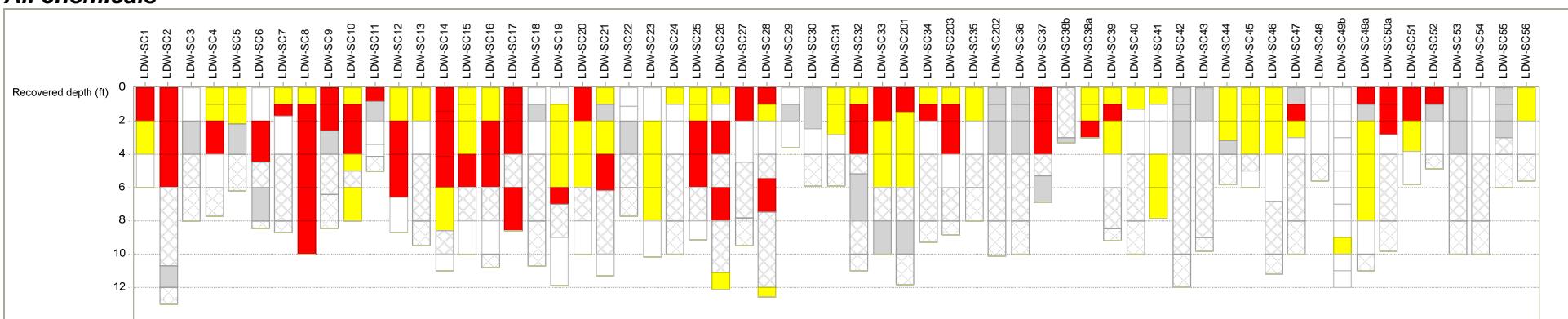
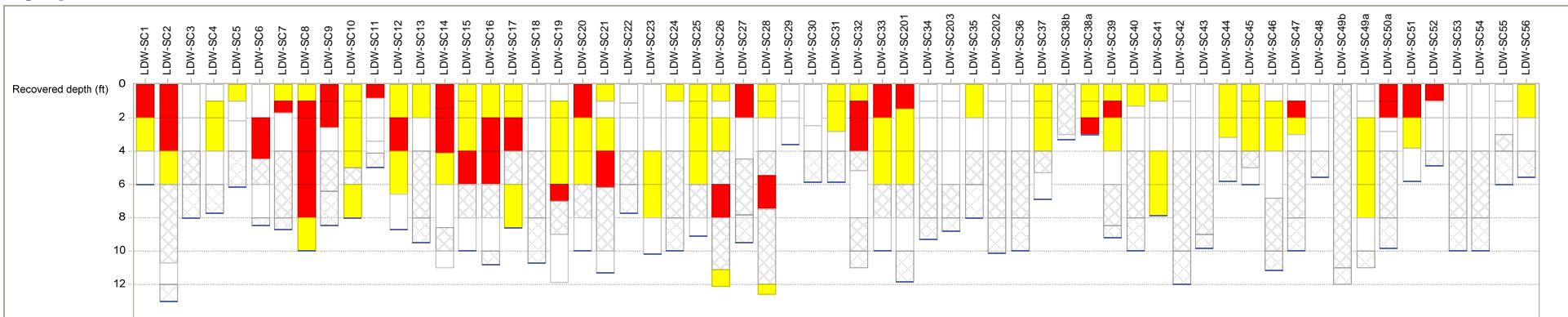


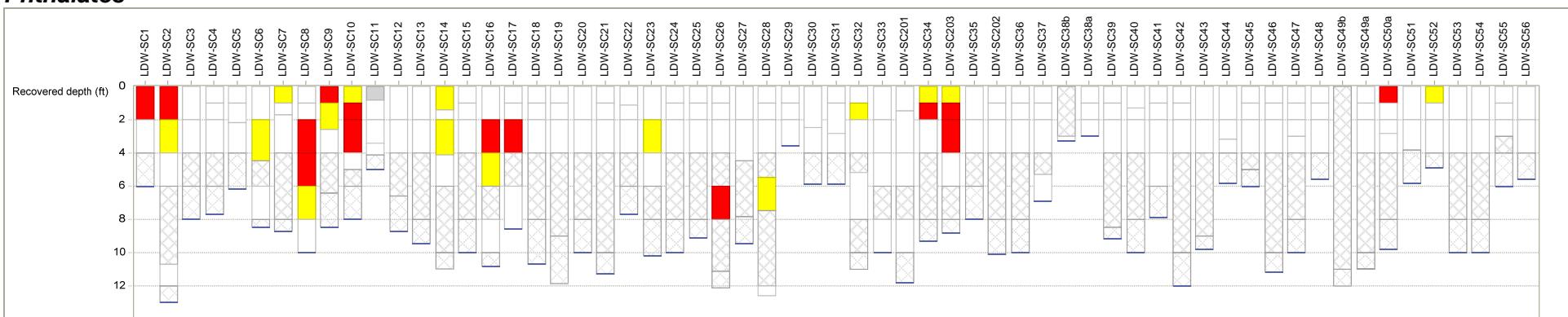
All chemicals



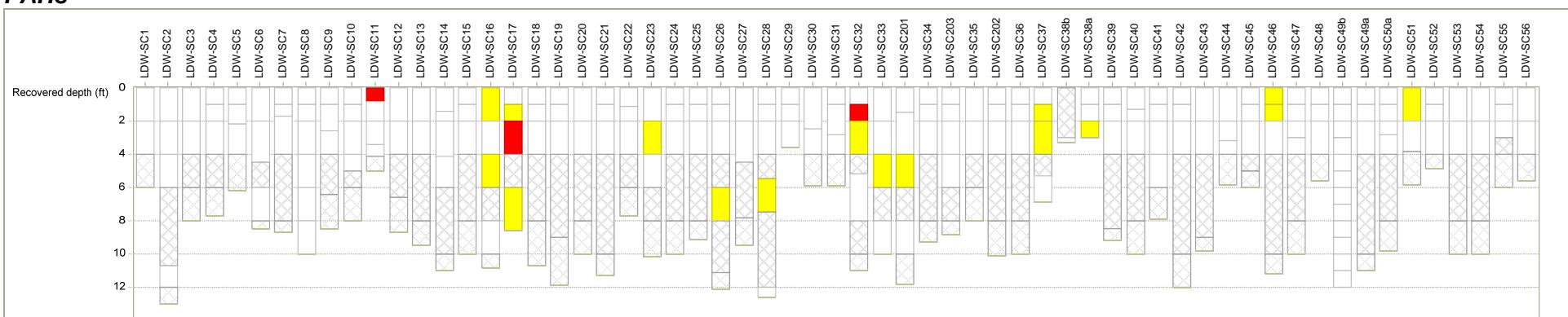
PCBs



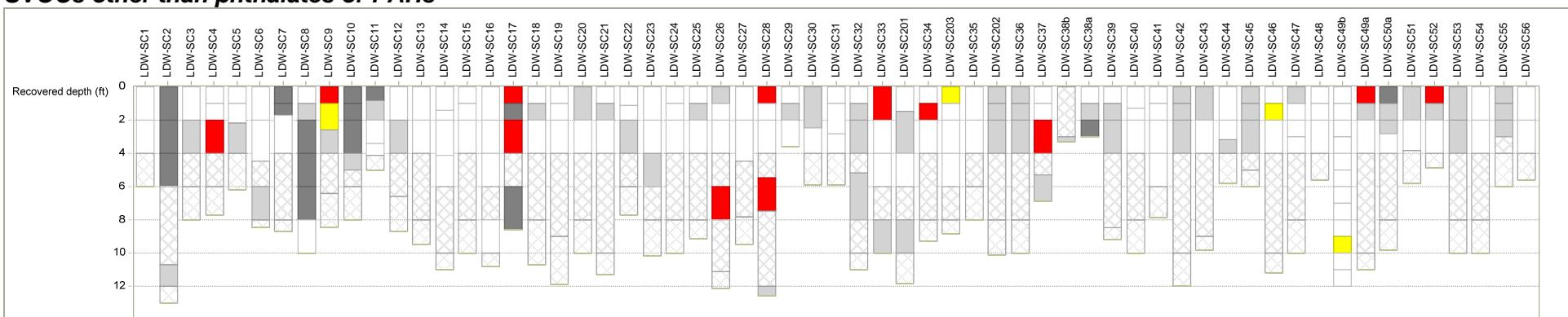
Phthalates



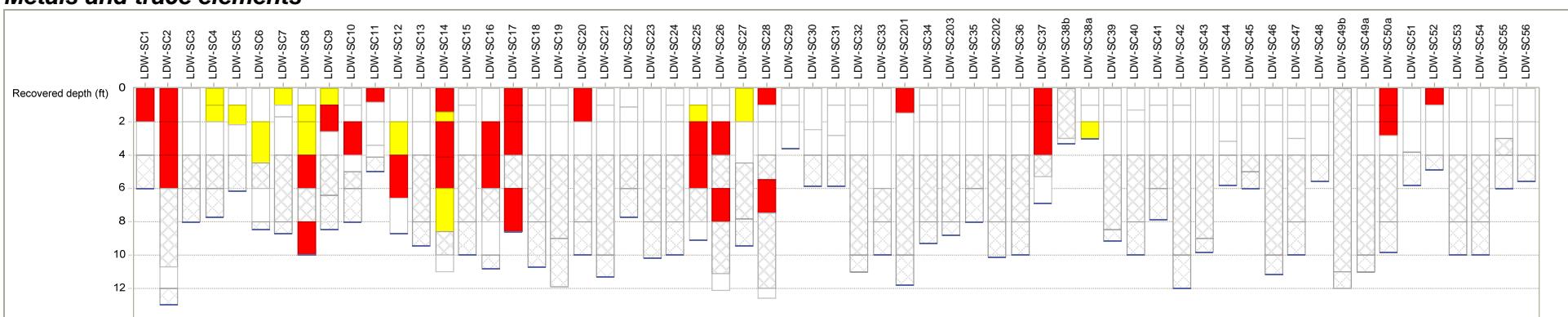
PAHs



SVOCs other than phthalates or PAHs



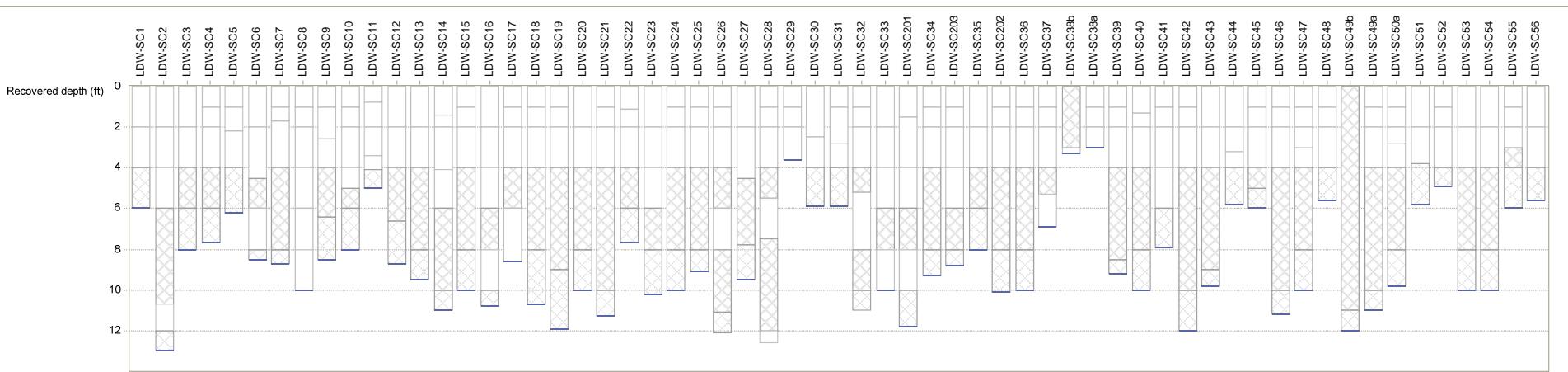
Metals and trace elements



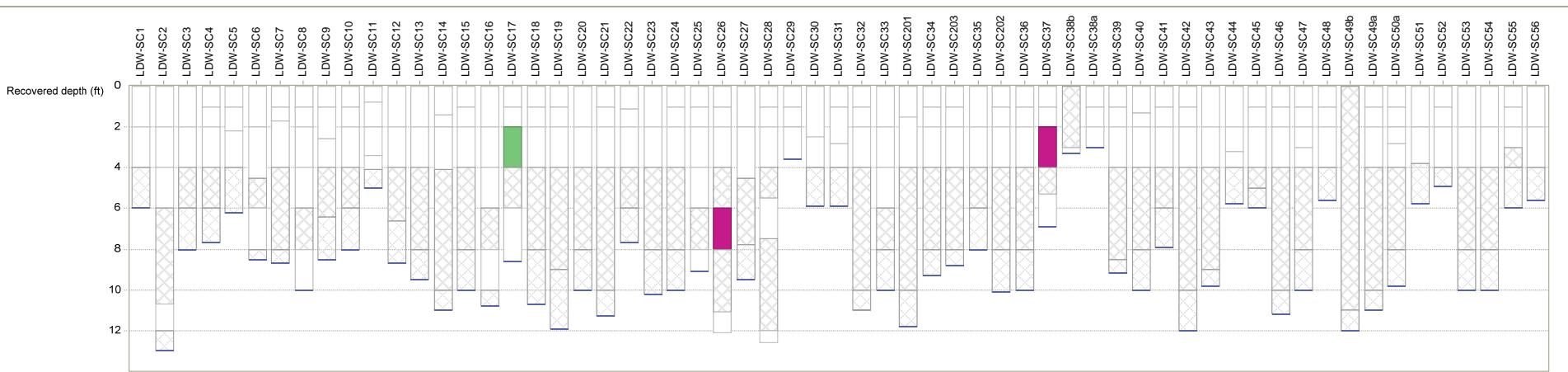
■ > CSL, detected
■ > SQS and ≤ CSL, detected
■ > CSL, non-detect
■ > SQS and ≤ CSL, non-detect
■ Not analyzed

Figure 4-2. Comparison of Phase 2 subsurface sediment chemical data to SMS criteria by chemical group

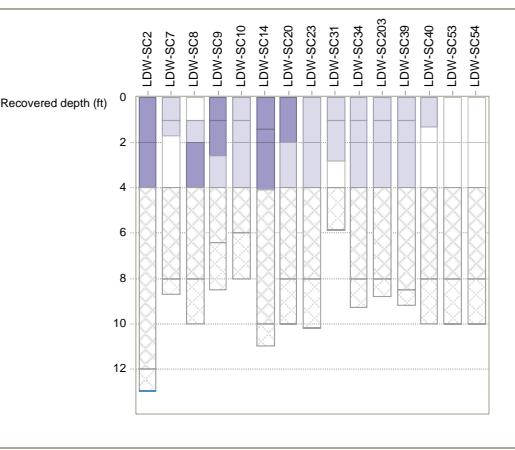
SVOCs (1,3-dichlorobenzene and hexachloroethane)



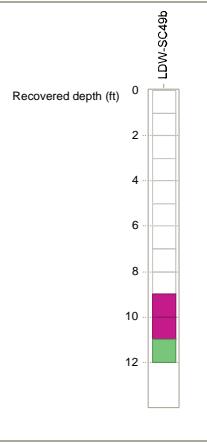
Metals and trace elements (nickel and antimony)



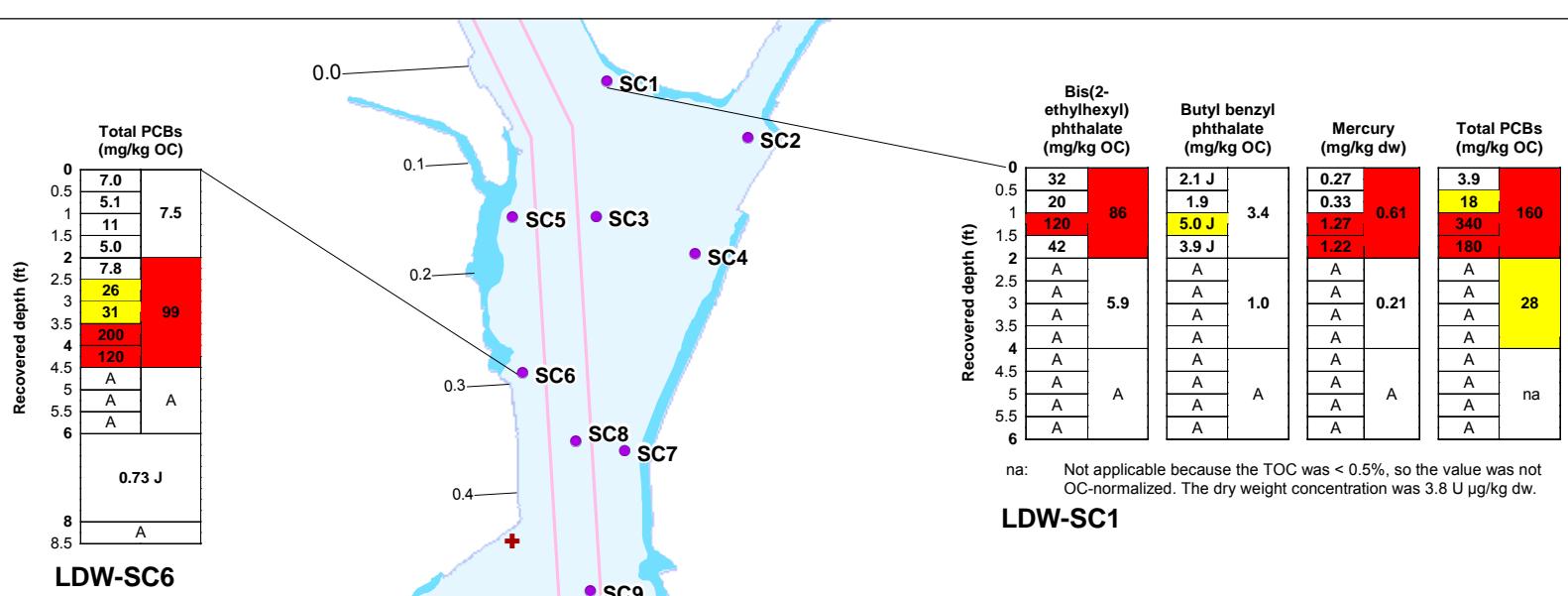
Pesticides (aldrin, chlordane, DDTs, dieldrin, gamma-BHC, and heptachlor)

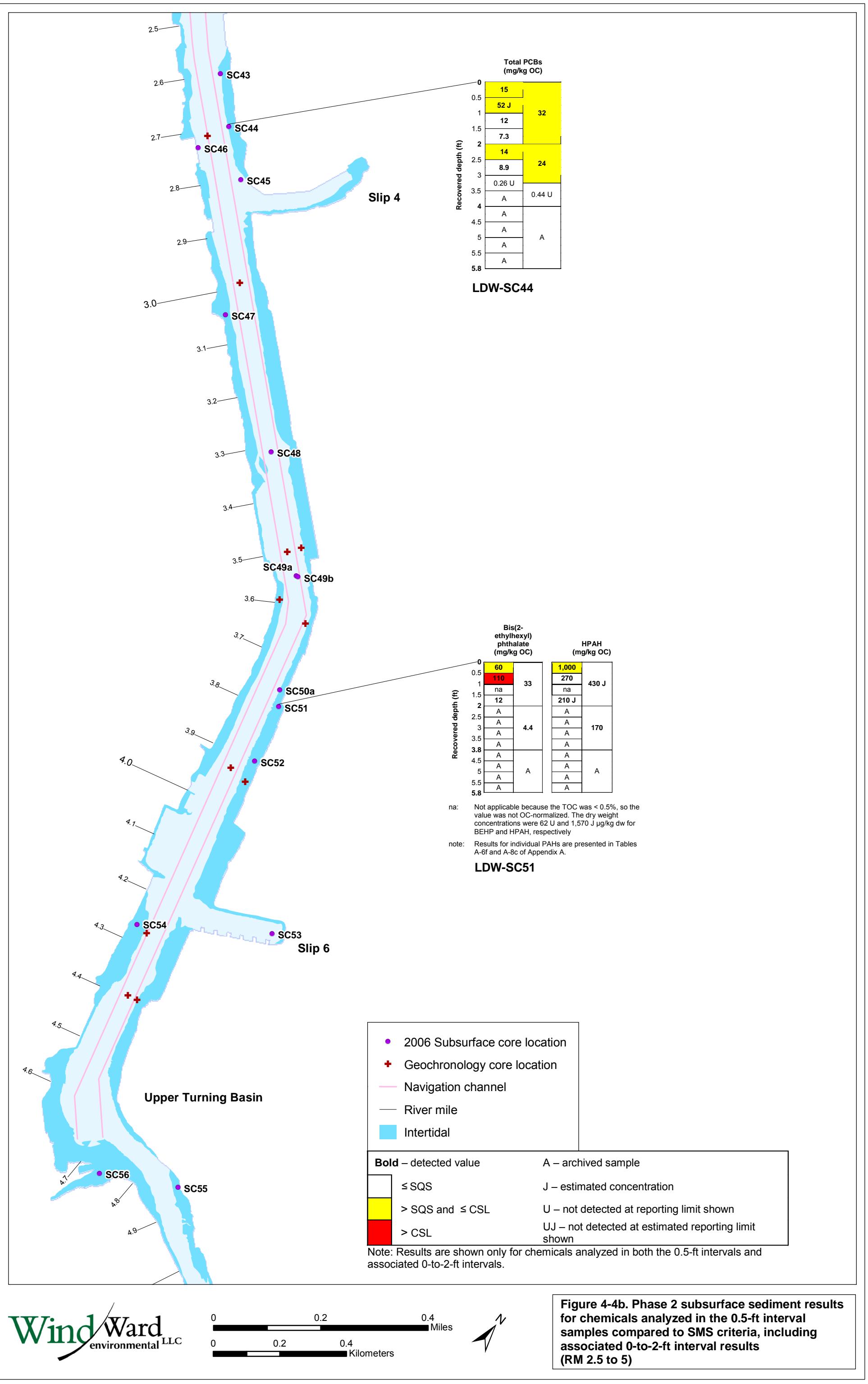


VOCs (1,3-dichlorobenzene, ethylbenzene, tetrachloroethene, trichloroethene, and xylenes)



■ > ML, detected
■ > SL and ≤ ML, detected
■ > ML, non-detect
■ > SL and ≤ ML, non-detect
■ ≤ SL, detected and non-detect
■ Not analyzed







Sediment Core Log Key LDW-SAMPLE CORE

Sheet 1 of 2

Project: LDW RI/FS		Water Body Type: Lower Duwamish Waterway		Tube Length (ft): 16.1			
Project #: PORS5-18220-511		Water Elevation (ft)/Tide: 6.8		Penetration Depth (ft): 12.0			
Client: LDWG		Water Depth (ft): 24.6		Sample Quality: Good			
Collection Date: 2/10/06		Mudline Elevation (ft): -17.3		Recovery in ft (%): 12 (100)			
Contractor: MCS Environmental, Inc.		N./LAT: xxxxxx E./LONG: xxxxxxx		Process Date: 2/10/06			
Vessel: MCS barge		Horiz. Datum: NAD 83 N Vert. Datum: MLLW		Process Method: Cut tube			
Operator: Gary Maxwell		Method/Tube ID: Diver Impact Core/4" sq Al		Logged By: Geologist Name			
Recovered Depth (ft)	Recov. Interval & Sample #	% Recovery (interval)	Chemical Analysis	PID Measurement	Sediment Description Classification Scheme: USCS Contacts are recovered depth (In-situ depth interval in feet with parentheses)	Comments for Recovered Depths	In-situ Depth (ft) & Graphic Log
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Sediment Core Log

Core: LDW-SAMPLE CORE

Sheet 2 of 2

Recovered Depth (ft)	Recov. Interval Sample #	% Recovery (depth in ft)	Analysis	PID Measurement	Sediment Description Classification Scheme: is USCS Contacts are recovered depth (In-situ depth interval in feet with parentheses)	Comments for Recovered Depths	In-situ Depths (ft) & Graphic Log
7	LDW-SAMPLE E-6-8	100% (6-9)	SVOC PCB	0	SP: SAND: Poorly graded sands or gravelly sands, little to no fines.		7
8	LDW-SAMPLE E-8-10		PCB	0	SW: SAND: Well graded sands or gravelly sands, little to no fines.	Transitional Contact	8
9	LDW-SAMPLE E-10-12	100% (9-11)		0	SP- SM: Sand with interbeds of silt.		9
10	LDW-SAMPLE E-12-13			0	SP-SC: Sand with interbeds of silt and pockets of clay.		10
11				0	SP-SM: Sand with silt pockets.		11
12		100% (11-13)			GP: GRAVEL: Poorly graded gravels or gravel sand mixtures.	Sharp Contact	12
13					End of core @ 13.0'. Driven to refusal.		13

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134-1162
Phone: (206) 624-9349
Fax: (206) 624-2839

Remarks: Drive Notes: freefall (0.6'), easy (3.3'),
moderate (9.0'), hard (12.0'), refusal (12.0'). One drive attempt
made at station. Core tube intact and shoe was
100% full.

Calculated Recovery
Sample Length/Penetration Length:
 $12.0 / 12.0 = 100 \%$

Figure 4-5b. Example of sediment core log format with key for sediment descriptions–Sheet 2