

**ROUTINE WATER QUALITY MONITORING for ESC CMP Vb**

Date: 4 Apr 2023													
Pos. No.	Eastings	Northing	Tide	Depth	Temp.	Salinity	Turbidity(NTU)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-RFE5	809446.2	824023.6	Mid Ebb	14.3	21.61	31.52	5.43	88.9	6.52	7.99	11:01:00	0.31	222.4
ESC-RFE5	809442.1	824023.2	Mid Ebb	13.3	21.61	31.50	5.73	87.3	6.40	8.00	11:01:30	0.55	106.2
ESC-RFE5	809438.5	824027.7	Mid Ebb	12.1	21.61	31.49	5.73	87.1	6.38	8.00	11:01:56	0.15	113.9
ESC-RFE5	809433.6	824028.7	Mid Ebb	11.0	21.61	31.48	5.73	86.5	6.34	8.01	11:02:25	0.67	118.6
ESC-RFE5	809428.8	824026.1	Mid Ebb	10.1	21.61	31.47	5.93	86.3	6.33	8.01	11:03:00	0.18	331.4
ESC-RFE5	809425.5	824026.6	Mid Ebb	9.0	21.62	31.42	5.04	86.0	6.31	8.02	11:03:24	0.39	70.9
ESC-RFE5	809421.3	824027.6	Mid Ebb	8.1	21.62	31.39	4.64	86.6	6.35	8.02	11:03:52	0.22	160.8
ESC-RFE5	809416.6	824024.3	Mid Ebb	7.1	21.64	31.16	4.24	87.0	6.39	8.02	11:04:17	0.73	165.5
ESC-RFE5	809412.5	824023.7	Mid Ebb	6.1	21.67	30.74	4.24	87.4	6.43	8.02	11:04:41	1.56	60.8
ESC-RFE5	809408.9	824023.7	Mid Ebb	5.0	21.71	30.27	4.44	87.7	6.46	8.02	11:05:05	0.49	125.2
ESC-RFE5	809404.6	824023.7	Mid Ebb	4.0	21.76	29.76	4.04	88.5	6.54	8.02	11:05:30	0.34	96.9
ESC-RFE5	809399.1	824023.8	Mid Ebb	3.1	21.95	27.98	3.44	89.1	6.63	8.01	11:05:59	1.73	299.7
ESC-RFE5	809394.7	824022.6	Mid Ebb	2.1	22.17	27.54	3.24	90.1	6.69	7.98	11:06:23	1.12	102.2
ESC-RFE5	809390.4	824023.7	Mid Ebb	1.3	22.19	27.50	3.14	90.4	6.71	7.98	11:06:46	0.27	69.7
ESC-RFE4	809183.4	823766.5	Mid Ebb	10.2	21.60	31.48	7.03	91.0	6.68	8.01	11:12:06	0.33	111.7
ESC-RFE4	809176.6	823704.2	Mid Ebb	9.1	21.59	31.46	6.53	88.4	6.49	8.01	11:12:38	0.68	60.4
ESC-RFE4	809177.3	823715.5	Mid Ebb	7.9	21.64	31.04	5.43	87.5	6.43	8.01	11:13:06	0.36	14.2
ESC-RFE4	809177.0	823720.8	Mid Ebb	7.1	21.65	30.90	5.23	87.4	6.43	8.01	11:13:48	0.36	217.7
ESC-RFE4	809179.5	823726.6	Mid Ebb	6.0	21.68	30.64	4.94	96.8	7.13	8.01	11:14:16	0.51	146.3
ESC-RFE4	809176.7	823732.2	Mid Ebb	5.2	21.71	30.28	4.84	101.9	7.51	8.01	11:14:47	0.58	106.2
ESC-RFE4	809174.0	823736.8	Mid Ebb	4.1	21.73	30.04	4.44	104.4	7.71	8.01	11:15:21	1.71	153.9
ESC-RFE4	809172.1	823741.2	Mid Ebb	3.0	21.79	29.27	4.04	104.9	7.76	8.01	11:15:51	0.28	207.5
ESC-RFE4	809168.6	823746.6	Mid Ebb	2.0	21.98	28.27	3.54	103.3	7.66	7.99	11:16:31	0.10	303.9
ESC-RFE4	809166.9	823750.8	Mid Ebb	1.1	22.08	27.74	3.24	101.3	7.52	7.98	11:16:58	0.51	162.5
ESC-RFE3	808962.7	823380.2	Mid Ebb	8.0	21.61	31.31	7.13	91.6	6.72	8.01	11:21:41	0.61	97.2
ESC-RFE3	808966.3	823380.7	Mid Ebb	7.1	21.61	31.25	7.13	96.6	7.09	8.01	11:22:07	0.25	20.7
ESC-RFE3	808966.0	823384.9	Mid Ebb	6.1	21.63	31.08	5.93	101.1	7.43	8.01	11:22:33	0.52	148.3
ESC-RFE3	808966.2	823386.8	Mid Ebb	5.0	21.71	30.38	5.13	104.3	7.68	8.01	11:23:05	0.54	112.2
ESC-RFE3	808965.6	823388.7	Mid Ebb	4.2	21.74	29.86	4.64	105.1	7.76	8.01	11:23:32	0.16	138.5
ESC-RFE3	808963.7	823393.4	Mid Ebb	3.1	21.85	29.43	5.13	105.1	7.76	8.00	11:23:56	0.52	23.4
ESC-RFE3	808962.8	823395.9	Mid Ebb	1.9	22.14	27.09	3.94	104.4	7.78	7.98	11:24:27	1.32	211.8
ESC-RFE3	808958.8	823396.7	Mid Ebb	0.9	22.20	26.85	3.44	102.4	7.63	7.97	11:24:55	1.32	211.8
ESC-RFE2	808761.3	823066.6	Mid Ebb	6.1	21.65	31.11	5.83	88.1	6.47	8.00	11:30:45	1.02	116.2
ESC-RFE2	808759.6	823065.7	Mid Ebb	5.1	21.71	30.28	5.53	87.6	6.46	8.01	11:31:10	0.34	190.4
ESC-RFE2	808758.3	823063.6	Mid Ebb	4.0	21.73	30.03	4.74	87.5	6.46	7.99	11:31:38	0.50	70.0
ESC-RFE2	808757.5	823063.7	Mid Ebb	3.2	21.90	28.73	5.13	88.2	6.54	7.99	11:32:05	1.47	236.2
ESC-RFE2	808756.6	823065.7	Mid Ebb	2.1	22.15	27.13	3.84	89.1	6.63	7.96	11:32:32	1.65	34.0
ESC-RFE2	808755.8	823067.8	Mid Ebb	1.1	22.16	27.07	3.74	89.4	6.66	7.96	11:32:58	0.72	266.8
ESC-RFE1	808543.7	822769.6	Mid Ebb	6.1	21.68	30.98	6.93	92.0	6.76	7.99	11:37:39	0.45	182.9
ESC-RFE1	808542.7	822771.4	Mid Ebb	5.0	21.72	30.09	5.04	89.5	6.60	7.99	11:38:06	0.72	297.6
ESC-RFE1	808541.6	822770.2	Mid Ebb	4.0	21.73	29.99	5.04	88.9	6.56	7.99	11:38:32	1.09	322.4
ESC-RFE1	808537.1	822766.0	Mid Ebb	3.0	21.73	29.99	5.23	88.8	6.55	8.00	11:38:57	0.96	129.2
ESC-RFE1	808533.2	822762.5	Mid Ebb	2.2	21.91	28.51	5.73	88.9	6.60	7.99	11:39:28	0.39	233.1
ESC-RFE1	808531.9	822762.4	Mid Ebb	1.1	22.16	27.06	4.04	89.5	6.67	7.96	11:39:56	0.80	358.1
ESC-IPE2	810953.4	822210.3	Mid Ebb	6.9	21.62	31.14	6.13	91.2	6.70	8.00	11:52:17	1.39	101.0
ESC-IPE2	810958.7	822200.8	Mid Ebb	6.1	21.65	30.87	5.23	89.9	6.61	8.00	11:52:49	0.70	122.1
ESC-IPE2	810937.5	822204.0	Mid Ebb	5.3	21.65	30.86	5.33	89.2	6.56	7.99	11:53:42	0.73	80.4
ESC-IPE2	810937.3	822215.4	Mid Ebb	4.0	21.68	30.51	4.94	89.2	6.57	7.99	11:54:17	0.52	129.3
ESC-IPE2	810944.7	822226.3	Mid Ebb	3.3	21.72	30.10	5.13	89.0	6.56	7.99	11:54:45	1.00	46.6
ESC-IPE2	810958.0	822234.3	Mid Ebb	2.0	21.79	29.10	4.44	89.4	6.62	7.99	11:55:11	0.85	141.8
ESC-IPE2	810972.5	822240.9	Mid Ebb	1.2	22.28	26.76	4.04	89.8	6.68	7.95	11:55:41	1.42	101.0
ESC-IPE1	811786.6	822318.8	Mid Ebb	8.0	21.60	31.42	5.63	92.0	6.75	7.99	12:04:01	0.20	59.5
ESC-IPE1	811793.6	822319.6	Mid Ebb	7.1	21.60	31.37	6.03	89.9	6.60	7.99	12:04:27	0.84	127.6
ESC-IPE1	811800.0	822320.1	Mid Ebb	6.1	21.63	31.02	4.84	89.0	6.54	7.99	12:04:51	1.27	59.9
ESC-IPE1	811801.5	822311.6	Mid Ebb	5.0	21.65	30.87	4.64	88.7	6.52	7.99	12:05:18	0.95	119.1
ESC-IPE1	811806.8	822303.2	Mid Ebb	4.3	21.68	30.48	4.44	88.7	6.53	8.00	12:05:47	0.29	145.0
ESC-IPE1	811812.9	822299.3	Mid Ebb	3.0	21.84	28.71	3.74	89.4	6.63	7.98	12:06:14	1.13	92.2
ESC-IPE1	811819.8	822297.4	Mid Ebb	2.2	22.22	27.19	3.44	90.1	6.70	7.95	12:06:40	0.79	326.1
ESC-IPE1	811827.8	822296.7	Mid Ebb	1.3	22.24	27.14	3.44	90.1	6.70	7.95	12:07:11	0.81	91.4
ESC-IPE3	811755.6	821927.7	Mid Ebb	7.0	21.60	31.28	6.13	91.4	6.71	8.00	12:11:46	0.38	194.8
ESC-IPE3	811755.4	821928.5	Mid Ebb	6.0	21.63	31.02	5.93	89.3	6.57	8.00	12:12:15	0.14	70.8
ESC-IPE3	811758.8	821928.4	Mid Ebb	5.1	21.69	30.68	4.74	88.6	6.52	8.00	12:12:46	0.47	8.1
ESC-IPE3	811755.6	821930.2	Mid Ebb	3.8	21.71	30.27	4.44	89.0	6.56	7.99	12:13:13	0.20	152.7
ESC-IPE3	811756.9	821931.3	Mid Ebb	3.0	21.79	29.24	4.44	89.4	6.62	7.99	12:13:51	0.96	101.7
ESC-IPE3	811754.1	821932.7	Mid Ebb	2.2	21.99	28.62	3.64	89.7	6.64	7.97	12:14:23	1.36	125.8
ESC-IPE3	811768.0	821930.6	Mid Ebb	0.9	22.29	26.90	3.84	90.4	6.73	7.94	12:15:04	0.72	121.3

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Date: 4 Apr 2023													
Pos. No.	Eastings	Northing	Tide	Depth	Temp.	Salinity	Turbidity(NTU)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
ESC-IPE4	812404.6	821720.0	Mid Ebb	6.2	21.63	31.15	5.23	91.2	6.70	7.98	12:21:49	0.89	74.7
ESC-IPE4	812403.6	821716.5	Mid Ebb	4.9	21.72	30.40	4.24	90.1	6.63	7.98	12:22:18	0.46	98.5
ESC-IPE4	812400.8	821712.8	Mid Ebb	4.2	21.78	29.75	4.14	90.0	6.64	7.97	12:22:51	0.54	53.2
ESC-IPE4	812402.1	821709.0	Mid Ebb	3.2	21.83	28.90	3.84	90.0	6.67	7.97	12:23:18	0.97	129.7
ESC-IPE4	812409.1	821703.8	Mid Ebb	2.0	22.08	27.66	3.64	90.3	6.71	7.95	12:23:52	0.64	105.4
ESC-IPE4	812415.8	821699.9	Mid Ebb	1.1	22.14	27.42	3.64	90.2	6.71	7.95	12:24:16	0.64	105.4
ESC-IPE5	812885.4	822056.5	Mid Ebb	7.2	21.61	31.46	5.13	91.6	6.72	7.99	12:30:23	0.34	144.4
ESC-IPE5	812889.3	822057.6	Mid Ebb	6.1	21.61	31.36	4.84	94.8	6.96	7.99	12:30:57	0.38	165.6
ESC-IPE5	812892.0	822059.4	Mid Ebb	5.1	21.63	31.11	4.44	97.0	7.13	7.99	12:31:23	0.62	82.3
ESC-IPE5	812892.8	822062.6	Mid Ebb	4.2	21.66	30.82	4.04	99.9	7.35	7.99	12:31:58	0.18	130.5
ESC-IPE5	812891.1	822061.2	Mid Ebb	3.0	21.75	30.33	3.84	101.3	7.46	7.98	12:32:32	1.49	98.2
ESC-IPE5	812891.2	822061.0	Mid Ebb	2.1	21.79	29.36	3.44	100.8	7.46	7.98	12:33:08	1.14	168.2
ESC-IPE5	812895.4	822061.3	Mid Ebb	1.1	22.16	27.55	3.44	99.1	7.36	7.95	12:33:40	0.97	147.8
ESC-INE5	814250.8	821210.7	Mid Ebb	4.9	21.74	30.96	4.34	88.2	6.47	7.97	12:44:15	0.85	96.4
ESC-INE5	814256.0	821211.6	Mid Ebb	3.9	21.75	30.90	4.24	88.4	6.49	7.97	12:44:49	0.23	118.5
ESC-INE5	814260.5	821212.1	Mid Ebb	3.0	21.79	30.72	3.94	89.0	6.54	7.98	12:45:26	0.10	200.0
ESC-INE5	814266.2	821212.9	Mid Ebb	1.9	21.86	30.30	3.54	89.9	6.61	7.98	12:46:01	0.55	111.2
ESC-INE5	814260.3	821215.2	Mid Ebb	1.0	22.11	28.55	3.14	91.2	6.74	7.96	12:46:37	0.68	64.5
ESC-INE2	813976.9	821824.4	Mid Ebb	5.2	21.69	30.96	5.43	90.0	6.61	7.98	12:55:38	0.79	89.4
ESC-INE2	813973.1	821824.8	Mid Ebb	4.0	21.73	30.63	4.44	89.5	6.58	7.97	12:56:10	0.67	47.5
ESC-INE2	813972.7	821824.3	Mid Ebb	3.1	21.78	29.92	3.64	90.0	6.64	7.97	12:56:49	1.73	69.5
ESC-INE2	813971.9	821819.6	Mid Ebb	2.0	21.91	28.95	3.44	90.4	6.69	7.96	12:57:33	1.75	83.8
ESC-INE2	813971.7	821814.4	Mid Ebb	1.1	22.26	27.39	3.64	91.0	6.75	7.93	12:58:04	0.36	313.8
ESC-INE1	814049.8	822443.0	Mid Ebb	11.1	21.65	31.31	12.41	90.5	6.64	7.97	13:04:27	0.71	61.1
ESC-INE1	814051.1	822443.7	Mid Ebb	9.8	21.66	31.22	11.22	89.3	6.55	7.97	13:05:01	1.05	62.4
ESC-INE1	814050.0	822440.8	Mid Ebb	9.1	21.66	31.16	8.52	88.9	6.53	7.97	13:05:43	0.66	104.7
ESC-INE1	814051.1	822437.9	Mid Ebb	8.0	21.69	30.98	6.13	88.9	6.53	7.97	13:06:19	0.67	67.6
ESC-INE1	814049.3	822439.6	Mid Ebb	6.7	21.73	30.50	4.44	88.8	6.54	7.97	13:06:53	0.66	115.6
ESC-INE1	814049.7	822441.9	Mid Ebb	6.2	21.73	30.52	3.74	89.2	6.56	7.97	13:07:33	0.82	107.1
ESC-INE1	814052.4	822447.1	Mid Ebb	4.9	21.76	30.18	3.44	89.5	6.60	7.97	13:08:21	0.61	112.0
ESC-INE1	814051.7	822448.3	Mid Ebb	4.1	21.76	30.17	3.54	89.5	6.60	7.97	13:09:07	1.38	84.9
ESC-INE1	814049.7	822446.3	Mid Ebb	3.0	21.77	30.11	3.54	90.1	6.64	7.97	13:09:47	0.67	81.3
ESC-INE1	814051.0	822442.7	Mid Ebb	2.0	22.01	28.53	3.14	90.9	6.74	7.95	13:10:28	1.03	121.2
ESC-INE1	814050.0	822439.6	Mid Ebb	0.7	22.18	27.65	3.04	91.6	6.80	7.94	13:10:59	1.11	73.4
ESC-INE4	814546.2	822119.2	Mid Ebb	8.8	21.66	31.07	9.12	91.8	6.74	7.97	13:16:45	1.25	42.7
ESC-INE4	814542.3	822121.1	Mid Ebb	8.3	21.66	31.07	8.72	89.8	6.59	7.97	13:17:16	0.43	39.9
ESC-INE4	814546.1	822131.3	Mid Ebb	7.1	21.70	30.70	6.33	88.8	6.53	7.96	13:18:05	0.75	46.7
ESC-INE4	814546.3	822132.6	Mid Ebb	5.9	21.73	30.39	5.63	89.0	6.55	7.96	13:18:43	0.39	44.0
ESC-INE4	814546.0	822134.0	Mid Ebb	5.3	21.77	30.10	4.44	89.3	6.58	7.96	13:19:19	0.33	108.1
ESC-INE4	814547.2	822133.3	Mid Ebb	4.3	21.81	29.75	3.74	90.0	6.64	7.96	13:20:01	0.66	92.7
ESC-INE4	814548.5	822132.4	Mid Ebb	3.1	21.99	28.73	3.54	91.0	6.73	7.94	13:20:42	1.22	125.3
ESC-INE4	814549.5	822130.8	Mid Ebb	2.2	22.13	28.00	3.24	91.2	6.76	7.93	13:21:20	0.60	124.3
ESC-INE4	814553.2	822126.8	Mid Ebb	1.0	22.21	27.62	3.14	91.7	6.80	7.93	13:21:59	0.78	39.2
ESC-INE3	814577.5	822623.7	Mid Ebb	13.8	21.63	31.43	12.21	90.0	6.60	7.96	13:27:54	0.44	53.0
ESC-INE3	814578.2	822624.1	Mid Ebb	13.1	21.64	31.39	11.62	89.0	6.53	7.96	13:28:27	0.47	60.6
ESC-INE3	814579.4	822624.2	Mid Ebb	12.0	21.65	31.30	11.62	88.5	6.49	7.96	13:28:58	0.55	50.9
ESC-INE3	814578.8	822624.5	Mid Ebb	10.9	21.67	31.11	8.52	88.3	6.48	7.96	13:29:33	0.73	64.3
ESC-INE3	814579.8	822625.8	Mid Ebb	9.9	21.67	31.08	7.63	88.1	6.47	7.96	13:30:13	0.46	63.5
ESC-INE3	814580.7	822629.0	Mid Ebb	9.1	21.67	31.06	6.93	88.2	6.48	7.96	13:30:50	0.45	68.3
ESC-INE3	814579.1	822628.6	Mid Ebb	8.3	21.68	30.99	5.83	88.5	6.50	7.96	13:31:35	0.45	75.0
ESC-INE3	814580.2	822627.3	Mid Ebb	6.9	21.70	30.84	3.94	88.5	6.50	7.96	13:32:08	0.70	105.4
ESC-INE3	814580.1	822625.9	Mid Ebb	5.9	21.72	30.58	3.54	89.1	6.56	7.96	13:32:48	0.85	132.3
ESC-INE3	814582.3	822625.2	Mid Ebb	5.1	21.74	30.44	3.44	89.2	6.57	7.96	13:33:32	0.60	174.3
ESC-INE3	814580.7	822625.9	Mid Ebb	3.6	21.78	30.15	3.34	89.3	6.58	7.96	13:34:07	0.62	137.2
ESC-INE3	814580.8	822631.9	Mid Ebb	3.0	21.88	29.58	3.34	89.9	6.63	7.95	13:35:03	1.24	82.3
ESC-INE3	814577.1	822631.1	Mid Ebb	2.2	22.19	27.80	2.94	91.7	6.80	7.94	13:35:42	0.56	20.9
ESC-INE3	814575.9	822631.2	Mid Ebb	1.1	22.23	27.56	2.94	92.3	6.85	7.93	13:36:14	0.89	110.7

ROUTINE WATER QUALITY MONITORING for ESC CMP Vb													
Date: 4 Apr 2023													
Pos. No.	Eastings	Northing	Tide	Depth	Temp.	Salinity	Turbidity(NTU)	D.O.(%)	D.O.(mg/l)	pH	Time	Speed	Direction
MW1	823600.1	823648.8	Mid Ebb	18.1	21.63	32.28	3.44	90.5	6.60	7.98	14:12:39	0.82	197.3
MW1	823602.5	823650.4	Mid Ebb	17.1	21.64	32.25	4.44	89.4	6.52	7.98	14:13:08	0.53	313.6
MW1	823599.4	823652.6	Mid Ebb	16.1	21.61	32.32	7.03	88.9	6.49	7.98	14:13:41	0.22	179.0
MW1	823602.6	823655.9	Mid Ebb	15.1	21.60	32.35	3.24	88.5	6.46	7.98	14:14:16	0.45	351.5
MW1	823602.1	823658.4	Mid Ebb	13.8	21.60	32.33	3.24	87.5	6.39	7.98	14:14:45	0.76	34.7
MW1	823596.5	823660.2	Mid Ebb	13.2	21.60	32.34	3.24	87.6	6.40	7.98	14:15:17	1.04	206.6
MW1	823597.7	823659.7	Mid Ebb	12.0	21.60	32.35	3.24	87.6	6.40	7.98	14:15:48	0.68	17.5
MW1	823606.0	823657.3	Mid Ebb	11.0	21.60	32.31	2.94	87.5	6.39	7.98	14:16:26	0.44	36.9
MW1	823604.8	823651.5	Mid Ebb	10.1	21.62	32.22	2.94	87.6	6.40	7.98	14:16:58	0.77	138.7
MW1	823605.1	823647.2	Mid Ebb	9.0	21.61	32.27	2.94	87.7	6.40	7.98	14:17:42	0.93	28.8
MW1	823601.9	823647.4	Mid Ebb	7.9	21.60	32.29	3.04	87.5	6.38	7.98	14:18:15	0.24	272.6
MW1	823596.6	823654.1	Mid Ebb	7.0	21.62	32.21	2.84	87.7	6.40	7.97	14:18:50	0.25	349.9
MW1	823599.0	823661.1	Mid Ebb	5.9	21.64	32.09	2.94	87.9	6.42	7.97	14:19:30	0.37	91.9
MW1	823594.1	823663.1	Mid Ebb	5.2	21.60	32.28	3.04	87.6	6.39	7.97	14:19:59	0.54	37.8
MW1	823593.8	823660.7	Mid Ebb	4.1	21.62	32.16	2.94	88.0	6.42	7.97	14:20:28	1.27	110.6
MW1	823603.6	823657.6	Mid Ebb	3.1	21.60	32.26	3.24	87.8	6.41	7.97	14:21:04	0.47	320.1
MW1	823613.5	823658.7	Mid Ebb	2.1	21.69	31.78	2.94	88.4	6.46	7.97	14:21:38	0.85	136.7
MW1	823622.3	823663.2	Mid Ebb	1.0	21.72	31.61	3.14	89.0	6.51	7.97	14:22:11	0.77	55.2