

WATER COLUMN PROFILING FOR ESC CMP Vd													
06/10/2017													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812374.9	822181.0	Mid Ebb	16.0	29.79	27.10	64.6	81.2	5.31	8.06	12:49:15	0.57	94.7
				16.0	29.82	26.92	59.5	81.8	5.35	8.06	13:07:17	0.03	151.0
				16.0	29.93	26.85	72.3	85.3	5.57	8.08	13:25:56	0.34	116.9
				16.0	29.94	26.92	60.8	86.0	5.61	8.08	13:43:54	0.56	4.6
				15.0	29.80	27.03	67.4	82.9	5.42	8.07	12:50:34	0.35	48.6
				15.0	29.88	26.69	65.6	83.8	5.48	8.07	13:08:14	0.21	255.0
				15.0	29.93	26.84	64.0	85.5	5.58	8.08	13:26:57	0.15	155.7
				15.0	29.93	26.89	58.6	86.0	5.61	8.07	13:44:53	0.45	359.7
				14.0	29.80	26.98	61.9	83.1	5.43	8.07	12:51:49	0.32	290.2
				14.0	29.95	26.41	50.4	85.4	5.59	8.07	13:09:19	0.22	251.3
				14.0	29.93	26.87	63.7	85.6	5.59	8.08	13:28:02	0.63	94.1
				14.0	29.93	26.92	58.3	85.9	5.60	8.08	13:46:01	0.32	16.9
				13.0	29.81	26.88	58.3	82.9	5.42	8.07	12:53:03	0.82	44.1
				13.0	29.96	26.40	51.8	85.6	5.60	8.07	13:10:49	0.21	174.8
				13.0	29.94	26.75	57.4	85.8	5.61	8.08	13:29:03	0.19	350.4
				13.0	29.95	26.77	50.0	85.9	5.61	8.07	13:47:06	0.44	68.7
				12.0	29.83	26.83	62.4	84.1	5.50	8.08	12:54:06	0.26	280.1
				12.0	29.98	26.31	48.3	85.7	5.61	8.07	13:11:54	0.35	172.6
				12.0	29.93	26.79	54.9	85.5	5.59	8.08	13:30:02	0.38	347.4
				12.0	29.97	26.43	42.9	86.0	5.63	8.07	13:48:03	0.41	149.8
				11.0	29.94	26.37	41.5	85.8	5.62	8.07	12:55:26	0.58	61.6
				11.0	29.98	26.25	43.0	85.8	5.62	8.06	13:12:56	0.20	64.1
				11.0	29.94	26.73	54.3	85.8	5.61	8.08	13:31:23	0.07	35.6
				11.0	29.97	26.56	37.9	85.4	5.58	8.06	13:49:04	0.46	49.2
				10.0	29.93	26.42	44.9	85.7	5.61	8.07	12:56:27	0.32	140.8
				10.0	29.99	26.18	40.7	85.9	5.62	8.06	13:13:58	0.50	209.4
				10.0	29.94	26.69	50.3	85.8	5.61	8.08	13:32:19	0.88	31.3
				10.0	30.00	26.03	28.0	84.7	5.55	8.05	13:50:10	0.37	254.0
				9.0	29.89	26.60	48.6	85.6	5.60	8.08	12:57:25	0.31	75.3
				9.0	29.99	26.13	37.3	86.0	5.63	8.06	13:15:04	0.92	112.5
				9.0	30.00	26.13	32.1	85.2	5.58	8.06	13:33:19	0.27	87.0
				9.0	29.99	26.15	30.3	84.9	5.56	8.05	13:51:10	0.43	111.5
				8.0	30.02	26.00	27.5	86.7	5.68	8.07	12:58:23	0.54	81.1
Downstream	812374.9	822181.0	Mid Ebb	8.0	30.02	25.89	29.3	86.1	5.64	8.06	13:16:15	0.60	98.1
				8.0	30.03	25.93	26.0	84.9	5.56	8.06	13:34:28	0.70	103.0
				8.0	29.98	26.32	33.3	85.2	5.57	8.06	13:52:11	0.34	152.8
				7.0	30.04	25.93	18.6	87.2	5.72	8.07	12:59:26	0.90	102.2

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				7.0	30.03	25.56	22.2	85.7	5.63	8.05	13:17:26	0.41	188.3
				7.0	30.04	25.92	27.0	85.0	5.57	8.05	13:35:36	0.66	227.4
				7.0	30.08	25.09	12.3	83.8	5.51	8.02	13:53:14	0.57	118.9
				6.0	30.04	25.97	26.2	87.3	5.72	8.06	13:00:20	0.48	114.3
				6.0	30.04	25.48	15.4	85.8	5.64	8.05	13:18:30	0.23	105.6
				6.0	30.14	25.01	11.5	83.7	5.50	8.02	13:36:39	0.89	91.4
				6.0	30.03	25.38	14.3	83.5	5.48	8.03	13:54:17	1.06	43.1
				5.0	30.27	25.03	9.2	88.3	5.79	8.03	13:01:16	0.98	114.0
				5.0	30.07	25.15	11.4	85.8	5.64	8.04	13:19:36	0.27	121.6
				5.0	30.12	24.43	16.5	84.2	5.56	8.03	13:37:40	0.71	102.0
				5.0	30.05	25.14	10.9	83.2	5.48	8.02	13:55:18	0.58	201.2
				4.0	30.25	25.19	8.1	87.8	5.75	8.03	13:02:23	0.85	171.4
				4.0	30.28	25.07	7.9	88.0	5.77	8.03	13:03:24	0.65	104.0
				4.0	30.06	25.27	11.8	86.0	5.65	8.04	13:20:35	0.43	137.3
				4.0	30.12	24.72	10.7	82.9	5.46	8.00	13:38:38	0.79	85.2
				4.0	30.06	25.02	11.0	83.3	5.48	8.02	13:56:23	1.20	86.7
				3.0	30.05	25.53	18.1	86.0	5.64	8.05	13:21:35	0.78	116.9
				3.0	30.26	24.35	7.9	82.9	5.46	7.98	13:39:37	1.16	143.3
				3.0	30.10	24.86	9.2	83.7	5.51	8.01	13:57:21	0.50	87.7
				2.0	30.44	24.33	7.4	88.6	5.82	8.00	13:04:31	0.58	122.7
				2.0	30.13	25.05	9.7	85.5	5.62	8.03	13:22:35	0.80	99.7
				2.0	30.39	24.13	7.0	85.6	5.63	7.98	13:40:36	1.26	116.6
				2.0	30.13	24.71	8.3	84.3	5.55	8.00	13:58:20	1.52	82.9
				1.0	30.42	24.21	7.2	88.4	5.81	7.99	13:05:26	0.41	37.3
				1.0	30.09	25.41	15.5	85.7	5.63	8.04	13:24:07	0.36	141.9
				1.0	30.47	24.17	7.0	86.5	5.68	7.98	13:42:08	0.40	60.6
				1.0	30.13	24.73	8.8	84.5	5.56	8.01	13:59:17	0.96	63.3
Upstream	812230.0	822236.8	Mid Ebb	15.0	29.92	26.93	50.3	86.0	5.62	8.08	14:16:00	0.27	50.8
				15.0	29.93	26.65	37.1	84.6	5.53	8.07	14:31:51	0.19	345.4
				15.0	29.93	26.44	32.2	83.4	5.46	8.06	14:47:07	0.28	313.3
				15.0	29.92	26.53	33.0	82.9	5.42	8.05	15:05:55	0.38	43.4
				14.0	29.94	26.70	42.7	85.6	5.60	8.07	14:17:05	0.56	32.4
				14.0	29.94	26.55	35.2	84.6	5.53	8.07	14:32:47	0.20	323.4
				14.0	29.92	26.51	33.1	83.8	5.49	8.06	14:49:00	0.75	55.8
				14.0	29.92	26.18	27.5	81.8	5.36	8.04	15:06:58	0.31	106.9
				13.0	29.96	26.43	35.4	85.2	5.57	8.07	14:17:58	0.15	358.1
				13.0	29.94	26.47	33.1	84.6	5.53	8.06	14:33:45	0.63	57.1

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				13.0	29.92	26.37	31.3	83.3	5.46	8.06	14:50:06	0.42	111.3
				13.0	29.92	26.39	33.0	82.6	5.41	8.04	15:08:15	0.13	344.5
				12.0	29.96	26.09	30.0	84.5	5.54	8.06	14:18:52	0.33	140.0
				12.0	29.95	26.22	27.2	84.1	5.51	8.06	14:34:39	0.71	92.3
				12.0	29.92	26.26	28.3	82.9	5.43	8.05	14:51:03	0.50	102.3
				12.0	29.92	26.47	32.7	82.7	5.41	8.05	15:09:40	0.41	169.8
				11.0	29.96	26.11	29.7	84.4	5.53	8.06	14:19:52	0.24	156.4
				11.0	29.95	26.16	24.8	83.7	5.48	8.05	14:35:37	0.14	119.7
				11.0	29.92	26.12	25.1	82.1	5.38	8.05	14:53:05	0.62	183.1
				11.0	29.92	25.99	23.0	80.9	5.31	8.03	15:11:20	0.42	106.3
				10.0	29.96	26.14	29.8	84.5	5.54	8.06	14:20:47	0.79	352.1
				10.0	29.94	26.09	24.1	83.4	5.46	8.05	14:36:30	0.34	111.0
				10.0	29.92	26.00	24.0	81.9	5.37	8.03	14:54:05	0.27	307.7
				10.0	29.91	25.55	17.3	79.9	5.25	8.01	15:12:47	0.65	158.9
				9.0	29.96	25.97	26.5	84.2	5.52	8.05	14:21:43	0.53	67.8
				9.0	29.94	25.94	22.2	82.9	5.44	8.05	14:37:27	0.76	49.5
				9.0	29.92	25.92	21.9	81.2	5.33	8.03	14:55:10	0.27	200.0
				9.0	29.91	25.80	19.9	80.4	5.28	8.02	15:14:26	0.67	79.6
				8.0	29.96	25.83	23.5	84.1	5.52	8.05	14:22:44	0.84	104.4
				8.0	29.94	25.53	16.5	81.6	5.36	8.03	14:38:22	0.68	165.8
				8.0	29.92	25.72	20.9	81.4	5.35	8.02	14:56:08	0.38	178.0
				8.0	29.93	25.25	16.6	80.1	5.28	8.01	15:15:32	0.26	161.8
				7.0	29.96	25.79	22.3	83.8	5.50	8.05	14:23:45	0.76	109.8
				7.0	29.94	26.21	24.7	83.1	5.45	8.05	14:39:23	0.16	185.4
				7.0	29.92	25.69	19.7	81.1	5.33	8.02	14:57:17	1.22	97.9
				7.0	29.92	25.49	16.3	79.5	5.23	8.01	15:16:31	0.38	43.3
				6.0	29.96	25.38	15.6	82.7	5.44	8.03	14:24:42	0.34	127.2
				6.0	30.08	24.30	7.5	81.0	5.35	7.98	14:40:42	0.85	103.7
				6.0	29.98	24.68	8.4	79.3	5.24	7.98	14:58:10	0.78	171.3
				6.0	30.00	24.85	11.5	79.2	5.22	7.99	15:17:31	0.30	132.4
				5.0	29.96	25.67	13.8	81.8	5.37	8.03	14:25:43	0.26	89.1
Upstream	812230.0	822236.8	Mid Ebb	5.0	30.07	24.30	7.3	80.4	5.31	7.98	14:41:42	0.61	162.3
				5.0	29.93	25.12	10.3	79.2	5.22	8.00	14:59:42	0.30	136.7
				5.0	30.17	24.23	7.0	80.3	5.30	7.97	15:18:31	0.66	86.3
				4.0	30.13	24.15	7.3	81.3	5.37	7.98	14:26:48	0.52	137.6
				4.0	30.12	24.16	7.2	81.9	5.41	7.98	14:42:37	1.78	94.7
				4.0	29.92	25.32	14.7	80.1	5.28	8.01	15:01:19	0.63	267.0

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				4.0	30.20	24.18	6.9	80.7	5.33	7.97	15:19:47	1.20	134.9
				3.0	30.18	24.04	7.0	83.3	5.50	7.98	14:28:10	1.13	112.4
				3.0	30.13	24.14	7.2	81.6	5.39	7.98	14:43:33	0.91	111.9
				3.0	30.11	24.18	7.5	80.6	5.33	7.97	15:02:17	1.20	115.9
				3.0	30.22	24.13	6.8	81.2	5.36	7.97	15:20:52	0.54	102.7
				2.0	30.18	24.04	7.0	83.4	5.51	7.98	14:29:07	0.97	352.4
				2.0	30.14	24.13	7.4	81.8	5.40	7.98	14:44:29	0.49	98.1
				2.0	30.12	24.15	7.3	81.0	5.35	7.97	15:03:15	1.11	95.3
				2.0	30.23	24.15	6.9	81.2	5.35	7.97	15:21:57	0.25	166.4
				1.0	30.16	24.06	7.0	83.2	5.49	7.98	14:30:19	0.69	175.6
				1.0	30.14	24.12	7.3	81.7	5.40	7.98	14:45:31	0.38	102.6
				1.0	30.12	24.14	7.2	81.3	5.37	7.97	15:04:17	1.52	114.2
				1.0	30.25	24.13	6.8	81.5	5.37	7.97	15:22:56	0.41	124.0
				1.0	28.45	18.64	5.3	73.9	5.17	7.63	13:46:28	1.10	155.0
				1.0	28.50	18.63	4.9	73.4	5.14	7.63	14:03:01	0.91	206.3