

WATER COLUMN PROFILING FOR ESC CMP Vd													
05/07/2016													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812437.8	822355.8	Mid Ebb	24.0	25.69	25.31	16.1	50.2	3.55	7.68	13:51:39	0.41	150.9
				24.0	25.69	25.29	47.0	49.4	3.50	7.70	14:08:11	0.55	167.0
				24.0	25.69	25.30	39.5	48.2	3.41	7.69	14:22:55	0.24	2.9
				24.0	25.67	25.35	13.0	49.1	3.47	7.69	14:37:18	0.68	335.1
				23.0	25.68	25.32	36.7	48.7	3.44	7.69	13:52:17	0.55	51.4
				23.0	25.69	25.30	41.7	48.2	3.41	7.70	14:08:44	0.16	318.6
				23.0	25.69	25.29	42.6	47.6	3.37	7.69	14:23:23	0.42	123.1
				23.0	25.67	25.31	10.9	48.5	3.43	7.70	14:38:00	0.30	336.7
				22.0	25.68	25.32	25.1	48.4	3.42	7.69	13:52:50	0.37	273.6
				22.0	25.69	25.28	17.9	48.5	3.43	7.70	14:09:15	0.57	47.4
				22.0	25.69	25.27	23.2	47.6	3.37	7.69	14:24:01	0.19	24.3
				22.0	25.69	25.28	10.2	48.5	3.43	7.70	14:38:41	1.29	182.8
				21.0	25.69	25.25	12.6	49.1	3.47	7.70	13:53:35	0.60	55.0
				21.0	25.70	25.31	14.3	48.7	3.44	7.70	14:10:01	0.68	92.9
				21.0	25.70	25.26	11.6	48.7	3.45	7.70	14:10:40	0.57	328.2
				21.0	25.69	25.28	19.7	47.9	3.39	7.70	14:24:35	0.47	139.9
				21.0	25.70	25.27	10.8	48.4	3.42	7.70	14:39:12	0.73	206.6
				20.0	25.71	25.20	11.3	49.3	3.49	7.70	13:54:02	0.63	63.7
				20.0	25.69	25.29	20.3	47.7	3.37	7.70	14:25:20	0.31	100.2
				20.0	25.71	25.31	9.2	48.6	3.44	7.70	14:40:01	0.47	327.0
				19.0	25.73	25.14	10.2	49.5	3.50	7.70	13:54:27	0.25	57.3
				19.0	25.72	25.18	10.9	49.0	3.47	7.71	14:11:14	0.69	299.9
				19.0	25.70	25.27	20.9	47.8	3.38	7.70	14:26:01	0.10	249.1
				19.0	25.75	25.12	9.9	48.9	3.46	7.70	14:40:41	0.57	339.3
				18.0	25.75	25.13	10.3	49.5	3.50	7.70	13:55:01	0.62	119.3
				18.0	25.74	25.13	10.6	49.2	3.48	7.71	14:12:01	0.46	307.1
				18.0	25.73	25.16	12.7	48.6	3.43	7.70	14:26:24	0.14	357.6
				18.0	25.76	25.08	11.2	49.0	3.47	7.70	14:41:20	0.49	64.3
				17.0	25.77	25.02	12.8	49.9	3.53	7.70	13:55:34	0.28	6.5
				17.0	25.77	25.03	10.1	49.5	3.50	7.71	14:12:42	0.62	329.5
				17.0	25.75	25.11	9.9	49.3	3.48	7.70	14:27:01	0.51	160.9
				17.0	25.80	24.98	14.9	49.3	3.49	7.70	14:42:01	0.18	277.6
				16.0	25.79	24.97	11.5	50.1	3.54	7.70	13:56:07	0.40	204.8
				16.0	25.78	25.00	10.1	49.7	3.52	7.71	14:13:40	0.35	159.3
				16.0	25.80	24.95	14.4	49.6	3.50	7.70	14:27:30	0.16	311.7
				16.0	25.83	24.88	15.2	49.5	3.50	7.70	14:42:34	1.22	70.4
				15.0	25.80	24.93	10.9	50.0	3.53	7.70	13:56:53	0.15	96.0

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				15.0	25.79	24.98	12.1	49.7	3.52	7.71	14:14:07	0.22	301.5
				15.0	25.81	24.94	16.0	49.7	3.51	7.70	14:28:00	0.54	10.7
				15.0	25.89	24.67	15.1	50.0	3.54	7.70	14:43:10	0.22	217.5
				14.0	25.97	24.31	23.5	51.5	3.64	7.70	13:57:36	0.40	58.7
				14.0	26.01	24.22	28.0	50.6	3.58	7.71	14:14:40	0.39	289.8
				14.0	26.03	24.17	18.2	51.0	3.60	7.70	14:28:32	0.17	4.3
				14.0	26.04	24.10	15.8	51.2	3.62	7.70	14:43:45	0.35	334.8
				13.0	26.03	24.10	25.9	52.0	3.68	7.70	13:58:05	0.70	141.2
				13.0	26.04	24.15	28.1	50.6	3.58	7.71	14:15:06	0.50	22.1
				13.0	26.16	23.65	16.8	52.0	3.68	7.70	14:29:01	0.49	234.0
				13.0	26.21	23.50	16.4	52.4	3.71	7.70	14:44:13	0.31	58.4
				12.0	26.34	23.01	21.8	54.6	3.86	7.71	13:58:43	0.46	161.8
				12.0	27.09	20.07	19.0	58.9	4.19	7.71	14:15:51	0.46	59.2
				12.0	26.66	21.85	17.5	55.2	3.92	7.70	14:29:41	0.92	33.5
				12.0	27.00	20.74	17.5	54.1	3.84	7.71	14:45:02	1.06	346.8
				11.0	26.35	23.05	16.9	55.3	3.91	7.71	13:59:15	0.98	109.4
				11.0	27.48	18.38	19.2	60.9	4.34	7.72	14:16:20	0.94	72.5
				11.0	27.72	18.04	17.6	54.4	3.87	7.71	14:30:11	0.44	140.8
				11.0	27.55	18.86	17.6	64.6	4.59	7.70	14:46:02	0.44	147.5
				10.0	27.61	18.18	15.8	57.7	4.11	7.71	13:59:42	0.23	140.9
				10.0	27.79	17.81	16.7	66.9	4.76	7.71	14:16:50	0.26	145.4
				10.0	27.83	17.72	17.2	67.5	4.80	7.70	14:30:50	0.35	85.7
				10.0	27.76	18.21	15.6	66.3	4.71	7.70	14:46:42	0.34	107.6
				9.0	27.86	17.45	10.7	69.0	4.91	7.70	14:00:35	1.17	87.1
				9.0	27.84	17.55	10.2	69.6	4.95	7.70	14:01:31	1.15	126.2
				9.0	28.00	17.07	13.4	68.5	4.88	7.70	14:17:18	0.61	68.6
				9.0	27.93	17.43	13.8	68.8	4.89	7.70	14:31:21	0.68	101.5
				9.0	27.76	18.23	16.3	66.3	4.71	7.70	14:47:40	0.83	108.8
				8.0	27.94	17.23	13.0	69.4	4.94	7.70	14:17:58	1.01	122.1
				8.0	27.94	17.41	13.3	69.1	4.91	7.70	14:32:01	0.71	114.6
				8.0	27.79	18.12	15.1	66.6	4.73	7.70	14:48:15	0.37	34.0
				7.0	28.03	16.85	6.1	72.2	5.14	7.70	14:02:24	0.51	45.3
				7.0	27.98	17.23	10.7	70.2	5.00	7.70	14:18:30	0.13	141.5
				7.0	27.99	17.24	10.4	69.2	4.93	7.70	14:32:31	0.51	155.0
				7.0	27.84	17.97	15.4	67.1	4.76	7.70	14:49:01	0.61	73.3
				6.0	28.17	16.27	4.6	72.8	5.19	7.70	14:03:00	0.91	124.4
				6.0	28.16	17.14	8.1	75.1	5.33	7.70	14:18:55	1.46	136.4

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				6.0	28.01	17.19	9.4	69.6	4.95	7.69	14:33:10	0.56	133.4
				6.0	27.86	17.92	13.3	67.6	4.80	7.69	14:49:40	1.58	90.1
				5.0	28.28	15.90	4.4	73.1	5.21	7.69	14:03:57	0.97	88.6
				5.0	28.88	14.20	5.1	80.0	5.70	7.73	14:19:27	0.32	151.2
				5.0	28.06	16.98	9.5	69.9	4.98	7.70	14:33:41	1.00	96.2
				5.0	27.97	17.51	12.4	68.8	4.88	7.69	14:50:20	1.75	99.7
				4.0	28.50	15.48	4.1	74.5	5.30	7.69	14:04:40	0.49	112.0
				4.0	28.97	14.82	7.2	77.8	5.51	7.74	14:19:51	0.63	136.8
				4.0	28.22	16.10	7.6	72.9	5.20	7.70	14:34:13	0.81	126.2
				4.0	28.97	14.58	5.3	80.4	5.71	7.74	14:50:48	1.81	81.2
				3.0	28.77	14.62	4.1	74.2	5.28	7.71	14:05:14	0.81	151.9
				3.0	28.94	14.04	3.8	83.4	5.94	7.73	14:20:18	0.81	74.0
				3.0	28.82	14.23	5.4	75.4	5.38	7.72	14:34:44	1.11	108.6
				3.0	29.13	13.48	3.4	85.6	6.10	7.75	14:51:27	1.55	135.8
				2.0	29.00	13.89	3.9	82.5	5.88	7.73	14:05:50	0.33	121.8
				2.0	29.19	13.67	3.1	87.8	6.24	7.76	14:20:51	1.23	119.7
				2.0	28.90	14.10	3.7	81.9	5.83	7.72	14:35:16	0.61	320.4
				2.0	29.19	13.40	3.1	87.5	6.23	7.76	14:52:01	1.45	86.1
				1.0	29.09	13.68	3.7	85.1	6.06	7.74	14:06:16	1.57	217.7
				1.0	29.14	13.74	3.2	87.7	6.24	7.75	14:21:17	1.61	126.0
				1.0	29.05	13.74	3.1	84.7	6.04	7.73	14:35:50	0.67	89.3
				1.0	29.25	13.35	2.9	89.5	6.37	7.77	14:52:35	1.74	77.7
Upstream	812238.0	822449.0	Mid Ebb	20.0	25.84	24.82	11.5	49.8	3.52	7.74	15:54:35	0.28	123.1
				20.0	25.84	24.87	10.4	51.3	3.62	7.71	16:10:22	0.42	332.8
				20.0	25.81	24.94	33.2	49.1	3.47	7.71	16:26:37	0.29	190.6
				20.0	25.79	24.98	56.4	49.5	3.50	7.71	16:41:01	0.42	293.5
				19.0	25.87	24.76	11.5	49.8	3.52	7.74	15:55:08	0.25	257.3
				19.0	25.83	24.87	11.0	49.8	3.52	7.71	16:11:00	0.86	297.2
				19.0	25.81	24.93	18.0	48.7	3.45	7.71	16:27:09	0.36	141.1
				19.0	25.77	25.03	29.1	47.3	3.34	7.70	16:42:26	0.72	232.9
				18.0	25.88	24.68	11.3	49.9	3.53	7.73	15:56:06	0.22	128.6
				18.0	25.85	24.82	12.0	49.6	3.51	7.71	16:11:41	0.55	18.0
				18.0	25.80	24.95	17.9	48.5	3.43	7.71	16:28:00	0.49	190.4
				18.0	25.79	25.00	14.2	48.4	3.42	7.71	16:43:00	0.85	191.2
				17.0	25.86	24.76	11.6	49.8	3.52	7.73	15:57:09	0.23	75.8
				17.0	25.89	24.68	11.4	49.8	3.52	7.71	16:12:30	0.41	42.0
				17.0	25.82	24.90	24.5	48.6	3.44	7.71	16:28:52	0.57	353.6

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				17.0	25.82	24.91	11.6	48.8	3.45	7.70	16:43:50	0.40	77.2
				16.0	25.89	24.68	10.5	50.0	3.54	7.72	15:57:47	0.64	289.2
				16.0	25.89	24.68	11.9	49.8	3.52	7.71	16:13:20	0.16	199.7
				16.0	25.85	24.81	18.0	48.9	3.46	7.71	16:29:32	0.37	227.1
				16.0	25.83	24.89	12.4	48.9	3.45	7.71	16:44:27	0.75	229.2
				15.0	25.96	24.41	10.8	50.4	3.57	7.72	15:58:26	0.30	86.0
				15.0	25.92	24.57	11.8	50.0	3.53	7.71	16:13:45	0.42	306.8
				15.0	25.91	24.68	17.3	49.7	3.51	7.71	16:30:16	0.61	174.3
				15.0	25.86	24.84	12.6	49.0	3.46	7.71	16:45:01	0.95	351.3
				14.0	26.19	23.60	20.3	51.7	3.66	7.72	15:59:00	0.24	229.2
				14.0	26.38	23.53	27.8	54.4	3.84	7.71	16:14:41	0.30	355.2
				14.0	25.99	24.32	16.5	50.5	3.57	7.71	16:31:00	0.48	229.2
				14.0	26.99	19.93	15.6	53.8	3.83	7.72	16:46:00	0.07	295.8
				13.0	27.29	19.38	35.1	58.5	4.16	7.72	15:59:41	0.55	51.5
				13.0	27.32	19.58	22.2	61.0	4.33	7.71	16:15:29	0.40	77.6
				13.0	27.32	22.05	23.6	61.8	4.33	7.69	16:32:03	0.23	329.0
				13.0	27.73	18.12	19.6	64.6	4.59	7.70	16:47:01	0.17	103.5
				12.0	27.63	18.36	25.0	64.1	4.56	7.71	16:00:44	0.28	100.8
				12.0	27.88	17.54	21.2	66.1	4.71	7.70	16:16:19	0.09	203.7
				12.0	27.81	17.82	18.5	65.2	4.63	7.70	16:32:48	0.27	284.1
				12.0	27.86	17.62	19.0	65.8	4.68	7.69	16:47:33	0.52	139.5
				11.0	27.93	17.35	20.6	66.9	4.76	7.70	16:01:36	0.14	104.4
				11.0	27.95	17.31	19.5	67.1	4.78	7.70	16:17:06	0.38	13.1
				11.0	27.98	17.17	18.2	67.3	4.79	7.69	16:33:36	0.22	244.5
				11.0	27.93	17.37	18.5	66.8	4.75	7.69	16:48:11	0.31	68.0
				10.0	27.95	17.27	16.9	67.3	4.79	7.70	16:02:22	0.64	103.3
				10.0	27.97	17.22	17.6	67.6	4.81	7.70	16:18:03	0.36	83.0
				10.0	28.02	17.04	17.5	67.7	4.82	7.69	16:34:14	0.69	112.7
				10.0	28.03	17.07	15.4	67.9	4.83	7.69	16:49:00	0.36	23.2
				9.0	27.99	17.13	16.4	67.7	4.82	7.70	16:03:07	0.50	151.4
				9.0	27.99	17.16	16.2	67.8	4.83	7.70	16:19:02	1.18	83.2
				9.0	28.03	17.06	16.3	68.1	4.85	7.69	16:34:50	0.30	99.8
				9.0	28.00	17.16	15.5	67.8	4.82	7.69	16:50:14	0.61	44.9
				8.0	28.01	17.06	15.0	68.3	4.86	7.70	16:04:00	0.93	103.5
				8.0	28.03	17.01	16.1	68.3	4.86	7.69	16:35:18	0.61	81.3
				8.0	28.11	16.79	13.7	68.2	4.86	7.69	16:51:03	0.89	354.3
				7.0	28.05	16.93	15.9	68.3	4.86	7.70	16:05:01	0.29	86.2

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				7.0	27.98	17.19	15.0	67.9	4.83	7.70	16:20:03	1.53	59.4
				7.0	28.02	17.02	11.8	68.2	4.85	7.69	16:21:43	0.23	51.8
				7.0	28.05	16.93	14.8	68.4	4.87	7.69	16:36:00	0.22	153.4
				7.0	28.08	16.89	13.9	68.7	4.89	7.69	16:52:00	0.60	39.6
				6.0	28.06	16.87	12.6	69.4	4.94	7.70	16:06:02	0.26	122.6
				6.0	28.06	16.86	11.6	68.5	4.88	7.70	16:22:15	1.19	78.8
				6.0	28.10	16.78	12.0	69.1	4.92	7.69	16:36:42	1.23	125.1
				6.0	28.12	16.77	13.3	68.8	4.90	7.69	16:53:08	0.49	149.9
				5.0	28.16	16.52	9.3	70.8	5.04	7.71	16:06:51	1.02	94.0
				5.0	28.20	16.24	10.2	70.0	4.99	7.70	16:23:00	1.23	128.1
				5.0	28.13	16.66	11.8	69.4	4.94	7.69	16:37:21	0.40	120.7
				5.0	28.22	16.53	11.1	69.8	4.96	7.69	16:53:35	1.51	96.6
				4.0	28.28	16.14	7.3	71.9	5.12	7.71	16:07:26	0.41	40.2
				4.0	28.84	14.27	4.9	79.3	5.65	7.74	16:23:29	1.20	116.1
				4.0	28.51	14.68	7.4	72.6	5.19	7.71	16:38:01	1.61	113.3
				4.0	28.37	16.07	9.3	71.5	5.08	7.69	16:54:06	0.40	248.7
				3.0	28.44	15.45	5.7	74.2	5.29	7.72	16:08:00	1.30	134.1
				3.0	28.84	14.22	4.5	79.7	5.68	7.74	16:24:03	1.56	119.0
				3.0	29.67	12.36	3.3	92.5	6.57	7.83	16:38:50	0.42	95.8
				3.0	28.37	16.04	9.0	71.6	5.09	7.69	16:54:37	1.19	122.3
				2.0	28.66	14.54	4.1	76.6	5.46	7.73	16:08:36	0.38	174.5
				2.0	29.08	13.66	4.0	83.8	5.97	7.76	16:24:31	1.31	103.8
				2.0	29.72	12.33	3.1	95.9	6.81	7.84	16:39:21	0.86	132.1
				2.0	28.92	13.50	4.7	79.4	5.68	7.73	16:55:17	0.66	119.7
				1.0	29.47	12.49	3.7	85.6	6.10	7.82	16:09:02	0.96	98.8
				1.0	29.59	12.52	4.0	83.5	5.93	7.82	16:25:05	0.75	111.6
				1.0	29.73	12.36	3.1	96.5	6.85	7.84	16:39:50	0.53	129.0
				1.0	29.51	12.37	3.7	90.7	6.46	7.79	16:56:00	1.07	74.8