

WATER COLUMN PROFILING FOR ESC CMP Vd													
11/04/2017													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812402.8	822310.8	Mid Ebb	19.7	21.54	28.12	67.1	87.8	6.58	7.72	11:04:50	0.63	280.0
				19.0	21.54	28.07	48.9	88.1	6.60	7.75	11:06:34	0.07	169.0
				18.1	21.56	27.96	8.3	89.2	6.68	7.77	11:07:50	0.22	63.2
				17.0	21.57	27.90	7.1	89.4	6.70	7.78	11:08:55	0.30	42.6
				16.0	21.57	27.89	7.7	89.6	6.71	7.79	11:10:03	0.62	322.7
				15.2	21.58	27.87	6.9	89.6	6.71	7.80	11:11:00	0.39	218.1
				13.9	21.58	27.86	8.2	89.7	6.72	7.80	11:12:02	0.60	90.7
				13.1	21.59	27.85	6.7	89.9	6.73	7.81	11:12:59	0.53	279.6
				11.9	21.61	27.68	7.0	89.7	6.73	7.82	11:14:08	0.39	47.4
				11.0	21.80	26.82	7.5	89.8	6.75	7.83	11:15:06	0.20	252.0
				10.1	21.93	26.23	7.2	89.9	6.76	7.83	11:16:10	0.22	0.8
				8.9	21.94	26.21	7.3	89.9	6.76	7.84	11:17:20	0.20	134.4
				8.0	22.10	25.47	6.2	90.2	6.79	7.85	11:18:16	0.69	151.5
				7.0	22.16	25.27	5.7	90.6	6.82	7.85	11:19:16	0.53	68.7
				6.2	22.35	24.88	6.1	91.6	6.89	7.87	11:20:14	0.60	174.9
				5.0	22.45	24.74	6.2	91.9	6.90	7.87	11:21:17	0.71	120.8
				3.8	22.45	24.46	5.7	91.8	6.90	7.87	11:22:13	1.19	93.0
				2.9	22.45	23.99	5.6	91.3	6.88	7.87	11:23:27	1.16	90.9
				2.0	22.47	23.71	5.4	91.2	6.88	7.89	11:24:35	0.14	353.6
				1.1	22.50	23.61	5.6	91.3	6.90	7.90	11:25:52	0.63	144.3
				19.7	21.53	28.13	27.4	87.9	6.59	7.87	11:27:59	0.55	136.1
				18.8	21.54	28.07	19.3	88.6	6.64	7.87	11:29:10	0.50	85.5
				17.7	21.54	28.05	12.9	88.8	6.65	7.87	11:30:22	0.17	316.4
				16.8	21.54	28.04	11.8	89.0	6.67	7.87	11:31:23	0.33	267.4
				15.8	21.55	28.01	11.0	89.2	6.68	7.86	11:32:44	0.37	308.6
				14.9	21.57	27.89	7.5	87.4	6.55	7.87	11:33:51	0.52	20.4
				13.7	21.59	27.80	6.7	86.2	6.46	7.88	11:35:10	0.18	180.9
				12.8	21.60	27.70	5.8	86.0	6.45	7.88	11:36:52	0.39	333.4
				11.8	21.75	27.04	7.1	85.4	6.41	7.88	11:38:19	0.15	34.7
				10.7	21.86	26.50	7.9	85.5	6.42	7.89	11:39:27	0.49	8.2
				9.8	21.88	26.43	7.0	85.4	6.41	7.89	11:40:35	0.27	92.0
				8.9	21.90	26.37	6.4	85.6	6.44	7.90	11:42:21	0.31	98.1
				8.1	21.92	26.30	5.4	85.8	6.45	7.91	11:43:39	0.38	74.1
				6.9	22.09	25.71	4.6	86.1	6.47	7.90	11:44:57	0.60	103.6
				5.9	22.26	24.88	6.6	86.8	6.54	7.90	11:45:56	0.58	89.0
				4.9	22.37	24.59	6.2	87.7	6.60	7.91	11:47:07	0.17	150.2
				4.2	22.37	24.55	6.4	85.1	6.41	7.91	11:48:05	0.59	89.5

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				2.9	22.38	24.49	6.6	86.5	6.51	7.92	11:49:13	1.20	137.1
				2.1	22.41	24.40	6.6	86.5	6.51	7.94	11:50:18	0.75	56.2
				1.2	22.56	24.13	6.0	88.8	6.68	7.96	11:51:35	0.43	75.3
				19.7	21.53	28.25	22.5	86.5	6.47	7.90	11:53:45	0.41	111.9
				18.9	21.53	28.22	14.1	86.3	6.46	7.90	11:54:47	0.69	212.8
				17.8	21.53	28.18	7.8	86.7	6.49	7.90	11:55:51	0.56	67.3
				16.8	21.53	28.14	6.7	86.9	6.51	7.90	11:56:58	0.52	150.6
				16.1	21.53	28.14	6.9	86.8	6.50	7.90	11:57:53	0.10	183.3
				15.2	21.57	27.88	6.5	86.8	6.50	7.90	11:58:48	0.45	345.0
				14.1	21.64	27.50	6.7	86.9	6.52	7.90	11:59:45	0.10	8.8
				12.9	21.72	27.17	8.4	86.8	6.51	7.90	12:01:12	0.45	80.2
				12.1	21.72	27.18	8.4	86.7	6.50	7.91	12:02:35	0.40	130.4
				11.3	21.74	27.06	8.0	89.1	6.69	7.90	12:03:42	0.31	190.7
				9.8	21.89	26.38	6.0	89.7	6.74	7.89	12:04:51	0.90	142.8
				9.1	22.04	25.78	6.7	90.1	6.78	7.90	12:05:52	0.45	15.7
				8.2	22.15	25.29	7.7	90.2	6.79	7.91	12:07:05	0.32	178.4
				7.0	22.21	25.13	8.5	90.3	6.80	7.92	12:08:17	0.70	115.3
				6.0	22.26	24.93	8.6	90.6	6.82	7.92	12:09:28	1.08	94.9
				4.9	22.27	24.89	8.6	90.7	6.83	7.91	12:10:31	1.27	82.2
				3.8	22.33	24.78	7.7	91.0	6.85	7.92	12:11:44	0.53	78.8
				3.2	22.39	24.68	7.7	91.6	6.89	7.93	12:12:48	0.21	61.3
				2.1	22.51	24.47	6.7	92.2	6.93	7.94	12:13:43	0.92	97.2
				1.2	22.64	24.23	5.8	93.0	6.98	7.95	12:14:49	0.93	36.3
Upstream	812402.8	822310.8	Mid Ebb	17.8	21.56	27.99	18.8	86.8	6.50	7.88	12:27:53	0.27	105.3
				17.0	21.58	27.89	10.9	87.0	6.52	7.87	12:28:58	0.56	43.8
				16.2	21.57	27.94	12.5	86.8	6.50	7.87	12:29:55	0.67	97.7
				14.9	21.58	27.88	9.8	87.5	6.56	7.87	12:31:45	0.70	107.4
				13.9	21.62	27.63	9.3	88.3	6.62	7.86	12:33:19	0.37	15.9
				12.9	21.97	26.18	13.6	89.1	6.69	7.87	12:34:21	0.60	97.3
				11.8	21.98	26.19	22.4	89.6	6.73	7.87	12:35:46	0.38	299.0
				10.9	22.08	25.91	22.4	90.1	6.76	7.89	12:37:04	0.54	54.8
				9.8	22.21	25.61	15.7	90.9	6.82	7.91	12:38:15	0.04	327.0
				9.0	22.26	25.47	13.4	91.3	6.85	7.91	12:39:23	0.44	130.9
				8.0	22.32	25.37	11.1	91.8	6.89	7.92	12:41:05	1.00	84.3
				6.8	22.51	24.92	6.8	93.5	7.01	7.92	12:42:03	1.00	121.3

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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	22.62	24.37	6.3	93.5	7.01	7.91	12:43:09	0.30	88.3
				4.9	22.65	23.86	5.5	93.1	7.00	7.91	12:44:42	0.86	109.4
				3.8	22.67	23.52	4.9	92.6	6.97	7.90	12:45:46	1.02	120.0
				3.1	22.61	23.42	5.0	92.1	6.95	7.90	12:46:45	0.99	160.4
				2.1	22.62	23.34	4.8	92.1	6.95	7.89	12:47:46	0.72	121.4
				1.0	22.65	23.11	4.7	91.9	6.94	7.88	12:48:53	0.94	30.4
				18.0	21.56	28.03	11.5	87.9	6.58	7.88	12:50:45	0.29	7.9
				17.1	21.56	28.00	11.6	88.3	6.61	7.87	12:51:45	0.20	146.5
				16.2	21.56	27.97	11.7	88.2	6.60	7.87	12:52:44	0.23	292.8
				14.9	21.58	27.87	13.7	88.5	6.63	7.87	12:53:51	0.18	280.3
				14.0	21.60	27.77	12.0	88.6	6.64	7.87	12:54:48	0.41	165.3
				13.0	22.09	26.12	14.7	90.5	6.79	7.92	12:55:57	0.04	42.0
				11.9	22.11	26.07	15.4	90.8	6.81	7.92	12:56:54	0.62	39.9
				11.1	22.25	25.58	19.6	91.4	6.85	7.94	12:57:57	0.16	53.1
				10.1	22.25	25.56	20.2	91.4	6.85	7.94	12:58:57	0.43	48.1
				9.0	22.33	25.29	19.5	91.9	6.89	7.93	12:59:55	0.66	32.7
				7.8	22.39	24.95	14.2	92.0	6.91	7.91	13:01:41	1.04	71.3
				7.0	22.47	24.29	7.8	88.4	6.65	7.89	13:03:48	1.03	135.7
				5.8	22.50	23.81	5.8	86.8	6.55	7.88	13:05:38	0.91	101.0
				5.1	22.48	23.74	5.8	86.4	6.52	7.87	13:06:43	1.64	116.6
				3.8	22.46	23.54	5.8	85.5	6.46	7.87	13:08:03	0.92	130.8
				2.9	22.46	23.56	5.7	83.7	6.33	7.86	13:10:11	0.98	105.1
				2.0	22.54	23.28	5.5	83.8	6.34	7.85	13:11:31	0.44	298.2
				1.3	22.67	23.21	5.4	87.2	6.58	7.84	13:12:38	0.45	94.8
				18.0	21.54	28.11	34.7	86.2	6.46	7.87	13:14:32	0.78	283.8
				17.1	21.55	28.03	21.7	85.8	6.43	7.87	13:15:36	0.58	335.3
				16.3	21.65	27.55	24.6	85.4	6.40	7.87	13:16:33	0.21	296.6
				15.1	21.78	27.14	28.5	85.5	6.41	7.88	13:17:31	0.05	306.7
				14.1	22.23	25.56	32.7	85.1	6.39	7.91	13:18:30	0.45	17.5
				13.0	22.28	25.34	23.4	85.5	6.42	7.89	13:19:29	0.25	87.9
				12.3	22.28	25.31	21.9	85.5	6.42	7.89	13:20:26	0.39	359.4
				11.0	22.30	25.19	21.0	85.4	6.41	7.89	13:21:25	0.29	74.9
				10.0	22.42	24.34	12.1	85.0	6.40	7.88	13:22:24	0.65	119.0
				8.9	22.40	24.58	12.9	85.0	6.39	7.89	13:23:35	0.65	122.8
				7.3	22.42	24.53	10.9	85.0	6.39	7.88	13:24:32	0.69	132.4
				5.9	22.43	24.34	10.3	85.0	6.40	7.88	13:25:35	0.81	94.0
				5.1	22.45	24.10	7.5	85.6	6.46	7.88	13:26:35	1.23	101.7

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				3.9	22.45	24.04	6.9	84.7	6.39	7.87	13:27:38	1.79	106.6
				2.9	22.46	23.78	6.5	85.2	6.44	7.86	13:28:40	0.85	153.6
				2.2	22.51	23.41	5.3	84.7	6.41	7.83	13:29:42	0.78	124.6
				1.0	22.57	23.11	5.4	85.6	6.48	7.82	13:30:42	0.99	131.7