

WATER COLUMN PROFILING FOR ESC CMP Vd													
05-01-2018													
Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
Downstream	812136.8	822151.6	Mid Flood	13.0	18.79	28.01	49.8	93.1	7.34	8.00	10:58:19	0.39	93.6
				13.0	18.81	30.02	31.0	93.0	7.24	8.00	11:14:15	0.71	265.3
				13.0	18.79	29.93	13.9	93.3	7.27	7.98	11:30:49	0.10	161.9
				13.0	18.77	30.22	8.4	94.2	7.33	7.99	11:48:26	0.22	187.6
				12.0	18.80	27.90	28.2	93.5	7.38	8.00	10:59:21	0.40	337.3
				12.0	18.84	30.03	34.3	93.3	7.26	7.99	11:15:35	0.11	319.4
				12.0	18.79	29.98	10.5	93.6	7.29	7.98	11:32:07	0.41	233.2
				12.0	18.77	30.16	8.5	94.1	7.32	7.99	11:49:20	0.37	202.0
				11.0	18.79	27.31	26.3	93.5	7.40	8.00	11:00:33	0.44	24.4
				11.0	18.87	28.89	22.5	93.4	7.31	7.99	11:16:40	0.10	224.2
				11.0	18.80	30.00	8.9	93.7	7.30	7.98	11:33:08	0.39	278.1
				11.0	18.75	30.19	6.3	94.2	7.34	8.00	11:50:50	0.12	315.0
				10.0	18.81	29.18	24.0	94.0	7.36	8.00	11:02:13	0.20	81.8
				10.0	18.87	28.81	13.8	93.8	7.35	7.99	11:17:36	0.43	297.1
				10.0	18.80	30.01	9.5	93.7	7.30	7.98	11:34:10	1.03	24.5
				10.0	18.75	30.03	6.5	94.0	7.33	7.99	11:53:24	0.54	226.7
				9.0	18.84	28.89	12.2	93.9	7.36	8.00	11:03:12	0.52	268.2
				9.0	18.87	29.37	14.4	93.9	7.33	7.99	11:18:48	0.55	243.8
				9.0	18.79	30.03	8.0	94.0	7.32	7.98	11:35:12	0.18	114.6
				9.0	18.74	30.19	6.0	94.2	7.34	7.99	11:54:17	0.62	324.3
				8.0	18.84	28.93	11.7	94.2	7.38	8.00	11:04:13	0.08	88.5
				8.0	18.87	28.16	14.4	93.8	7.37	7.99	11:19:49	0.25	166.3
				8.0	18.79	30.04	9.7	93.6	7.29	7.98	11:37:51	0.32	303.2
				8.0	18.74	30.22	7.1	94.2	7.33	7.99	11:56:18	0.48	58.0
				7.0	18.85	24.37	8.4	94.3	7.59	8.00	11:05:25	0.16	186.5
				7.0	18.86	27.66	13.3	93.8	7.40	7.99	11:20:54	0.46	185.1
				7.0	18.79	30.01	10.9	93.8	7.31	7.98	11:39:05	0.47	247.6
				7.0	18.76	30.22	6.9	94.3	7.34	7.99	11:57:25	0.45	275.8
				6.0	18.84	28.75	10.2	94.4	7.41	8.00	11:06:28	0.83	250.8
				6.0	18.86	27.35	11.7	94.2	7.45	7.99	11:22:22	0.63	103.8
				6.0	18.79	30.05	11.7	93.5	7.28	7.98	11:40:03	0.20	55.0
				6.0	18.77	30.20	6.6	94.2	7.34	7.99	11:58:38	0.37	135.2
				5.0	18.85	29.17	12.8	94.4	7.38	8.00	11:07:35	0.33	259.2
				5.0	18.86	29.70	18.0	94.0	7.33	7.99	11:24:06	0.36	236.5
				5.0	18.79	30.07	11.3	93.7	7.30	7.98	11:41:10	0.55	340.3
Downstream	812136.8	822151.6	Mid Flood	5.0	18.77	27.56	6.7	94.2	7.45	7.99	12:00:07	0.15	304.9
				4.0	18.85	29.79	8.3	94.5	7.36	7.99	11:08:54	0.51	331.9

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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	18.86	29.88	15.4	94.0	7.32	7.99	11:25:31	0.34	6.4
				4.0	18.78	29.74	13.1	93.5	7.29	7.98	11:42:07	0.92	324.3
				4.0	18.78	30.07	6.0	94.5	7.36	7.99	12:01:15	0.58	329.5
				3.0	18.85	29.91	11.9	94.5	7.36	7.99	11:10:11	0.11	264.2
				3.0	18.86	29.91	15.0	94.1	7.32	7.99	11:26:34	0.28	187.0
				3.0	18.78	30.04	11.3	94.1	7.33	7.98	11:43:04	0.53	288.6
				3.0	18.82	27.62	4.6	94.6	7.47	7.98	12:03:03	0.43	8.5
				2.0	18.85	29.96	9.1	94.9	7.38	7.99	11:11:37	0.37	234.0
				2.0	18.85	29.70	10.6	94.4	7.36	7.99	11:27:30	0.71	7.3
				2.0	18.80	30.08	8.8	94.3	7.34	7.98	11:44:08	0.47	326.0
				2.0	18.87	29.51	4.3	95.2	7.42	7.98	12:04:01	0.69	176.7
				1.0	18.88	29.96	9.0	95.0	7.39	7.99	11:12:36	0.06	337.7
				1.0	18.90	29.96	8.4	94.6	7.36	7.99	11:28:47	0.46	143.7
				1.0	18.80	30.11	8.2	94.3	7.34	7.98	11:45:28	0.73	214.0
				1.0	18.85	29.64	3.7	95.3	7.44	7.98	12:04:59	1.24	184.9
Upstream	812392.6	821974.5	Mid Flood	16.0	18.73	30.27	4.7	95.8	7.46	7.98	12:26:41	0.61	62.4
				16.0	18.76	30.27	2.9	95.8	7.45	7.98	12:46:29	0.68	41.9
				16.0	18.78	22.07	3.3	95.4	7.80	7.98	13:04:13	0.73	351.4
				16.0	18.77	30.72	2.8	95.3	7.40	7.96	13:23:13	0.55	288.7
				15.0	18.73	30.27	4.2	95.8	7.46	7.98	12:28:31	0.51	14.2
				15.0	18.77	30.24	3.6	95.9	7.46	7.98	12:47:56	0.42	77.7
				15.0	18.78	20.94	2.9	95.3	7.84	7.98	13:05:29	0.08	115.6
				15.0	18.77	30.09	2.5	95.2	7.41	7.97	13:24:09	0.35	175.4
				14.0	18.74	30.26	3.8	95.9	7.47	7.98	12:30:08	0.39	89.1
				14.0	18.78	28.47	3.4	95.9	7.54	7.98	12:49:21	0.68	345.8
				14.0	18.78	21.85	2.8	95.6	7.82	7.98	13:06:40	0.15	181.5
				14.0	18.81	30.08	2.3	95.6	7.44	7.97	13:25:13	0.54	55.2
				13.0	18.74	30.26	3.5	96.0	7.47	7.98	12:31:30	0.15	4.6
				13.0	18.79	30.24	2.8	96.1	7.48	7.98	12:50:26	0.55	264.6
				13.0	18.77	22.46	2.9	95.6	7.79	7.98	13:07:54	0.18	52.1
				13.0	18.81	30.09	2.5	95.6	7.44	7.97	13:26:06	0.46	83.7
				12.0	18.75	30.23	4.4	95.9	7.46	7.98	12:32:56	0.52	128.9
				12.0	18.80	30.23	2.7	96.3	7.49	7.98	12:51:24	0.15	288.8
				12.0	18.77	23.90	2.7	95.4	7.71	7.98	13:08:56	0.37	252.5
				12.0	18.81	30.08	2.4	95.8	7.46	7.96	13:27:00	0.50	257.8
				11.0	18.74	30.24	3.6	95.8	7.46	7.98	12:34:04	0.44	336.2
				11.0	18.80	30.24	3.0	96.2	7.48	7.98	12:52:26	0.10	328.7

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				11.0	18.77	25.95	2.7	95.6	7.63	7.98	13:09:58	0.13	281.5
Upstream	812392.6	821974.5	Mid Flood	11.0	18.81	30.07	2.4	95.7	7.45	7.96	13:27:53	0.38	289.2
				10.0	18.74	30.24	3.8	95.8	7.46	7.98	12:35:07	0.32	305.6
				10.0	18.80	30.01	2.9	95.9	7.47	7.98	12:53:24	0.44	264.9
				10.0	18.79	26.94	2.5	95.7	7.60	7.98	13:11:06	0.29	13.8
				10.0	18.82	30.06	2.4	95.7	7.45	7.96	13:28:52	0.33	342.3
				9.0	18.76	30.23	3.6	96.3	7.50	7.98	12:36:14	0.47	321.9
				9.0	18.83	30.17	4.0	96.7	7.52	7.97	12:54:20	0.22	219.3
				9.0	18.80	28.32	2.8	95.6	7.52	7.97	13:12:27	0.47	215.0
				9.0	18.82	30.07	3.1	95.8	7.45	7.96	13:30:52	0.68	3.0
				8.0	18.74	30.24	3.5	96.3	7.50	7.98	12:37:23	0.61	50.8
				8.0	18.84	30.19	2.8	96.6	7.51	7.97	12:55:17	0.15	83.0
				8.0	18.82	28.57	2.5	96.0	7.54	7.96	13:13:34	0.45	335.4
				8.0	18.82	30.19	2.6	95.8	7.45	7.96	13:47:34	0.47	324.3
				7.0	18.76	30.21	3.3	96.7	7.53	7.98	12:38:32	0.28	38.5
				7.0	18.80	30.23	2.7	96.4	7.50	7.97	12:56:12	0.75	351.6
				7.0	18.82	29.24	2.7	96.2	7.52	7.96	13:14:37	0.34	336.5
				7.0	18.81	30.15	2.9	95.7	7.45	7.96	13:48:31	0.60	22.4
				6.0	18.77	30.21	3.1	96.8	7.53	7.98	12:39:32	0.51	335.4
				6.0	18.83	27.91	2.6	96.4	7.60	7.97	12:57:10	0.06	98.3
				6.0	18.82	29.51	2.8	96.0	7.50	7.96	13:15:37	0.27	295.1
				6.0	18.82	30.13	2.1	95.8	7.46	7.96	13:49:29	0.39	171.0
				5.0	18.81	30.23	3.1	97.1	7.55	7.98	12:40:32	0.58	55.2
				5.0	18.85	28.84	2.6	96.8	7.59	7.97	12:58:11	1.22	345.8
				5.0	18.82	29.68	2.5	96.2	7.50	7.96	13:16:43	0.72	294.2
				5.0	18.84	29.97	2.0	95.8	7.46	7.96	13:50:25	0.28	17.1
				4.0	18.92	30.15	2.5	97.6	7.58	7.97	12:41:34	0.74	68.6
				4.0	18.88	29.12	2.4	96.8	7.57	7.97	12:59:13	0.11	239.0
				4.0	18.82	29.80	2.7	96.1	7.49	7.96	13:17:39	0.33	282.6
				4.0	18.85	30.09	2.2	95.8	7.45	7.96	13:54:00	0.58	98.3
				3.0	18.90	30.15	2.7	97.7	7.59	7.97	12:42:44	0.22	290.8
				3.0	18.86	26.27	2.8	96.8	7.70	7.97	13:00:16	0.62	250.8
				3.0	18.84	29.88	2.7	96.1	7.49	7.96	13:18:44	0.37	112.4
				3.0	18.86	30.15	2.3	95.9	7.45	7.96	13:54:57	0.20	245.2
				2.0	18.94	30.12	2.2	97.8	7.59	7.97	12:43:45	0.04	175.7
				2.0	18.86	25.07	2.6	96.6	7.74	7.97	13:01:20	0.21	284.6
				2.0	18.87	29.91	2.8	96.2	7.49	7.96	13:19:42	0.46	311.6

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Pos. No.	Easting	Northing	Tide	Depth	Temp.	Salinity	Turbidity(Ntu)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
				2.0	18.88	30.14	2.1	96.5	7.50	7.96	13:55:54	0.70	169.4
				1.0	18.95	30.11	2.3	97.8	7.59	7.97	12:44:40	0.90	255.8
				1.0	18.92	25.34	2.4	96.7	7.73	7.97	13:02:16	0.26	203.1
				1.0	18.87	29.96	2.3	96.5	7.51	7.96	13:21:34	0.30	7.8
				1.0	18.89	30.14	2.3	96.4	7.49	7.96	13:56:54	0.13	153.8