

WATER COLUMN PROFILING FOR ESC CMP Vd													
02-09-2016													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812335.7	822195.2	Mid Ebb	24.0	27.57	27.23	174.4	52.2	3.53	7.57	13:28:20	0.34	203.1
				24.0	27.55	27.40	48.7	56.3	3.81	7.63	13:53:46	0.25	285.5
				24.0	27.54	27.43	25.3	56.2	3.80	7.65	14:16:50	0.12	241.7
				23.0	27.57	27.24	166.4	52.5	3.56	7.58	13:29:46	0.58	195.8
				23.0	27.54	27.45	39.5	56.1	3.80	7.64	13:54:40	0.34	327.1
				23.0	27.54	27.47	25.2	56.1	3.80	7.65	14:17:42	0.53	304.1
				22.0	27.57	27.25	130.9	53.3	3.61	7.59	13:30:45	0.41	152.8
				22.0	27.55	27.41	52.0	55.6	3.76	7.64	13:55:35	0.52	71.3
				22.0	27.54	27.45	25.4	55.8	3.78	7.65	14:18:34	0.87	330.9
				21.0	27.57	27.26	79.0	54.9	3.72	7.59	13:31:49	0.78	153.0
				21.0	27.55	27.38	53.0	55.4	3.75	7.64	13:56:29	0.34	162.0
				21.0	27.55	27.43	19.9	55.0	3.73	7.66	14:19:25	0.92	198.8
				20.0	27.56	27.31	73.6	55.7	3.77	7.59	13:33:01	0.83	178.1
				20.0	27.57	27.30	39.0	55.6	3.76	7.64	13:57:26	0.23	8.7
				20.0	27.55	27.39	22.9	55.5	3.76	7.66	14:20:19	0.25	348.6
				19.0	27.56	27.30	63.9	55.7	3.77	7.60	13:34:06	0.10	21.0
				19.0	27.60	27.10	32.1	56.8	3.85	7.65	13:58:22	0.40	150.5
				19.0	27.57	27.28	18.8	56.8	3.85	7.66	14:21:10	0.51	187.9
				18.0	27.58	27.21	55.4	56.2	3.81	7.60	13:35:00	0.13	67.0
				18.0	27.66	26.74	25.0	59.1	4.01	7.65	13:59:16	0.14	202.0
				18.0	27.62	26.97	21.4	57.1	3.87	7.66	14:22:01	0.59	315.1
				17.0	27.59	27.17	57.5	56.7	3.84	7.61	13:35:54	0.42	216.8
				17.0	27.83	25.70	27.5	63.1	4.29	7.65	14:00:13	0.10	92.9
				17.0	27.87	25.41	23.5	62.5	4.25	7.66	14:22:54	0.85	138.6
				16.0	27.84	25.68	44.7	65.8	4.47	7.63	13:36:56	0.40	124.2
				16.0	28.04	24.49	24.1	67.8	4.62	7.66	14:01:12	0.77	121.6
				16.0	27.98	24.73	23.4	65.5	4.47	7.65	14:23:45	0.54	221.1
				15.0	27.93	25.25	49.5	67.0	4.56	7.63	13:38:06	0.21	197.4
				15.0	28.13	23.95	19.3	68.9	4.71	7.65	14:02:07	0.64	41.8
				15.0	27.94	24.98	21.8	65.2	4.44	7.65	14:24:38	0.32	337.8
				14.0	28.08	24.18	22.1	68.5	4.68	7.64	13:39:04	0.58	100.4
				14.0	28.13	23.82	23.6	68.2	4.67	7.65	14:03:03	0.73	80.1
				14.0	28.10	23.98	20.9	66.7	4.56	7.65	14:25:29	0.73	240.9
				13.0	28.08	24.21	25.2	68.4	4.67	7.62	13:40:00	0.33	128.5
				13.0	28.13	23.81	23.0	68.1	4.66	7.64	14:03:57	0.07	98.0
				13.0	28.12	23.89	20.1	67.3	4.60	7.64	14:26:22	0.79	62.7
				12.0	28.11	23.89	19.5	68.1	4.66	7.62	13:41:17	0.25	6.3
				12.0	28.14	23.76	21.3	68.1	4.66	7.64	14:05:02	0.27	85.6
				12.0	28.12	23.89	20.9	67.3	4.60	7.63	14:27:55	0.55	48.6
				11.0	28.10	24.02	21.1	68.3	4.67	7.62	13:42:16	0.56	28.9
				11.0	28.14	23.74	21.5	68.2	4.67	7.64	14:05:58	0.32	179.8

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				11.0	28.13	23.86	20.5	67.4	4.61	7.63	14:28:49	0.77	71.2
				10.0	28.11	23.86	18.3	67.9	4.64	7.62	13:43:11	0.72	117.8
				10.0	28.16	23.67	20.9	68.5	4.69	7.64	14:06:54	0.55	58.6
				10.0	28.12	23.90	21.3	67.4	4.61	7.63	14:29:43	0.38	234.8
				9.0	28.12	23.85	18.4	67.8	4.64	7.61	13:44:10	0.58	30.9
				9.0	28.16	23.66	23.4	68.9	4.71	7.64	14:07:47	0.16	148.7
				9.0	28.20	23.53	14.8	68.1	4.66	7.63	14:30:36	0.81	67.5
				8.0	28.12	23.79	17.7	67.7	4.63	7.61	13:45:16	1.08	53.9
				8.0	28.21	23.56	17.8	70.0	4.79	7.64	14:08:39	0.46	31.2
				8.0	28.23	23.40	12.1	68.1	4.66	7.62	14:31:32	0.74	86.4
				7.0	28.17	23.51	13.0	68.1	4.66	7.61	13:46:16	0.29	94.5
				7.0	28.22	23.48	15.2	69.7	4.77	7.64	14:09:36	0.70	11.3
				7.0	28.19	23.57	14.0	67.8	4.64	7.62	14:32:24	0.40	347.5
				6.0	28.15	23.58	13.8	67.5	4.62	7.61	13:47:12	0.37	275.4
				6.0	28.19	23.56	17.0	69.2	4.73	7.64	14:10:33	0.63	87.6
				6.0	28.30	23.17	10.3	69.2	4.74	7.62	14:33:16	0.83	77.1
				5.0	28.18	23.40	11.0	67.6	4.63	7.60	13:48:07	0.69	130.6
				5.0	28.19	23.55	16.6	68.8	4.71	7.63	14:11:26	0.47	64.9
				5.0	28.41	22.79	7.6	70.5	4.83	7.62	14:34:08	0.94	71.9
				4.0	28.33	22.88	8.0	70.5	4.83	7.60	13:49:04	1.10	136.1
				4.0	28.22	23.40	12.8	68.4	4.68	7.63	14:12:18	0.67	20.5
				4.0	28.64	22.09	4.5	73.9	5.06	7.62	14:35:01	0.85	94.0
				3.0	28.37	22.71	7.3	72.1	4.94	7.61	13:49:58	0.82	135.5
				3.0	28.24	23.33	10.5	68.2	4.67	7.63	14:13:13	0.76	157.4
				3.0	28.67	22.02	4.5	75.0	5.13	7.61	14:35:54	1.20	120.4
				2.0	28.38	22.72	7.3	73.7	5.05	7.61	13:50:49	0.88	95.7
				2.0	28.27	23.23	9.6	68.5	4.69	7.62	14:14:06	0.94	99.4
				2.0	28.69	21.94	4.2	76.0	5.20	7.61	14:36:48	0.64	93.1
				1.0	28.37	22.74	7.4	73.8	5.06	7.61	13:51:48	1.41	8.3
				1.0	28.52	22.48	5.3	74.2	5.08	7.63	14:14:59	0.69	18.8
				1.0	28.72	21.88	4.0	76.6	5.24	7.61	14:37:40	0.90	91.0
Upstream	812161.3	822200.4	Mid Ebb	18.0	27.98	24.65	17.8	63.2	4.31	7.64	15:01:26	0.04	227.9
				18.0	27.65	26.78	16.6	58.2	3.95	7.63	15:18:43	0.46	8.8
				18.0	27.94	25.03	16.0	64.3	4.38	7.63	15:35:28	0.35	76.5
				17.0	28.08	24.08	21.0	65.1	4.45	7.62	15:02:22	0.85	80.4
				17.0	27.66	26.71	14.7	58.4	3.96	7.64	15:19:35	0.26	120.6
				17.0	28.05	24.39	16.9	65.0	4.44	7.62	15:36:19	0.23	204.3
				16.0	28.09	24.01	19.7	65.2	4.46	7.62	15:03:15	0.04	115.2
				16.0	27.73	26.31	14.2	60.1	4.08	7.64	15:20:35	0.08	243.8
				16.0	27.96	24.91	16.7	64.2	4.38	7.63	15:37:11	0.54	311.9
				15.0	28.12	23.92	17.8	65.2	4.46	7.61	15:04:18	0.24	4.6

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				15.0	27.96	24.87	17.0	63.2	4.31	7.64	15:21:28	0.37	241.6
				15.0	28.21	23.74	16.7	65.3	4.46	7.64	15:38:02	0.07	115.8
				14.0	28.12	23.92	21.2	65.2	4.46	7.61	15:05:10	0.44	115.1
				14.0	28.13	24.05	17.6	65.2	4.45	7.63	15:22:20	0.25	258.6
				14.0	28.34	23.25	17.1	67.2	4.59	7.61	15:38:58	0.90	46.6
				13.0	28.13	23.90	21.2	65.3	4.46	7.61	15:06:02	0.23	285.1
				13.0	28.27	23.61	16.9	66.4	4.53	7.62	15:23:12	0.22	330.1
				13.0	28.31	23.34	17.2	67.1	4.58	7.61	15:39:50	1.10	288.0
				12.0	28.16	23.83	18.5	65.5	4.48	7.61	15:06:54	0.26	194.3
				12.0	28.32	23.40	18.4	67.0	4.58	7.60	15:24:04	0.30	92.3
				12.0	28.32	23.29	17.6	67.2	4.59	7.60	15:40:43	0.47	269.9
				11.0	28.16	23.83	19.0	65.5	4.48	7.61	15:07:46	0.44	83.3
				11.0	28.38	23.20	20.5	67.5	4.61	7.60	15:24:57	0.36	268.4
				11.0	28.31	23.34	17.8	67.2	4.60	7.60	15:41:35	0.37	98.4
				10.0	28.19	23.78	17.2	65.9	4.51	7.61	15:08:38	0.43	59.4
				10.0	28.38	23.16	18.9	67.6	4.62	7.60	15:25:51	0.64	102.6
				10.0	28.34	23.17	17.4	67.6	4.63	7.60	15:42:30	0.91	71.2
				9.0	28.21	23.70	18.0	66.1	4.52	7.61	15:09:32	0.36	268.3
				9.0	28.38	23.12	18.2	67.6	4.62	7.60	15:26:47	0.16	102.3
				9.0	28.35	23.15	16.7	67.8	4.64	7.60	15:43:23	0.56	108.7
				8.0	28.30	23.52	13.7	66.9	4.57	7.61	15:10:24	0.69	136.6
				8.0	28.38	23.13	19.6	67.6	4.62	7.59	15:27:46	0.41	128.0
				8.0	28.34	23.20	19.0	67.8	4.63	7.60	15:44:33	0.63	89.5
				7.0	28.30	23.47	15.2	67.0	4.58	7.61	15:11:16	0.05	264.6
				7.0	28.38	23.07	16.6	67.8	4.64	7.60	15:28:38	1.14	79.7
				7.0	28.35	23.11	16.1	68.5	4.69	7.61	15:46:27	0.36	114.8
				6.0	28.36	23.29	12.5	67.6	4.62	7.60	15:12:07	1.43	121.2
				6.0	28.38	23.09	15.8	67.7	4.63	7.59	15:29:30	0.54	101.0
				6.0	28.34	23.12	16.0	68.8	4.71	7.61	15:48:35	1.43	62.2
				5.0	28.39	23.14	11.8	68.0	4.65	7.59	15:12:59	0.41	114.7
				5.0	28.39	23.03	16.0	68.1	4.66	7.60	15:30:23	0.67	122.1
				5.0	28.35	23.03	14.5	69.0	4.72	7.61	15:50:39	0.31	118.0
				4.0	28.44	22.91	10.5	68.6	4.69	7.59	15:13:52	0.98	136.4
				4.0	28.42	22.89	12.7	69.2	4.73	7.60	15:31:15	0.64	51.7
				4.0	28.36	23.01	12.9	69.9	4.78	7.61	15:52:33	0.03	226.6
				3.0	28.47	22.77	9.8	69.5	4.76	7.59	15:14:43	0.72	135.3
				3.0	28.43	22.83	11.1	69.7	4.77	7.60	15:32:07	1.35	106.0
				3.0	28.41	22.80	11.2	71.2	4.87	7.62	15:55:01	0.93	89.9
				2.0	28.54	22.50	8.3	70.9	4.85	7.59	15:15:36	0.48	11.3
				2.0	28.48	22.65	9.8	71.7	4.91	7.61	15:32:58	1.92	114.5
				2.0	28.66	21.83	6.7	72.6	4.98	7.60	15:57:35	1.44	135.6

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				1.0	28.54	22.43	7.8	71.2	4.88	7.59	15:16:29	0.67	78.4
				1.0	28.61	22.00	6.9	77.2	5.29	7.62	15:33:51	1.09	129.1
				1.0	28.73	21.53	6.0	73.3	5.03	7.59	16:00:33	0.75	100.7