

7-5-16

Testing the devit on board the RV Heron.
Captain Danielle Tarpley with Jessie Turner
and Cristen Wright as crew.

7-6-16

Sediment cruise for SERDP ~~for~~ mud site
in the Pamunkey on board the RV Heron.
Captain Danielle Tarpley with Jessie Turner
and Cristen Wright as crew. Slack after
ebb.

Lat. 37.5672°N

Salinity 0.12

Long. -76.8561°W

Depth -4.29 m

Harry 0920 EDT DST

55669

0925 EDT

GUST

~~WIND~~ GSA

55670

0939

GUST

GSA

55671

0952

XRay

MS

S 5672

10 01 EDT

XRay
MS

S 5673 water

S 5674
GUST

1016 DST

Harry

1026

EDT / DST

Lat 37.5641 °N

Long -76.8502 °W

Depth 0.25 m

did
not
sample

Lat 37.5290

Lon -76.8490

Depth 4.46 m

Salinity 0.72 avg.
0.92 max

Harry

10 41

S 5675 water sample

Harry

1057

Lat 37.5475

Lon -76.8177

Depth 3.66 m

Salinity 2.38 avg
2.57 max

S 5675 also GSA top 2 cm

11:01

Harry (CTD)

1123 EDT

37.5470° N
-76.8173° W

Depth: 4.16 m
Salinity: 2.82 ave
3.16 max

★ ★ sea aft 7-14-16 entry for Elis Olsson
log for 7-6-16

7-14-16

Sediment cruise for SERDP sand site
at Clay Bank on board the RV Heron.
Captain Danielle Tarpley with Jessie Turner
and Cristin Wright as crew. Slack after
flood.

~~S5678~~^{aw}

Harry
37.3762 Lat
-76.6413 Lon
4.12 m depth
15.18 average salinity

7:36 EDT

S5678
~~GUST~~ST
GSA

8:20

S 5679

8:28

XRAY
GSA

S 5680

8:59 DST

GUST (added water to top)
XRAY

S 5681 Water samples 8:58

Bottom 3.5 m 9:00

S 5682 9:07 Middle 2 m 9:05

MS (added water to top) Surface 1 m 9:05

★ ★ No more samples Due to oxide interference

Harry	37.3757	5.53 m	13.35 min
	- 76.6411		18.02 min
			15.88 avg

7/12/20 SEND EMI cruise

ON BOARD Elis Olsson, Capt Wayne Nelson
Crew Grace Massey, Kelsey Hall + Dan Steinhurst
Grace had to go to ER for 5 stitches in right middle finger aft accident. ~~the~~ cruise last w/ohm

2 sites in Pa-only (~ 0.12 PPT)

S 5676 - ADCP - YK 160706
~~the~~ Hobo water sensor YK 160706

^{Down} ^{up} ^{of} ^{west} ^{PT} → S 5677 - ADCP - YK 160706
(sal ~ 2.9 ppt) Hobo water sensor - YK 160706