

Cruise: BR21A Bloom A61306			Leg: 1		Cast: GF291a C2, hex			Type: M10 + MW + Trace Comp. Lab (Buch)										
Date: 2013 03 27		Time: 2145		Lat: 31°40.2755 N		Long: 064°10.0630 W		Samplers: SAM STEVE MATT JO TYLER (BUCK)										
Date: 2013 03 27		Time: 2305		Lat: 31°39.9765 W		Long: 064°11.5061 W												
Niskin #	Depth	Niskin temp	Oxygens	DIC Bates	DIC Keeling	TOC/N	Sugars	Salts	Nuts	TDP / SRP / ARA	Bact.	Virus / Probes	POC/N vol = 3L	Psi vol = 2L	POP vol = 4L	HP/EC/FCM vol =	EMA Trace method	HPLC cert for each
					BACT. DNA											CDOM		
1	1				1													
2	10																	
3	15																	1
4	20																	
5	40				2													2
6	60																	
7	80				3													
8	100																	
9	120				4													
10	140																	
11	160				5													
12	200				6													
13	250				7													
14	300	17.8	201 207 208	13	7	13	10	201	13 AB	13	13	PG						
15	300				8								13	13	13			
16	300																	3
17	400	17.3	202 209 210	14		14		202	14 AB	14	14							
18	400												14	14	14			
19	500	16.6	203 8	15		15		203	15 AB	15								
20	500												15	15	15			
21	500																	4
22	800	12.8	204 209 210					204										
23	1000	11.6	205					205										
24	1200	10.2	206 211 212					206										

P25:66
Gaiter

HPLC cert for each

1
2

Cruise: B291A Bloom AE1706			Leg: 1		Cast: GF291A C1. hex			Type: SHALLOW CORE										
Date: 20130327			Time: 1732		Lat: 31°39.5874N		Long: 064°10.4744W		Samplers: SAM STEVE MATT JO									
Date: 20130327			Time: 1905		Lat: 31°38.602 N		Long: 064°11.652 W											
Niskin #	Depth	Niskin temp	Oxygens	DIC Bates	DIC Keeling	TOC/N	Sugars	Salts	Nuts A+B	TDP / SRP / WPA	Bact.	Virus/ Probes	POC/N vol = 2L	Psi vol = 2L	POP vol = 4L	HPLC/FCM vol = 4L	ChIA	
1	1	18.7	101 115 116	1, 1R		1	1	101	1	1						1		
2	1										1	P1	1	1	1			
3	10	18.6	103	2		2		102	2	2	2		~	2	2	2*	only 3L	
4	10										2							
5	20	18.6	104	3		3		103	3	3			3	3	3			
6	20										3		3	3	3			
7	40	18.5	105	4, 4R		4	2	104	4	4			3	3	3			
8	40										4	P2	4	4	4			
9	60	18.4	106	5		5	3	105	5	5			5	5	5			
10	60										5		5	5	5			
11	80	18.4	107	6		6	4	106	6	6			6	6	6			
12	80										6	P3	6	6	6			
13	100	18.3	108	7		7	5	107	7	7			7	7	7			
14	100										7		7	7	7			
15	120	18.3	110	8		8		108	8	8			8	8	8			
16	120										8	P4	8	8	8			
17	140	18.3	111 118 119	9		9	6	109	9	9			9	9	9			
18	140										9		9	9	9			
19	160	18.2	112	10		10	7	110	10	10			10	10	10			
20	160										10	P5	10	10	10			
21	200	18.2	113	11		11	8	111	11	11			11	11	11			
22	200										11	P6	11	11	11			
23	250	18.1	114 120 121	12, 12R		12	9	112	12	12			* 12	12	12			
24	250										12	P7						

* four litres filtered