Surface Water Sampling Log Form

CM252 R/V Hos Davis Cruise 1

Date: 08/14/2010 - Sampling Equipment Type: High Volume Filtration

	Station ID	(m) depth	pump start (h:min)	pump stop (h:min)	pump time (h:min)	pump rate (mL/min)	PSI	filter type (0.45um and 0.7 um)	Number of filter changes	total volume collected (L)	Comments
8/14/10	GU2888-A0814-WF810-H	1088	20:30	20:50	0:20	1.7L/min	5	0.45	Ø	20	This sample was collected at a distinct DO minima peak and will be compared versus the Low Volume Payne filtration Method. 2L tally 𝍸 𝍸 Used 1 0.45 um filter.
	GU2888-A0814-WF810-H										
8/16/10	GU2788-A0816-WF802-H	1267	1337	1356	0:19	1700	5	0.45	Ø	20	Collected from bottles 8/16/10, 15 & 20 2L = 𝍸 𝍸
8/16/10	GU2789-A0816-WF808-H	1075	1858	1938	0:40	1700	9	0.45	Ø	40.8	Collected from bottles 19, 21, 15, 17, 2L tally: 𝍸 𝍸 𝍸 𝍸 Used 1 0.45 um filter.
		~~Ø~~	~~1012~~								
8/17/10	~~GU2789-A0816-WF808~~	~~Ø~~	~~1012~~			~~1700~~	~~8~~	~~0.45~~	~~Ø~~	~~20~~	~~We ran Lab grade DI for our Equipment Rinsate.~~ 8/17/10
	GU2789-A0816-KF8FB-H	Ø	1012	1030	0:18	1700	8	0.45	Ø	20	We ran Lab grade DI H2O for our Equipment Rinsate. I labled it this because the last sample we ran was the one above this entry.
8/18/10	GU2788-A0817-WF805-H	1100	1052	11:09	0:17	1700	7	0.45	Ø	18.4	2L tally - 𝍸 𝍸 We drained two Niskins used 1 x 0.45um filter. The two bottles we #6 and #7.
	GU2788-A0818-WF803-H	1070	1136	1200	0:24	1700	7	0.45	Ø	30.75	Sampling from 15, 21, 19 (4,5,6). 2L tally: 𝍸 𝍸 𝍸
8/19/10	GU2789-A019-WF810-H	1053	1829	1848	0:19	1700	7	0.45	Ø	20	Sampling from (15 and 21) 2L tally: 𝍸 𝍸
8/20/10	GU2789-A020-WF810-H	1024	1922	19:52	0:30	1700	6	0.45	Ø	30	Sampling from bottles (4,5,6) 2L tally 𝍸 𝍸 𝍸
8/21/10	GU2790-A021-WF0803-H	1119	1316	1318	0:02	1700	2	0.45	1	3.	Sampled from bottles (4,5,6) 2L tally = 𝍸 𝍸 𝍸
	GU2790-A021-WF0803-H	1119	1324	1345	0:21	1700	7	0.45	Ø	27.3	Stopped @ 1318 to change filter, pressure dropped due to
	GU2790-A021-WF0803-H				0:23	1700	7	0.44	Ø	30.3	small tear in 0.45um filter, replaced it. total pumped = 30.3L
	" " " "										2 filters 0.45um used.