

Profiler Deployment Setup

Date 6/9/08
+ 6/10/08

- Location**
- Gloucester Pt
 - Claybank
 - other _____
- Profiler**
- R.O.S.E.
 - lil ROSE

ADV (SONTEK)

cmab 35.0

- Sensor**
- B336 (V20358) & G494 (V20364)
 - B337 (V20359) & G447 (V20365)
 - B338 (V20360) & G446 (V20366)

Calibration date _____ filename _____

Compass Calibration Horizontal Calibration score (0-9) _____
 Vertical Calibration score (0-9) _____
 Ambient Mag Field Strength (4.5) _____
 Results: (pass/fail) _____

CTD (YSI 6600)

cmab 22.0

- Sensor**
- 03H1988 (V17937)
 - 03K0492 (V??008)
 - 07B1391 (V20490)

Calibration date 6/8/08

- conductivity
- pressure
- turbidity

LISST 100X (Sequoia)

- Sensor**
- 1075 (V14726)
 - 1185 (V18917)
 - 1232 (V20536)
 - 1239 (V20609)

cmab 15.4

- OBS**
- 1675 (V16608)
 - 1812 (V16965)
 - 11315 (V20774)

cmab _____

Calibration date 6/5/08 zscat name ZSC 080605_1239_80

PUMP INTAKE

cmab H = 15.5 L = 8.5

ADCP (RDI 1200 kHz)

- Sensor**
- 602 (V)

cmab 61 m

6/9/08

42080609

Chybank Channel Erosion Study
(Slack - Flood)

ON BOARD R/V Elis Olsson, Capt. Wayne
Kisner, crew Grace Cartwright

Left Dock @ 0840 EST

Position Equipped @ 2 WMS

(H) at 15.5 WMS

(L) @ 8.5 WMS

Starts 4621 - 4635

to base H = 1575
L = 8.5
CNS

Cruise 41080609

Date 6/9/08

claybank channel erosion study
41080609

41080609

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Comment
4621	0941	20.751	36.824	11.83	008	✓	✓	✓	—	—	—	—	Profile
4622	0944	20.750	36.824	11.77	000	✓	✓	✓	B4622H	11.92	0948.8	—	21.14/4.79 20.55/4.21
↓	+	+	+	+	+	✓	✓	✓	B4622L	11.95	100032	—	20.47/4.13 ↓
4623	1004	20.752	36.824	11.87	001	✓	✓	✓	B4623H	12.02	100724	—	20.47/4.13
↓	+	+	+	+	+	+	+	+	↓	12.02	100639	—	21.10/17 21.90/13.56 ← T14 77
4624	1017	20.749	36.828	11.57	002	✓	✓	✓	B4624H	11.80	101949	1037	18.43/3.09
↓	+	+	+	+	+	+	+	+	↓	11.80	102109	↓	17.99/1.65
4625	1038	20.751	36.824	11.94	003	✓	✓	✓	B4625H	—	—	1039	Profile
4626	1039	20.752	36.824	11.94	004	✓	✓	✓	B4626H	12.13	104449	—	20.55/4.22
↓	+	+	+	+	+	+	+	+	B4626C	12.13	104607	↓	19.37/3.04
4627	1117	20.763	36.828	12.24	005	✓	✓	✓	B4627H	12.72	112144	1133	20.36/4.03
↓	+	+	+	+	+	+	+	+	B4627L	12.72	111957	↓	20.36/4.02
4628	1134	20.762	36.833	12.24	006	✓	✓	✓	B4628H	12.79	113852	1140	20.46/4.12
↓	+	+	+	+	+	+	+	+	↓	12.79	114026	↓*3	20.64/4.30
4629	1144	20.762	36.839	12.31	007	✓	✓	✓	—	—	—	1145	Profile
4630	1147	20.764	36.841	12.07	008	✓	✓	✓	B4630H	12.45	115043	1204	22.30/4.94
↓	+	+	+	+	+	+	+	+	↓	12.46	114905	↓	22.18/5.84
4631	1205	20.765	36.842	12.23	009	✓	✓	✓	B4631H	12.54	120839	1220	21.78/5.44
↓	+	+	+	+	+	+	+	+	B4631C	12.55	120934	↓	21.82/5.49

COMMENTS #1 1014 2 Boats came by (2) B8 wakes

#2 was in west? (moved) Due to High TSS

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