

Station Info: GEO1 Event #: 58 Page ___ of ___
 Date: 13 Apr 2024 Cruise: 2024-004 SSBP

0 Time Sampled	Sample #	Label	Depth		
CBAnt	182		350	Note	temp from CTD cast for Time 0
	183		250		spike from 46
	184		150		
	185		50		
	186		20	Time Start:	15:38
	187		10	Time End:	15:42
	188		5		

0 Time Sampled	Sample #	Rep A			
Spiked	Time Start:	15:48	Incubator Temperature:	9.8	
	Time End:	15:54	Notes		

1 Time Sampled	Sample #	Rep B			
3 hrs after (-ish)	Time Start:	18:33	Incubator Temperature:	9.9	
	Time End:	18:38	Notes		

2 Time Sampled	Sample #	Rep C			
6 hr sample	Time Start:	21:36	Incubator Temperature:	10.1	
	Time End:	21:43	Notes		

3 Time Sampled	Sample #	Rep D			
12 hr sample	Time Start:	03:30	Incubator Temperature:	10.1	
	Time End:	03:36	Notes		

4 Time Sampled	Sample #	Rep E			
18 hr sample	Time Start:	09:57	Incubator Temperature:	10.1	
	Time End:	10:03	Notes		

5 Time Sampled	Sample #	Rep F			
24 hr sample	Time Start:	15:45	Incubator Temperature:	10.7	
	Time End:	15:52	Notes		

188
Chito
GEO1
2024-004
5 m
bot 7

187
Chito
GEO1
2024-004
10 m
bot 6

186
Chito
GEO1
2024-004
20 m
bot 5

185
Chito
GEO1
2024-004
50 m
bot 4

184
Chito
GEO1
2024-004
150 m
bot 3

183
Chito
GEO1
2024-004
250 m
bot 2

182
Chito
GEO1
2024-004
350 m
bot 1

Station Info: 42 Event: 49 Page 1 of 1
 Date: April 13, 24 Cruise: 2024-004 SSBP

0 Time Sampled	Sample #	Label	Depth	Note
CBA _{Anat}	150	CBA _{Anat}	250	temp from CTD cast for Time 0
	153		150	
	157		50	
	160		20	
	161		10	Time Start: 06:43
	162		5	Time End: 06:50

0 Time Sampled	Sample #	Rep A
Spiked 06:53	Time Start:	06:54
	Time End:	07:01
	Incubator Temperature:	9.5°
	Notes	

1 Time Sampled	Sample #	Rep B
3 hrs after (-ish)	Time Start:	10:09
	Time End:	10:14
	Incubator Temperature:	9.8
	Notes	

2 Time Sampled	Sample #	Rep C
6 hr sample	Time Start:	12:46
	Time End:	12:49
	Incubator Temperature:	9.8
	Notes	

3 Time Sampled	Sample #	Rep D
12 hr sample	Time Start:	18:51
	Time End:	18:56
	Incubator Temperature:	10.0
	Notes	

4 Time Sampled	Sample #	Rep E
18 hr sample	Time Start:	01:25
	Time End:	01:30
	Incubator Temperature:	10.1
	Notes	

5 Time Sampled	Sample #	Rep F
24 hr sample	Time Start:	06:55
	Time End:	06:59
	Incubator Temperature:	10.1
	Notes	

162
Chito
42
2024-004
5 m
bot 15

161
Chito
42
2024-004
10 m
bot 14

160
Chito
42
2024-004
20 m
bot 13

157
Chito
42
2024-004
50 m
bot 10

153
Chito
42
2024-004
150 m
bot 6

150
Chito
42
2024-004
250 m
bot 3

Station Info: 12 Event: 81 Page ___ of ___

Date: Apr. 14, 24 Cruise: 2024-004 SSBP

0 Time Sampled	Sample #	Label	Depth	Note
CBAnt	265		300	temp from CTD cast for Time 0
	266		250	spike from CPT2
	269		150	
	273		50	
	276		20	Time Start: 1333
	277		10	Time End: 1339
	278		5	

0 Time Sampled	Sample #	Rep A
Spiked	Time Start: 1342	Incubator Temperature: 10.6
	Time End: 1348	Notes

1 Time Sampled	Sample #	Rep B
3 hrs after (-ish)	Time Start: 16:26	Incubator Temperature: 10.8
	Time End: 16:33	Notes

2 Time Sampled	Sample #	Rep C
6 hr sample	Time Start: 19:46	Incubator Temperature: 10.6
	Time End: 19:52	Notes

3 Time Sampled	Sample #	Rep D
12 hr sample	Time Start: 01:40	Incubator Temperature: 10.5
	Time End: 01:46	Notes

4 Time Sampled	Sample #	Rep E
18 hr sample	Time Start: 7:35	Incubator Temperature: 10.2
	Time End: 7:42	Notes

5 Time Sampled	Sample #	Rep F
24 hr sample	Time Start: 15:22	Incubator Temperature: 10.6
	Time End: 15:28	Notes

278
Chito
12
2024-004
5 m
bot 15

277
Chito
12
2024-004
10 m
bot 14

276
Chito
12
2024-004
20 m
bot 13

273
Chito
12
2024-004
50 m
bot 10

266
Chito
12
2024-004
250 m
bot 3

269
Chito
12
2024-004
150 m
bot 6

265
Chito
12
2024-004
300 m
bot 2



2024-004

Date

Please place FLC stickers here after running and record any notes.

- For deep FLC's @ chito stations plz record the volume that was filtered for absorbance samples :- Thank you!!

16
FLC
SC04
2024-004
0 m
bot 4

run by
PL

31
FLC
59
2024-004
0 m
bot 15

109
FLC
63
2024-004
0 m
bot 4

164
FLC
42
2024-004
0 m
bot 17

162
FLC
42
2024-004
5 m
bot 15

started
07:33

161
FLC
42
2024-004
10 m
bot 14

started
08:06

160
FLC
42
2024-004
20 m
bot 13

Started
8:42

~~forgot
to name it~~
Also named
Sample 161
Stn. 42 depth 15 m
→ edited after acquisition
(details) complete :-

For Station 42, after
20ml syringed into synt.
vials, the remainder of the
sample was filtered.

189
FLC
GEO1
2024-004
0 m
bot 8

200ml

188
FLC
GEO1
2024-004
5 m
bot 7

200ml

187
FLC
GEO1
2024-004
10 m
bot 6

187 Abs = 200 mL

186
FLC
GEO1
2024-004
20 m
bot 5

186 = 400
mL

2024-004

cont

Date 13 Apr 2024

206

FLC

27

2024-004

0 m

bot 17

222

FLC

2

2024-004

0 m

bot 16

run by
F.L.

280

FLC

12

2024-004

0 m

bot 17

278

FLC

12

2024-004

5 m

bot 15

277

FLC

12

2024-004

10 m

bot 14

276

FLC

12

2024-004

20 m

bot 13

all 5th 12 ABS samples full bottles - 20 mL

15 Apr. 2024

328

FLC

22

2024-004

0 m

bot 4

2024-004 SSBPS 16 Apr 2024 YELLOW SET

sample 135 stn 56 - piece of jelly-bits on filter

145A

CHL

46

2024-004

10 m

bot 10

← sample not collected

Biotoxin Filtration Record Sheet

Cruise: 2024-004

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Date	Sample #	Station	Volume filtered (mL)	Filtration Start Time (PST)	Filtration Finish Time (PST)	Initials	Comments/ Colour
10-APR-24	16B/B	5C04	1000	19:05	19:11		S: LIGHT GREEN/YELLOW
"	16C/D	"					G → NOT ENOUGH WATER (ONLY ONE MISKIN AT OM)
"	16	"	1040	19:19	19:31		DA: LIGHT GREEN/YELLOW
"	31	59	1040	22:50	23:02		DA: LIGHT GREEN/YELLOW
"	31A/B	"	1000	23:05	23:10		S: VERY PALE YELLOW
"	31C/D	"	1000	23:14	23:18		C: — " —
11 APR 24	44	102	1000	09:48	09:55	FL	S: brown, lots
"	72	72	1040	19:02	19:12		DA: DEEP GREEN
"	72A/B	"	1000	19:14	19:20		S: PALE YELLOW
"	72C/D	"	1000	19:22	19:30		C: — " —
DA → 12 APR 24	adcp	95	1040	03:17	03:24	FL	S:
"	95A/B	adcp	1000	02:20	03:26	FL	S: light brown
"	109A/B	63	1000	09:23	09:28	FL	S: " "
135	135	56	1040	18:15	18:22		DA: LIGHT BROWN
"	135A/B	"	1,000	18:15	18:19		S: PALE YELLOW
"	135C/D	"	"	18:22	18:27		C: — " —
DA 13 Apr	164	42	1040	0720	0732	SW	DA:
13 Apr	164	42	1050	0722	0731	SW	S: pale yellow
"	189	GE01	1,040	15:35	15:46		DA: DARK YELLOW
"	189A/B	"	1,000	15:48	15:56		S: — " — 1 BROWN
"	" C/D	"	"	16:03	16:11		C: — " —
"	206	27	1,040	18:25	18:41		DA: colour 3
"	206A/B	"	1,000	18:41	18:46		S: DARK YELLOW/1 BROWN
"	206C/D	"	"	18:50	18:57		C: — " —
DA 14 Apr	222	2	1040	00:43	00:52	FL	/

* Please specify C or S under comments
C = Cleaned Bottle
S = Sterile Bottle

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BA

C = Cleaned B-Hle
S = Sterile Bottle

HPLC Filtration Log

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Date	Sample #	Station	Volume mL	Filter time start	Filter time end	Colour (1-4)	Comments
10 Apr	12A	51	626	18:30	18:36	2	
"	12B	1	1	1	"	2	
"	16A	504	1985	19:01	19:10	2	
"	" B	"	"	"	"	2	
"	31A	59	1985	20 :50	20 :58	2	
"	" B	"	"	"	"	2	
10 Apr	44A	102	626	09:43	09:45	2	
11 Apr	44B	102	626	09:43	09:45	2	
"	58A	75	626	13:45	13:48	1	
"	58B	"	"	"	"	1	
"	72A	72	626	19:02	19:05	1	
"	72B	"	"	"	"	1	
"	84A	69	626	10:46	10:49	1	
"	84B	"	"	"	"	1	
12 Apr.	95A	adcp	1985	03:16	03:21	1	
"	B	"	"	" "	" "	1	

HPLC Filtration Log

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Date	Sample #	Station	Volume mL	Filter time start	Filter time end	Colour (1-4)	Comments
Apr. 12, 24	105A	65	1985 1985	07:11	07:15	1	
" "	105B	"	1985	"	" "	1	
12 Apr 24	109A	63	1985	09:13	09:19	2	
↓	B	63	1985	09:13	09:19	2	
↓	120A	62	1985	10:44	10:55	1	
↓	B	62	1985	10:44	10:51	1	
"		56	1985				
"		"	"				
"	135A	56	1985	18:15	18:22		
↓	B	↓	↓	↓	↓		
"	147A	46	1985	23:36	23:44	2	
"	" B	"	1985	23:36	23:44	2	
13 Apr	164A	42	1985	07:07	07:16	2	loss of 10ml of sample.
↓	B	42	1985	07:07	07:16	2	
"	181A	39	1985	12:28	12:37	1	
"	" B	39	1985	12:28	12:36	1	

HPLC Filtration Log

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Date	Sample #	Station	Volume mL	Filter time start	Filter time end	Colour (1-4)	Comments
13-APR-24	189A	GE01	626	15:36	15:39	2	
"	" B	"	"	15:36	15:39	2	
"	206A	27	"	18:26	18:29	1	
"	" B	"	"	18:26	18:29	1	
14-APR-24	222A	2	1040	00:40	00:44	2 1	
"	B	"	"	"	"	1	
"	238A	3	1985	2:00	2:08	1	
"	B	"	"	2:00	"	1	
"	251A	6	1985	05:41	05:48	1	
"	B	"	"	"	"	1	
↓	263A	9	1985	08:50	9:00	1	
↓	B	"	"	"	9:03	1	
"	280A	12	1985	13:24	13:33	1	VERY PALE YELLOW
"	" B	12	"	13:24	13:32	1	— " —
"	291A	16	1985	15:47	15:53	1	PALE YELLOW
"	" B	16	"	15:47	15:53	1	— " —

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[illegible]

2024-004

TSK = 7129

STN	TOW D	STN D	START	END	L
SC04	89	99	74520	75160	0
59	225	235	75160	77723	10°
X 72	209	191	76724	79212	30°
72	200	191	79212	80965	25°
63	150	160	80965	81954	0
GT-01	55	65	81970	82340	5°
46	175	185	82515	83924	20°
42	315		83925	86310	14
38	300		87030	91085	30
40	138 ^{out} _{wire}	155	92090	91085	20
GE01	393	403	92090	94541	5°
28	128	138	94540	95401	5°
CPF1	238	248	95402	96965	5°
CPF2	319	329	96965	99375	30
12	347	357	99372	101518	0°
QU39	264	274	1519	3135	0°
14	308	318	3135	05060	5°
22	344		5060	7145	0
24	417		7145	10675	0