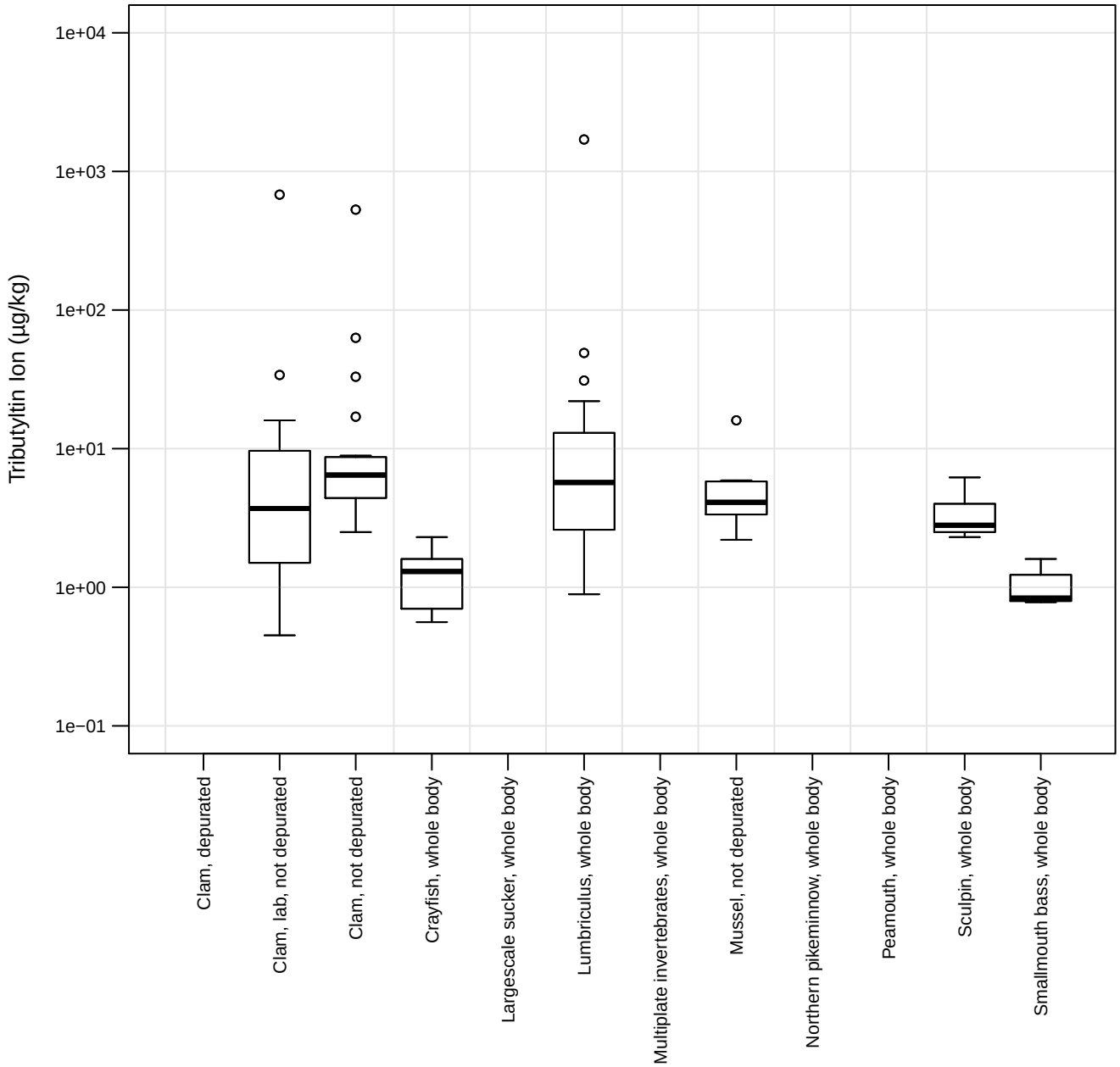


Figure 5.6−28
Portland Harbor RI/FS
Remedial Investigation Report
Box−Whisker Plot of Detected
Tributyltin Ion in Biota (RM 0.8−12.2)