

**WATER COLUMN PROFILING FOR CMP Va**  
**18/05/2012**

Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	810359.9	822552.2	Mid Ebb	12.0	26.51	23.73	10.0	72.60	5.11	7.88	09:42:24	0.39	48.30
				12.0	26.55	23.53	4.9	73.00	5.14	7.89	09:55:43	0.27	118.40
				12.0	26.55	23.51	3.9	73.10	5.14	7.89	10:09:27	0.04	173.50
				12.0	26.53	23.48	6.4	71.30	5.02	7.88	10:26:13	0.48	233.20
				11.0	26.53	23.65	4.0	73.20	5.15	7.89	09:43:24	0.33	37.00
				11.0	26.56	23.50	6.5	72.70	5.12	7.89	09:56:36	0.20	54.00
				11.0	26.57	23.43	4.3	72.60	5.11	7.89	10:10:31	0.25	82.50
				11.0	26.49	23.35	7.3	69.00	4.86	7.87	10:29:10	0.19	52.50
				10.0	26.54	23.61	3.6	73.90	5.20	7.89	09:44:19	0.33	37.00
				10.0	26.59	23.37	5.8	72.70	5.12	7.89	09:57:32	0.21	78.50
				10.0	26.56	23.26	5.4	71.30	5.02	7.88	10:12:26	0.48	78.60
				10.0	26.5	23.38	6.5	69.60	4.90	7.87	10:31:56	0.23	57.90
				9.0	26.56	23.47	3.1	73.20	5.16	7.89	09:45:32	0.23	97.80
				9.0	26.6	23.18	6.1	72.20	5.09	7.89	09:58:27	0.63	123.70
				9.0	26.56	22.91	5.8	70.40	4.97	7.88	10:13:55	0.50	86.90
				9.0	26.49	23.31	7.2	68.90	4.86	7.87	10:35:04	0.25	103.80
				8.0	26.63	23.18	4.5	73.80	5.19	7.89	09:46:32	0.14	129.20
				8.0	26.61	22.97	7.4	71.70	5.06	7.89	09:59:26	0.37	55.80
				8.0	26.53	22.99	6.6	69.40	4.90	7.88	10:15:52	0.42	89.20
				8.0	26.49	23.22	7.6	68.50	4.83	7.87	10:36:09	0.53	64.70
				7.0	26.65	23.06	5.2	73.70	5.19	7.89	09:47:31	0.47	68.70
				7.0	26.6	22.92	7.8	71.30	5.03	7.89	10:00:31	0.63	90.00
				7.0	26.52	22.95	6.5	69.60	4.92	7.88	10:16:49	0.37	113.00
				7.0	26.5	23.06	6.6	68.20	4.82	7.86	10:37:23	0.12	62.10
				6.0	26.69	22.81	4.5	73.60	5.19	7.89	09:49:03	0.41	100.70
				6.0	26.62	22.58	5.5	71.00	5.02	7.88	10:01:35	0.37	80.80
				6.0	26.51	22.76	7.1	69.10	4.89	7.86	10:18:11	0.66	80.60
				6.0	26.54	22.79	5.6	67.80	4.79	7.86	10:38:39	0.32	81.70
				5.0	26.73	22.36	4.5	73.00	5.15	7.89	09:49:59	0.35	104.90
				5.0	26.67	22.12	4.9	71.80	5.09	7.89	10:02:58	0.69	97.20
				5.0	26.54	22.62	7.2	69.20	4.90	7.86	10:19:13	0.42	98.00
				5.0	26.56	22.72	5.4	67.70	4.79	7.86	10:39:35	0.61	84.60
				4.0	26.73	22.16	4.4	72.30	5.11	7.88	09:50:56	0.52	87.00
Downstream	810359.9	822552.2	Mid Ebb	4.0	26.75	21.54	5.0	73.60	5.22	7.90	10:03:56	0.64	95.30
				4.0	26.59	22.27	7.2	70.30	4.98	7.87	10:20:34	0.65	99.40
				4.0	26.59	22.60	4.8	67.60	4.78	7.86	10:40:30	0.22	130.20
				3.0	26.83	21.09	4.0	74.80	5.31	7.90	09:51:56	0.52	104.50
				3.0	26.95	20.35	5.5	77.70	5.53	7.92	10:04:53	0.73	81.70
				3.0	26.77	21.47	4.9	70.00	4.97	7.86	10:21:30	0.47	57.50
				3.0	26.73	21.87	4.0	68.30	4.84	7.86	10:41:45	0.57	143.80
				2.0	27.22	18.88	3.3	83.00	5.93	7.94	09:52:54	0.67	85.70
				2.0	27.1	19.32	4.7	79.40	5.67	7.92	10:05:51	0.84	83.70
				2.0	27.19	18.98	2.9	75.40	5.38	7.87	10:22:51	0.66	113.90
				2.0	26.85	21.42	3.4	71.60	5.08	7.88	10:42:44	0.68	113.00
				1.0	27.33	18.53	3.0	85.00	6.07	7.94	09:53:54	0.58	89.30
				1.0	27.57	15.60	2.0	88.50	6.40	7.94	10:08:04	0.71	111.20
				1.0	27.48	15.53	1.9	83.20	6.03	7.87	10:24:09	0.46	67.90
				1.0	26.98	20.89	2.9	75.50	5.35	7.90	10:43:43	0.31	96.50

**WATER COLUMN PROFILING FOR CMP Va**  
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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Upstream	810183.7	822588.8	Mid Ebb	16.0	26.46	24.02	5.5	71.30	5.01	7.91	10:54:57	0.13	164.90
				16.0	26.45	23.84	5.3	69.20	4.87	7.87	11:17:13	0.42	294.40
				16.0	26.48	23.64	5.2	69.50	4.90	7.87	11:40:53	0.22	56.00
				15.0	26.46	23.94	4.8	70.60	4.97	7.90	10:56:15	0.09	242.90
				15.0	26.45	23.78	5.2	68.80	4.84	7.87	11:18:36	0.06	75.50
				15.0	26.52	23.20	6.1	67.30	4.75	7.86	11:42:53	0.01	282.50
				14.0	26.47	23.80	5.4	70.10	4.93	7.90	10:57:21	0.05	22.00
				14.0	26.48	23.44	6.0	68.00	4.79	7.87	11:20:31	0.30	252.50
				14.0	26.54	23.06	6.7	66.40	4.69	7.85	11:44:43	0.56	86.90
				13.0	26.47	23.65	6.0	69.40	4.89	7.89	10:58:52	0.23	342.70
				13.0	26.51	23.20	6.2	67.40	4.76	7.86	11:23:14	0.11	181.60
				13.0	26.55	23.01	7.0	66.30	4.68	7.85	11:45:39	0.11	149.80
				12.0	26.47	23.54	6.5	69.10	4.87	7.89	10:59:50	0.09	47.20
				12.0	26.49	23.35	6.1	67.60	4.77	7.87	11:24:12	0.12	317.10
				12.0	26.59	22.87	6.7	66.20	4.68	7.85	11:47:55	0.29	113.50
				11.0	26.49	23.25	7.6	67.40	4.76	7.88	11:00:59	0.17	75.50
				11.0	26.54	22.94	6.8	66.40	4.69	7.86	11:25:37	0.34	61.70
				11.0	26.61	22.85	6.5	66.30	4.68	7.85	11:48:53	0.21	71.40
				10.0	26.53	22.97	7.4	66.50	4.70	7.87	11:02:21	0.32	133.00
				10.0	26.55	22.88	7.2	66.20	4.68	7.86	11:27:20	0.33	89.30
10.0	26.64	22.77	5.9	66.90	4.72	7.86	11:50:08	0.41	105.40				
9.0	26.54	22.94	7.2	66.50	4.70	7.87	11:03:27	0.29	71.80				
9.0	26.57	22.84	7.3	66.10	4.67	7.86	11:28:17	0.34	122.90				
Upstream	810183.7	822588.8	Mid Ebb	9.0	26.66	22.69	5.6	67.30	4.75	7.86	11:51:16	0.45	53.60
				8.0	26.6	22.71	7.0	66.30	4.68	7.86	11:04:30	0.23	124.40
				8.0	26.59	22.79	7.4	66.00	4.66	7.85	11:29:47	0.11	148.50
				8.0	26.65	22.74	6.0	67.20	4.74	7.86	11:52:28	0.27	110.20
				7.0	26.63	22.54	6.3	66.30	4.69	7.86	11:05:29	0.40	134.50
				7.0	26.61	22.69	6.9	66.40	4.69	7.86	11:31:01	0.43	122.20
				7.0	26.66	22.70	5.4	67.40	4.75	7.86	11:53:35	0.36	86.20
				6.0	26.93	21.46	3.1	72.10	5.10	7.90	11:06:24	0.35	71.70
				6.0	26.65	22.51	7.1	66.80	4.72	7.86	11:32:14	0.34	95.50
				6.0	26.7	22.49	4.9	67.50	4.76	7.86	11:54:37	0.25	178.80
				5.0	26.88	21.64	3.1	74.30	5.25	7.89	11:07:23	0.51	169.60
				5.0	26.86	21.59	4.0	71.30	5.05	7.87	11:33:25	0.49	152.30
				5.0	26.73	22.36	5.1	67.90	4.79	7.86	11:55:32	0.36	88.70
				4.0	27.36	19.29	1.4	85.70	6.09	7.98	11:08:55	0.48	156.50
				4.0	27.36	19.25	1.9	84.60	6.01	7.98	11:34:58	0.41	139.20
				4.0	27.04	20.49	2.9	72.40	5.14	7.88	11:56:30	0.11	158.80
				3.0	27.25	20.25	1.4	84.40	5.98	7.97	11:12:04	0.52	120.20
				3.0	27.48	17.13	1.9	82.50	5.93	7.94	11:36:02	0.47	130.30
				3.0	27.36	19.28	1.8	84.90	6.03	7.98	11:57:50	0.32	117.30
				2.0	27.4	16.16	1.6	87.70	6.34	7.92	11:13:45	0.45	171.10
2.0	27.49	16.26	1.6	87.30	6.30	7.93	11:37:15	0.69	128.30				
2.0	27.52	15.88	1.7	86.00	6.21	7.92	11:58:53	0.35	117.40				
1.0	27.38	16.04	1.6	88.00	6.36	7.92	11:14:54	0.38	90.60				
1.0	27.49	16.23	1.6	87.60	6.32	7.93	11:38:39	0.20	296.70				
1.0	27.51	15.26	1.6	89.90	6.52	7.92	11:59:54	0.62	118.80				