

WATER COLUMN PROFILING FOR ESC CMP Vd													
07/09/2017													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812386.4	822152.0	Mid Ebb	18.0	27.11	27.88	17.4	66.1	4.50	7.71	11:20:35	0.20	353.1
				18.0	27.12	27.84	11.7	66.0	4.49	7.72	11:39:47	0.48	19.7
				18.0	27.10	27.96	11.5	65.8	4.48	7.75	11:57:53	0.13	210.0
				18.0	27.10	28.00	17.9	64.1	4.36	7.76	12:15:03	0.36	311.9
				17.0	27.11	27.84	14.4	66.1	4.50	7.72	11:21:50	0.31	33.6
				17.0	27.13	27.70	12.1	65.8	4.48	7.73	11:40:38	0.48	26.7
				17.0	27.11	27.84	14.9	65.5	4.46	7.75	11:58:47	0.35	47.9
				17.0	27.31	26.25	21.7	66.0	4.51	7.75	12:16:14	0.83	315.4
				16.0	27.11	27.82	14.0	66.1	4.50	7.72	11:22:46	0.40	259.4
				16.0	27.17	27.37	13.5	66.1	4.51	7.73	11:41:38	0.39	21.8
				16.0	27.19	27.18	15.7	66.0	4.50	7.75	11:59:38	0.62	10.2
				16.0	27.40	25.66	24.0	66.7	4.57	7.74	12:17:11	0.70	356.6
				15.0	27.12	27.77	12.8	66.0	4.49	7.72	11:23:57	0.25	322.4
				15.0	27.16	27.48	11.6	66.0	4.50	7.73	11:42:32	0.59	343.5
				15.0	27.29	26.44	18.7	66.6	4.55	7.75	12:00:34	0.68	350.5
				15.0	27.52	24.85	32.5	67.2	4.61	7.74	12:18:25	0.19	190.3
				14.0	27.13	27.65	12.4	66.1	4.50	7.72	11:25:04	0.21	337.2
				14.0	27.15	27.52	14.9	66.0	4.50	7.74	11:44:07	0.16	5.4
				14.0	27.32	26.19	21.6	66.5	4.55	7.74	12:01:25	0.39	43.6
				14.0	27.52	24.84	34.1	67.2	4.62	7.74	12:19:20	0.70	86.7
				13.0	27.14	27.60	12.7	66.1	4.50	7.72	11:26:09	0.34	282.3
				13.0	27.23	26.91	18.4	66.4	4.53	7.74	11:45:03	0.38	67.8
				13.0	27.40	25.56	24.3	66.8	4.58	7.74	12:02:18	0.16	98.8
				13.0	27.63	24.27	37.9	67.7	4.66	7.74	12:20:29	0.63	136.1
				12.0	27.18	27.28	10.7	66.3	4.52	7.72	11:27:17	0.72	30.7
				12.0	27.34	26.02	23.5	66.5	4.56	7.73	11:45:58	0.15	259.6
				12.0	27.51	24.74	27.1	67.2	4.62	7.74	12:03:10	0.76	9.0
				12.0	27.71	23.93	41.5	68.2	4.70	7.75	12:21:22	0.58	61.0
				11.0	27.29	26.36	11.9	66.9	4.57	7.72	11:28:19	0.57	67.5
				11.0	27.40	25.56	21.9	66.9	4.59	7.73	11:46:50	0.57	79.1
				11.0	27.64	24.07	28.8	68.0	4.68	7.74	12:04:03	0.73	124.9
				11.0	27.77	23.68	43.3	68.7	4.73	7.75	12:22:16	0.62	166.6
				10.0	27.30	26.33	13.1	67.2	4.59	7.72	11:29:23	0.48	106.1
				10.0	27.61	23.90	18.4	67.6	4.66	7.72	11:47:43	0.56	59.6
				10.0	27.67	23.96	28.0	68.2	4.70	7.74	12:05:00	0.88	107.0
				10.0	27.82	23.45	42.3	69.0	4.76	7.75	12:23:09	0.51	70.8
				9.0	27.38	25.65	22.9	67.1	4.60	7.72	11:30:31	0.49	76.7

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				9.0	27.59	24.05	18.9	67.7	4.67	7.71	11:48:37	0.77	56.0
				9.0	27.69	23.90	26.1	68.4	4.71	7.74	12:05:55	0.67	157.2
				9.0	27.87	23.20	34.3	69.3	4.78	7.76	12:24:14	0.78	55.4
				8.0	27.53	24.57	18.4	67.8	4.66	7.71	11:31:27	0.82	105.1
				8.0	27.80	23.44	19.4	69.0	4.75	7.75	12:06:47	0.66	73.3
				8.0	28.04	22.18	15.3	70.6	4.88	7.76	12:25:20	1.01	122.4
				7.0	27.58	24.06	16.6	67.9	4.68	7.71	11:32:23	0.68	121.9
				7.0	27.92	22.46	14.9	69.5	4.81	7.73	11:49:35	0.90	162.7
				7.0	27.92	22.53	14.5	69.7	4.82	7.74	11:50:34	0.88	129.7
				7.0	27.83	23.31	17.8	69.4	4.78	7.75	12:07:42	0.66	112.6
				7.0	28.12	21.63	12.4	71.1	4.92	7.76	12:26:15	0.73	97.2
				6.0	27.74	22.90	11.1	68.7	4.75	7.70	11:33:17	0.78	89.0
				6.0	27.97	22.07	11.4	70.0	4.85	7.73	11:51:29	0.56	72.9
				6.0	28.06	22.11	11.1	70.8	4.89	7.76	12:08:38	0.25	2.3
				6.0	28.16	21.19	9.2	71.4	4.95	7.75	12:27:16	0.62	55.5
				5.0	27.88	21.98	10.0	69.4	4.81	7.69	11:34:15	0.47	72.1
				5.0	28.04	21.82	10.3	70.6	4.89	7.73	11:52:21	1.36	103.4
				5.0	28.20	21.20	9.1	71.9	4.98	7.75	12:09:30	0.32	124.8
				5.0	28.19	20.75	8.3	72.0	5.01	7.72	12:28:10	0.58	97.7
				4.0	27.98	21.43	7.6	70.2	4.88	7.68	11:35:14	0.64	129.5
				4.0	28.09	21.49	14.2	70.9	4.92	7.73	11:53:28	1.11	87.2
				4.0	28.27	20.78	8.7	72.5	5.03	7.75	12:10:23	0.92	105.9
				4.0	28.21	20.67	8.4	71.7	4.98	7.72	12:29:10	1.62	106.8
				3.0	28.03	21.17	7.0	70.6	4.91	7.68	11:36:15	1.22	107.1
				3.0	28.25	21.05	7.7	71.6	4.96	7.73	11:54:25	1.51	116.7
				3.0	28.21	20.04	7.4	71.7	5.00	7.70	12:11:15	1.27	121.0
				3.0	28.29	20.53	8.0	72.3	5.02	7.72	12:30:04	1.27	100.3
				2.0	28.22	20.29	6.8	71.9	5.01	7.68	11:37:10	1.56	117.2
				2.0	28.40	20.61	6.7	72.7	5.04	7.72	11:55:22	1.23	112.5
				2.0	28.30	19.94	7.0	72.1	5.02	7.69	12:12:11	0.81	155.0
				2.0	28.53	19.88	6.8	73.3	5.09	7.72	12:30:57	1.02	114.1
				1.0	28.27	20.21	5.8	72.1	5.02	7.67	11:38:05	1.85	141.3
				1.0	28.52	20.16	5.5	73.7	5.11	7.72	11:56:15	1.36	108.7
				1.0	28.42	19.80	6.9	71.7	4.99	7.69	12:13:02	0.83	110.3
				1.0	28.58	19.55	5.7	73.8	5.13	7.72	12:31:50	0.47	105.6
Upstream	812247.3	822259.4	Mid Ebb	16.0	27.21	27.16	50.2	65.2	4.44	7.76	12:53:24	0.25	80.9
				16.0	27.35	26.30	59.7	66.0	4.51	7.73	13:12:57	0.41	349.0

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				16.0	27.54	25.21	75.4	67.0	4.59	7.73	13:32:35	0.32	313.6
				16.0	27.47	25.61	71.7	66.4	4.55	7.72	13:48:17	0.83	308.6
				15.0	27.37	25.95	50.6	65.9	4.51	7.75	12:54:21	0.12	158.8
				15.0	27.29	26.63	52.2	65.5	4.47	7.74	13:14:35	0.34	334.2
				15.0	27.84	23.42	91.8	69.0	4.76	7.74	13:33:38	0.14	322.6
				15.0	27.75	23.97	94.7	68.3	4.70	7.74	13:49:14	0.53	80.2
				14.0	27.76	23.87	90.3	68.5	4.72	7.76	12:55:20	0.81	17.2
				14.0	27.35	26.18	51.6	65.7	4.49	7.74	13:15:31	0.25	89.6
				14.0	27.85	23.34	93.2	69.2	4.77	7.74	13:34:38	0.73	336.6
				14.0	27.84	23.44	90.2	69.1	4.76	7.74	13:50:07	0.38	201.3
				13.0	27.91	23.02	97.8	69.7	4.81	7.76	12:57:08	0.39	236.3
				13.0	27.69	24.17	92.7	68.0	4.68	7.76	13:16:41	0.54	293.2
				13.0	27.86	23.16	91.2	69.1	4.77	7.74	13:35:31	0.33	76.9
				13.0	27.84	23.38	86.0	69.1	4.76	7.74	13:50:59	0.13	75.9
				12.0	27.94	22.83	84.7	70.0	4.83	7.76	12:58:04	0.32	25.4
				12.0	27.87	23.13	96.9	69.5	4.79	7.76	13:17:41	0.66	108.8
				12.0	27.87	22.95	78.7	69.0	4.77	7.74	13:36:24	0.31	190.6
				12.0	27.84	23.36	84.4	69.1	4.76	7.74	13:52:25	0.26	177.8
				11.0	27.95	22.68	72.8	70.2	4.85	7.75	12:59:31	0.96	107.7
				11.0	27.88	22.99	84.0	69.5	4.79	7.75	13:18:44	0.71	90.5
				11.0	27.88	22.67	62.9	69.0	4.77	7.73	13:37:23	0.10	342.3
				11.0	27.85	22.99	69.7	69.0	4.76	7.74	13:53:18	0.37	82.2
				10.0	27.95	22.56	68.9	70.2	4.85	7.75	13:00:59	0.73	81.9
				10.0	27.89	22.55	53.5	69.2	4.78	7.74	13:20:03	0.15	94.2
				10.0	27.89	22.58	56.8	69.0	4.77	7.73	13:38:15	0.55	204.8
				10.0	27.85	22.89	56.5	68.9	4.76	7.73	13:54:10	0.56	56.2
				9.0	27.94	22.46	53.4	69.9	4.83	7.75	13:03:11	0.71	131.4
				9.0	27.90	22.40	45.3	69.2	4.79	7.73	13:21:06	0.93	79.4
				9.0	27.89	22.54	55.4	69.1	4.78	7.73	13:39:08	1.02	121.7
				9.0	27.85	22.81	48.1	68.8	4.75	7.73	13:55:05	0.73	88.5
				8.0	27.94	22.40	56.7	70.0	4.84	7.74	13:04:08	0.93	168.4
				8.0	27.93	22.18	38.0	69.4	4.80	7.73	13:23:06	0.30	61.4
				8.0	27.90	22.49	52.1	69.1	4.78	7.72	13:40:02	0.72	90.0
				8.0	27.85	22.87	49.4	68.8	4.75	7.73	13:56:03	0.58	146.4
				7.0	27.93	22.38	46.0	69.8	4.83	7.74	13:05:01	0.86	74.1
				7.0	27.95	21.98	34.1	69.6	4.82	7.73	13:24:19	0.28	148.0
				7.0	27.92	22.28	45.1	69.3	4.80	7.72	13:40:55	0.44	116.0

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				7.0	27.86	22.70	39.6	68.8	4.76	7.72	13:56:56	0.32	41.2
				6.0	27.94	22.14	42.3	69.7	4.83	7.74	13:05:55	0.69	26.9
				6.0	27.97	21.79	31.6	69.9	4.85	7.72	13:25:45	0.85	110.5
				6.0	27.94	21.98	41.9	69.5	4.82	7.72	13:41:48	0.15	108.1
				6.0	27.90	22.28	28.9	68.8	4.76	7.71	13:57:52	0.47	95.8
				5.0	28.06	20.83	11.3	69.0	4.81	7.70	13:06:59	0.87	139.4
				5.0	28.00	21.65	23.9	70.3	4.87	7.71	13:26:48	1.54	83.2
				5.0	28.04	21.25	22.3	70.0	4.87	7.70	13:42:42	0.19	109.1
				5.0	27.96	21.77	21.4	69.1	4.79	7.70	13:58:47	1.33	97.7
				4.0	28.26	20.08	7.4	71.2	4.96	7.68	13:08:31	0.57	114.9
				4.0	28.00	21.48	27.3	70.1	4.87	7.71	13:27:39	1.13	122.9
				4.0	28.22	20.08	10.7	70.7	4.93	7.67	13:43:34	0.90	138.5
				4.0	28.15	20.43	10.9	70.1	4.88	7.68	13:59:43	0.31	299.6
				3.0	28.29	20.02	6.9	71.9	5.01	7.67	13:09:24	0.73	130.9
				3.0	28.32	19.50	7.5	72.0	5.03	7.65	13:28:46	0.87	109.1
				3.0	28.26	19.82	6.9	70.5	4.92	7.65	13:44:26	0.26	73.5
				3.0	28.35	19.42	6.9	71.7	5.00	7.65	14:00:35	1.28	116.2
				2.0	28.37	19.80	6.9	72.5	5.05	7.66	13:10:24	0.30	133.1
				2.0	28.33	19.45	6.9	71.7	5.01	7.64	13:29:42	0.60	152.3
				2.0	28.33	19.43	7.5	72.4	5.06	7.64	13:45:20	0.98	97.5
				2.0	28.37	19.22	6.2	71.7	5.01	7.64	14:01:37	1.59	106.3
				1.0	28.64	19.24	6.0	75.1	5.22	7.65	13:11:23	1.66	121.6
				1.0	28.33	19.46	6.8	71.8	5.02	7.63	13:30:36	1.24	113.5
				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