

**Acropak-200 Cast Sheet**

**FULL STATION**

Station # Station 17  
 Deep, Mid, Shallow, Deep  
 Cast # Cast 1  
 Event # 4212  
 Date 11/18/13  
 ODF Salinity Box \_\_\_\_\_  
 ODF Nutrients Rack \_\_\_\_\_

**Sampling Order**

ODF Salinity	250 mL
ODF Nutrients	30 mL
Resins Unsalt	
Resing - Al	100 mL
Resing - Mn	100 mL
Saito, CO no headspace	2 x 60mL
Shiller - Ga	125 mL
<del>Moffett - Fe(II)</del>	<del>30 mL</del>
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
<del>Flegal - Pb shallow</del>	<del>1000 mL</del>
<del>Boyle - Pb mid/deep</del>	<del>2000 mL</del>
<del>John - isos shallow</del>	<del>4000 mL</del>
<del>John - isos mid/deep</del>	<del>1000 mL</del>
Boyle - Pb (mid/dep)	200ml
John - isos. (mid/dep)	1000ml
- Outer Sb/As	250ml

\* Mr. Burns is Broken !!  
 will throw Away  
 after this cast

**Geotraces 8254**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3685  
 Caro Pos: 1  
 Btl #: 39  
 Notes:

**Geotraces 8256**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3675  
 Caro Pos: 3  
 Btl #: 41  
 Notes:

**Geotraces 8258**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3650  
 Caro Pos: 5  
 Btl #: 45  
 Notes:

**Geotraces 8260**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3600  
 Caro Pos: 7  
 Btl #: 47  
 Notes:

**Geotraces 8262**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3400  
 Caro Pos: 9  
 Btl #: 49  
 Notes:

**Geotraces 8264**

Acropak: Maggie  
 Sampler: CZ  
 Depth: 3200  
 Caro Pos: 11  
 Btl #: 51  
 Notes:

**Geotraces 8266**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 3000  
 Caro Pos: 13  
 Btl #: 15  
 Notes:

**Geotraces 8268**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 2900  
 Caro Pos: 15  
 Btl #: 17  
 Notes:

**Geotraces 8270**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 2800  
 Caro Pos: 17  
 Btl #: 27  
 Notes:

**Geotraces 8272**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 2700  
 Caro Pos: 19  
 Btl #: 9  
 Notes:

**Geotraces 8274**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 2600  
 Caro Pos: 21  
 Btl #: 34  
 Notes:

**Geotraces 8276**

Acropak: Mr. Burns  
 Sampler: CP  
 Depth: 2500  
 Caro Pos: 23  
 Btl #: 35  
 Notes:

# Geotraces R/V Thompson Membrane Sample Log

Sample Date: 11/18/13  
 UTC Start: 2108  
 UTC End: 2358

Station/Cast: Station 17 Cast 1	GT Event #: 4212					Samplers: LR/RS/1SR			Notes:			
Shallow/Mid/Deep (circle one)	Nuts Rack: green					Salt Rack: G						
Geotraces #:	Geotraces 8255	Geotraces 8257	Geotraces 8259	Geotraces 8261	Geotraces 8263	Geotraces 8265	Geotraces 8267	Geotraces 8269	Geotraces 8271	Geotraces 8273	Geotraces 8275	Geotraces 8277
GoFlo Number:	12	14	20	22	32	38	40	42	44	46	48	50
Depth (m):	3655	3675	3650	3600	3100	3200	3000	2900	2800	2700	2600	2500
Filter Holder #:	1	2	3	4	5	6	7	8	9	10	11	12
Filter diameter:	25mm											
Position #:	2	4	6	8	10	12	14	16	18	20	22	24

## Filtered Volume (L)

Waste:	7.00	7.21	7.45	7.45	7.14	7.36	7.62	7.50	7.72	6.18	7.29	7.76
Drawn:	2.25	2.25	2.25	2.50	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Total:	9.25	9.46	9.70	9.95	9.39	10.01	9.87	9.75	9.97	8.43	9.54	10.01
Start Time:	0119	0118	0117	0116	0114	0113	0112	0118	0103	0101	0059	0058
End Time:	319	319	304	<del>307</del> 314	307	251	312	0302	249 late	0301	249 late	249 late

Supor Membrane 0.45 µm

Notes: \*\*All filtered volume is ~~3.815L~~ 2.25L

# 8261 had 250mL A3 sample also

Taken on Aeropak side

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
Cutter (Se)	1 x 1190mL