

8/3/18

YR180803

VT/SERDP

Cruise on R/V Heron with Danielle Tarpley as captain and Grace Massey, Emily Muhlitz, Ryan Moore, Dennis Kiptoo, Matt Florence as crew. On site @ 10:35 EDT. Site at shell hash/silty with some shell @ near coast guard base

6725

CTD

10:38 EDT

lat: 37.2228 N

temp: 27.30 °C

long: -76.4686 W

avg. salin 15.40

depth: 4.06 m

min salin 15.24

max salin 15.75

6726

Gravity core
blowout

10:46 EDT

6727

Gravity core
blowout

10:51 EDT

6728

Box core
blowout shell

11:04 EDT

6729

Box core
blowout shell

11:06 EDT

* moved back 2m on anchor

6730

ADCP @ anchor

11:21 EDT

YR180803-000

6731 Boxcore 11:23 EDT
blowout

moved back 4m on anchor

Moved to new locate - - too much shell Hash!!

6732 CTD 11:41 EDT
lat: 37.2222°N temp: 22.9°C
long: -76.4694°W avg. salin: 15.35
depth: 4.11m min salin: 15.27
max salin: 15.68

6733 ADCP @ anchor 11:41 EDT
YR180803-001

6734 Box core 11:45 EDT
surface grab in container

6735 Box core 11:47 EDT
Gust

6736 Boxcore 11:57 EDT
blowout

6737 Box core 11:59 EDT
blowout

Moved back on anchor 1 m

6738 Box core 12:03 EDT
Xray

6739 Box core 12:10 EDT
Gust

sediment in box for dennis (ziplock bag)

6740 Box core 12:26 EDT
grain size

6741 Box core 12:37 EDT
blowout

6742 Box core 12:39 EDT
dropped xray

6743 ADCP 12:43 EDT
YR180803-002

6744 Box core 12:44 EDT
xray

6745 Box core 12:50 EDT
grain size

6746

Box core

1:07 EDT

EH didn't work b/c shell

6747

Box core

1:11 EDT

EH

6748

Box core

1:16 EDT

EH

6749

Site water (VT 2L and 3 carboys)

1:22 EDT

6750

CTD

1:42 EDT

37.2221

temp. ^{avg} 27.46

-76.4694

Sal avg ~~26.16~~ 15.98

depth 4.41 m

max 16.38

min 15.37

6751

ADCP transects

↓

YR180803_003 - 008

6750