

Acropak-200 Cast Sheet**FULL STATION**

Station # Station 20
Deep, Mid, Shallow, Mid
Cast # Cast 8
Event # 41263
Date 11/25/13
ODF Salinity Box F
ODF Nutrients Rack green

Sampling Order

ODF Salinity 250 mL
ODF Nutrients 30 mL
~~Resins - Unfilt.~~
Resing - Al 100 mL
Resing - Mn 100 mL
Saito, CO no headspace 2 x 60mL
Shiller - Ga 125 mL
~~Moffett - Fe(II) 30 mL~~
Sedwick - dFe 2 x 125mL
Barbeau - Cu sp freeze 450 mL
Buck - Fe sp freeze 450 mL
Bruland - metals 500 mL
Wu - metals 500 mL
Wu - colloids 500 mL
~~Flegal - Pb shallow 1000 mL~~
Boyle - Pb mid/deep 2000 mL
~~John - isos shallow 4000 mL~~
John - isos mid/deep 1000 mL
Cutter - As/Sb 1 x 250 mL

Geotraces 8743

Acropak: Brad
Sampler: CZ
Depth: 2450
Caro Pos: 1
Btl #: 1
Notes:

Geotraces 8745

Acropak: Brad
Sampler: CZ
Depth: 2400
Caro Pos: 3
Btl #: 3
Notes:

Geotraces 8747

Acropak: Brad
Sampler: CZ
Depth: 2350
Caro Pos: 5
Btl #: 5
Notes:

Geotraces 8749

Acropak: Brad
Sampler: CZ
Depth: 2300
Caro Pos: 7
Btl #: 7
Notes:

Geotraces 8751

Acropak: Brad
Sampler: CZ
Depth: 2250
Caro Pos: 9
Btl #: 11
Notes:

Geotraces 8753

Acropak: Brad
Sampler: CZ
Depth: 2200
Caro Pos: 11
Btl #: 13
Notes:

Geotraces 8755

Acropak: Angelina
Sampler: CP
Depth: 2100
Caro Pos: 13
Btl #: 19
Notes:

Geotraces 8757

Acropak: Angelina
Sampler: CP
Depth: 2000
Caro Pos: 15
Btl #: 21
Notes:

Geotraces 8759

Acropak: Angelina
Sampler: CP
Depth: 1750
Caro Pos: 17
Btl #: 29
Notes:

Geotraces 8761

Acropak: Angelina
Sampler: CP
Depth: 1500
Caro Pos: 19
Btl #: 31
Notes:

Geotraces 8763

Acropak: Angelina
Sampler: CP
Depth: 1250
Caro Pos: 21
Btl #: 33
Notes:

Geotraces 8765

Acropak: Angelina
Sampler: CP
Depth: 1000
Caro Pos: 23
Btl #: 37
Notes:

Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/25/13
 UTC Start: 102
 UTC End: 305

Station/Cast: Station 20 Cast 8			GT Event #: 4263			11/25/13			UTC End: 305				
Shallow/Mid/Deep (circle one)			Nuts Rack: green			Samplers: LR/RS/SR			Notes:				
Salts Rack: F													
Geotraces #:	Geotraces 8744	Geotraces 8746	Geotraces 8748	Geotraces 8750	Geotraces 8752	Geotraces 8754	Geotraces 8756	Geotraces 8758	Geotraces 8760	Geotraces 8762	Geotraces 8764	Geotraces 8766	
GoFlo Number:	2	4	6	8	10	16	18	24	26	28	30	36	
Depth (m):	2450	2400	2350	2300	2250	2200	2100	2000	1750	1500	1250	1000	
Filter Holder #:	23	22	21	20	19	18	17	16	4	3	2	1	
Filter diameter:	25mm	→											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24	

Filtered Volume (L)

Waste:	3.70	8.16	7.92	8.25	3.77	7.53	8.00	8.38	8.02	8.10	8.25	8.20
Drawn:	6.65	2.25	2.25	2.25	6.65	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Total:	10.35	10.41	10.17	10.50	10.42	9.78	10.25	10.63	10.27	10.35	10.50	10.45
Start Time:	345	346	347	349	351	352	351	349	348	346	345	345
End Time:	538	541	536	538	541	530	534	538	531	527	529	532

• Supor Membrane 0.45 µm

Sampling Order:	
Redox:	
Pressurize	
Cutter (S)	2 x 60mL (Syr.)
Cutter (I)	2 x 60mL (Syr.)
Moffett(Fe)	2 x 60mL (Syr.)
Unfiltered:	
ODF Nuts	1 x 30mL
ODF Salts	1 x 250mL
Shake	
Twining-Surface	1 x 2000mL
Twining-DCM	1 x 250mL
Part. Membrane:	
Hammerschmidt (Hg)	1 x 2000mL
Lamborg (T. Hg)	1 x 250mL
Cutter (Nnuts)	1 x 125mL
Cutter (As/Sb)	1 x 250mL
on Aeropak side	
Cutter (Se)	1 x 1190mL

Notes: **All filtered volume is 3.815L

* Cross Flow = 8744
 Filtration # 8752