

Profiler Deployment Setup

Date 4/8/12

Location

☐ Gloucester Pt

☒ Claybank

☐ other _____

Profiler

☐ R.O.S.E.

☐ lil ROSE

Deployment 4/30/12
(finally!)

ADV (SONTEK)

✓ V20361 (MAA's ADV)

cmab 55 cmab

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)

✓ 11400740 (ET 1417)

cmab 38.5 cmab

Sensor

☐ 03H1988 (V17937)

☐ 03K0492 (V??008)

☐ 07B1391 (V20490)

Brand New! USED 1ST
Time in Dec

Calibration date 12/13/11

☒ conductivity

☒ pressure

☒ turbidity

LISST 100X (Sequioa)

Sensor

☐ 1075 (V14726)

☐ 1185 (V18917)

☐ 1232 (V20536)

☒ 1239 (V20609)

cmab 39

OBS

☐ 1675 (V16608)

☐ 1812 (V16965)

☐ 11315 (V20774)

cmab 36

Calibration date 4/8/12 zscat name ZSC 120408-1239

PUMP INTAKE

cmab * -37 cmab
-30 cmab

ADCP (RDI 1200 kHz)

Sensor

☒ 602 (V)

cmab _____

EST.

4/18/2012

CALIBRATION cruise B&Kt Flood

ON BOARD: K/V ELIS OLSSON Capt. Clayton
Reisman, crew Grace Cantwell

WIND HAS BEEN Blowing Down-Current!
for over a week shifted NE today
(I hope!) ~10-20 mph. gonna try.

Station 4993-

NO GO Too windy!

Waves too large on
left side of lake. Wind blowing
from right (look up down)

temp 21.55°C

4/30/12

Calibration Cruise BURT EBB

ON BOARD R/V ELS OLSON capt Wayne
Nelson Area Grace East night

Beautiful Day! Got sloppy
towards end.

Stations 4998-5014

(Note: unsure of where to start so skipped)
4996-4997 - - - just in case!

120430

BACT EBS

30

Cruise Clay Bank

120418

April 18, 2012

Date

ADCP 41120430

Station	start time	latitude	longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	CTD Sample Depth	CTD sample time	End Time	Commer
4998	0542	20.4620	37.4940	6.3	000	✓	✓	✓	B4998	5.17	054510		Pushed
↓	↓	↓	↓	↓	↓	↓	↓	↓	M4998	2.98	055022		↓
4999	0550	20.4625	37.4921	6.27	001	✓	✓	✓	T4998	1.05	055254		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	B4999H	6.05	055419		Bottom
5000	6.17	20.4631	37.4900	6.24	002	✓	✓	✓	B4999L	6.05	055730		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5000L	6.00	061933		Bottom
5001	6.47	20.4645	37.4917	6.15	003	✓	✓	✓	B5000H	6.00	062047		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5001	5.10	064912		Pushed
5002	7.00	20.4616	37.4916	6.01	004	✓	✓	✓	M5001	3.52	065216		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5001	0.90	065344		Bottom
5003	7.28	20.4521	37.4936	5.88	005	✓	✓	✓	B5002H	5.83	70541		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5002L	5.83	70529		↓
5004	7.51	20.4521	37.4911	5.90	006	✓	✓	✓	B5003L	5.58	73037		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5003H	5.58	73031		↓
5005	8.04	20.4545	37.4801	5.70	007	✓	✓	✓	B5004	5.34	75259		Pushed
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5004	4.05	75257		↓
5006	8.17	20.4545	37.4801	5.70	007	✓	✓	✓	T5004	0.97	80013		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5005H	5.64	80045		↓
5007	8.31	20.4545	37.4801	5.70	008	✓	✓	✓	B5005L	5.64	80810		↓

COMMENTS

Beautiful "CALM" Day! Windy 0-4!

A picked up wind shifting as evening & 0-4.

Cruise Clay Bank 120430

Date 4/30/12

(2)

Station	start time	37° latitude	-76° longitude	total depth	ADCP filename	CTD	LISST	ADV	TSS sample	Sample Depth	sample time	End Time	Commer
5006	828	20.4527	37.4807	5.80	008	✓	✓	✓	B5006L	5.00	083218		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5006H	5.60	083438		↓
5007	908	20.4541	37.4775	5.85	009	✓	✓	✓	B5007	5.10	091212		Profile (5)
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5007	3.04	091708		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5007	2.29	091820		↓
5008	922	20.4549	37.4766	5.79	010	✓	✓	✓	B5008H	5.60	92516		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5008L	5.60	92640		↓
5009	938	20.4541	37.4776	5.74	011	✓	✓	✓	B5009L	5.60	94108		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5009H	5.60	94232		↓
5010	940	20.4540	37.4785	5.79	012	✓	✓	✓	B5010	5.21	95312		Profile (6)
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5010	3.45	95543		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5010	0.77	95857		↓
5011	1002	20.4547	37.4702	5.75	013	✓	✓	✓	B5011H	5.51	100642		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5011L	5.51	100944		↓
5012	1022	20.4546	37.4718	5.74	014	✓	✓	✓	B5012L	5.42	102509		Bottom
↓	↓	↓	↓	↓	↓	↓	↓	↓	B5012H	5.43	102629		↓
5013	1048	20.4521	37.4767	5.76	016	✓	✓	✓	B5013	5.06	105000		Profile (7)
↓	↓	↓	↓	↓	↓	↓	↓	↓	M5013	2.49	105316		↓
↓	↓	↓	↓	↓	↓	↓	↓	↓	T5013	1.19	105456		↓
No Bottom - getting too close to bank													

COMMENTS

* Wind picking up ... Blowing up stream

015 - asked to wait for boat to swing around

Cruise 40120430

Date 4/30/12

3

[illegible]

~ 1323
COMMENTS

COMMENTS ADCP Transect across channel at Coleman
Bridge (4210961023)

24 - BOAT BAS