

ROUTINE WATER QUALITY MONITORING for ESC CMP Vd

Date: 9 May 2019

| Pos. No. | Easting | Northing | Tide | Depth (m) | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
|----------|----------|----------|-----------|-----------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| MW1 | 823592.9 | 823640.2 | Mid Flood | 10.4 | 23.93 | 28.03 | 4.0 | 83.5 | 6.00 | 8.21 | 07:43:48 | 0.23 | 320.0 |
| MW1 | 823587.0 | 823635.7 | Mid Flood | 10.3 | 23.93 | 28.02 | 3.8 | 83.2 | 5.98 | 8.17 | 07:44:15 | 0.31 | 36.9 |
| MW1 | 823577.6 | 823636.9 | Mid Flood | 10.1 | 23.93 | 28.10 | 3.8 | 83.4 | 5.99 | 8.15 | 07:44:42 | 0.46 | 283.2 |
| MW1 | 823571.1 | 823645.3 | Mid Flood | 10.5 | 23.93 | 28.21 | 3.9 | 83.4 | 5.98 | 8.13 | 07:45:06 | 0.24 | 19.9 |
| MW1 | 823567.2 | 823655.6 | Mid Flood | 10.4 | 23.93 | 28.22 | 4.0 | 83.7 | 6.00 | 8.12 | 07:45:30 | 0.23 | 261.9 |
| MW1 | 823568.3 | 823662.6 | Mid Flood | 10.7 | 23.94 | 28.29 | 3.9 | 83.4 | 5.98 | 8.11 | 07:45:53 | 0.53 | 24.7 |
| MW1 | 823572.8 | 823666.8 | Mid Flood | 10.5 | 23.93 | 28.25 | 3.9 | 83.4 | 5.98 | 8.11 | 07:46:19 | 0.60 | 81.0 |
| MW1 | 823579.7 | 823670.1 | Mid Flood | 10.6 | 23.94 | 28.31 | 4.3 | 83.4 | 5.98 | 8.10 | 07:46:49 | 0.63 | 174.9 |
| ESC-RFF1 | 815070.7 | 822353.2 | Mid Flood | 6.0 | 23.82 | 25.45 | 5.9 | 85.5 | 6.24 | 8.03 | 08:24:56 | 0.47 | 277.0 |
| ESC-RFF1 | 815069.1 | 822351.2 | Mid Flood | 6.1 | 23.83 | 25.58 | 6.0 | 84.2 | 6.14 | 8.04 | 08:25:18 | 1.03 | 230.3 |
| ESC-RFF1 | 815065.9 | 822349.0 | Mid Flood | 6.0 | 23.83 | 25.65 | 6.2 | 83.8 | 6.11 | 8.05 | 08:25:44 | 0.75 | 322.7 |
| ESC-RFF1 | 815070.8 | 822348.4 | Mid Flood | 5.3 | 23.81 | 24.20 | 6.1 | 83.7 | 6.16 | 8.05 | 08:26:12 | 0.48 | 273.5 |
| ESC-RFF1 | 815075.1 | 822351.3 | Mid Flood | 6.4 | 23.88 | 26.50 | 7.7 | 83.7 | 6.07 | 8.05 | 08:26:36 | 0.41 | 240.3 |
| ESC-RFF1 | 815075.7 | 822355.2 | Mid Flood | 6.2 | 23.87 | 26.31 | 7.5 | 83.6 | 6.07 | 8.06 | 08:27:01 | 0.69 | 274.1 |
| ESC-RFF1 | 815073.2 | 822359.2 | Mid Flood | 6.1 | 23.87 | 26.25 | 7.3 | 83.6 | 6.07 | 8.06 | 08:27:26 | 1.20 | 171.7 |
| ESC-RFF1 | 815066.8 | 822365.9 | Mid Flood | 5.9 | 23.90 | 27.06 | 8.0 | 83.6 | 6.04 | 8.06 | 08:27:54 | 0.51 | 259.1 |
| ESC-RFF2 | 814198.7 | 821742.6 | Mid Flood | 4.1 | 23.78 | 24.57 | 6.6 | 86.8 | 6.37 | 8.03 | 08:37:08 | 0.61 | 254.8 |
| ESC-RFF2 | 814188.4 | 821749.0 | Mid Flood | 3.9 | 23.78 | 24.52 | 7.3 | 83.6 | 6.14 | 8.04 | 08:37:30 | 0.39 | 251.0 |
| ESC-RFF2 | 814180.0 | 821757.9 | Mid Flood | 3.9 | 23.72 | 23.92 | 6.2 | 83.7 | 6.17 | 8.04 | 08:37:53 | 0.39 | 251.0 |
| ESC-RFF2 | 814178.1 | 821760.7 | Mid Flood | 3.8 | 23.72 | 23.92 | 5.9 | 83.8 | 6.18 | 8.04 | 08:38:15 | 0.90 | 294.9 |
| ESC-RFF2 | 814179.6 | 821758.9 | Mid Flood | 4.0 | 23.73 | 24.05 | 6.1 | 83.8 | 6.17 | 8.04 | 08:38:39 | 0.62 | 263.1 |
| ESC-RFF2 | 814181.0 | 821753.7 | Mid Flood | 4.2 | 23.74 | 24.12 | 6.1 | 83.8 | 6.17 | 8.04 | 08:39:02 | 0.92 | 239.4 |
| ESC-RFF2 | 814181.4 | 821748.2 | Mid Flood | 4.1 | 23.74 | 24.06 | 6.4 | 83.7 | 6.17 | 8.04 | 08:39:24 | 0.59 | 242.7 |
| ESC-RFF2 | 814180.6 | 821744.2 | Mid Flood | 3.9 | 23.74 | 24.09 | 6.4 | 83.4 | 6.14 | 8.04 | 08:39:47 | 0.32 | 248.0 |
| ESC-RFF3 | 813228.2 | 821129.1 | Mid Flood | 6.5 | 23.68 | 24.17 | 7.1 | 85.9 | 6.33 | 8.02 | 08:50:18 | 1.44 | 309.0 |
| ESC-RFF3 | 813222.1 | 821127.0 | Mid Flood | 5.8 | 23.67 | 24.21 | 7.8 | 84.5 | 6.23 | 8.02 | 08:50:43 | 0.99 | 284.7 |
| ESC-RFF3 | 813221.3 | 821123.3 | Mid Flood | 6.2 | 23.70 | 24.60 | 9.6 | 84.1 | 6.18 | 8.03 | 08:51:13 | 0.91 | 262.4 |
| ESC-RFF3 | 813218.1 | 821124.2 | Mid Flood | 6.7 | 23.71 | 24.73 | 10.9 | 83.8 | 6.16 | 8.03 | 08:51:38 | 1.25 | 295.4 |
| ESC-RFF3 | 813213.7 | 821126.5 | Mid Flood | 6.5 | 23.70 | 24.71 | 11.2 | 83.8 | 6.16 | 8.03 | 08:52:04 | 0.84 | 350.4 |
| ESC-RFF3 | 813211.1 | 821130.2 | Mid Flood | 6.4 | 23.70 | 24.69 | 11.2 | 83.7 | 6.15 | 8.03 | 08:52:26 | 1.09 | 284.4 |
| ESC-RFF3 | 813211.4 | 821132.4 | Mid Flood | 6.2 | 23.70 | 24.66 | 11.0 | 83.5 | 6.14 | 8.03 | 08:52:49 | 1.27 | 324.9 |
| ESC-RFF3 | 813212.2 | 821136.9 | Mid Flood | 6.2 | 23.70 | 24.71 | 10.1 | 83.4 | 6.13 | 8.03 | 08:53:19 | 0.91 | 329.4 |
| ESC-IPF1 | 809856.8 | 823350.8 | Mid Flood | 6.1 | 23.85 | 25.38 | 11.7 | 85.5 | 6.24 | 7.99 | 09:15:27 | 1.17 | 4.8 |
| ESC-IPF1 | 809849.6 | 823352.6 | Mid Flood | 6.1 | 23.87 | 25.56 | 13.5 | 83.7 | 6.10 | 8.00 | 09:15:49 | 1.04 | 300.4 |
| ESC-IPF1 | 809839.7 | 823354.8 | Mid Flood | 6.1 | 23.87 | 25.55 | 14.0 | 83.0 | 6.05 | 8.01 | 09:16:18 | 1.04 | 300.4 |
| ESC-IPF1 | 809835.0 | 823357.3 | Mid Flood | 5.9 | 23.87 | 25.59 | 13.7 | 82.8 | 6.03 | 8.01 | 09:16:43 | 1.03 | 315.4 |
| ESC-IPF1 | 809832.6 | 823360.5 | Mid Flood | 5.9 | 23.88 | 25.66 | 14.2 | 82.6 | 6.02 | 8.02 | 09:17:05 | 1.20 | 314.6 |
| ESC-IPF1 | 809831.2 | 823363.9 | Mid Flood | 5.9 | 23.88 | 25.63 | 14.7 | 82.9 | 6.04 | 8.02 | 09:17:34 | 0.50 | 314.2 |
| ESC-IPF1 | 809832.6 | 823367.4 | Mid Flood | 6.2 | 23.88 | 25.64 | 14.6 | 82.9 | 6.04 | 8.02 | 09:17:56 | 0.58 | 64.3 |
| ESC-IPF1 | 809830.8 | 823371.7 | Mid Flood | 5.9 | 23.87 | 25.53 | 13.5 | 83.1 | 6.06 | 8.02 | 09:18:23 | 0.86 | 293.0 |
| ESC-IPF2 | 809287.6 | 822824.5 | Mid Flood | 5.1 | 23.63 | 22.82 | 5.6 | 85.9 | 6.39 | 8.00 | 09:25:28 | 0.29 | 322.9 |
| ESC-IPF2 | 809279.1 | 822839.4 | Mid Flood | 5.2 | 23.64 | 22.94 | 6.2 | 84.7 | 6.30 | 8.01 | 09:25:51 | 0.75 | 320.2 |
| ESC-IPF2 | 809260.5 | 822799.9 | Mid Flood | 4.8 | 23.62 | 21.75 | 5.1 | 86.9 | 6.50 | 7.99 | 09:28:29 | 1.28 | 313.6 |
| ESC-IPF2 | 809257.3 | 822796.7 | Mid Flood | 4.5 | 23.62 | 21.74 | 5.3 | 84.6 | 6.33 | 7.99 | 09:28:53 | 1.20 | 325.1 |
| ESC-IPF2 | 809259.9 | 822791.7 | Mid Flood | 5.3 | 23.64 | 22.20 | 5.2 | 83.8 | 6.25 | 7.99 | 09:29:38 | 0.93 | 299.6 |
| ESC-IPF2 | 809258.7 | 822790.6 | Mid Flood | 5.0 | 23.63 | 21.99 | 5.5 | 83.8 | 6.26 | 7.99 | 09:30:03 | 0.89 | 302.9 |
| ESC-IPF2 | 809258.2 | 822789.6 | Mid Flood | 5.1 | 23.64 | 22.64 | 5.9 | 83.6 | 6.22 | 8.00 | 09:30:29 | 1.03 | 323.2 |
| ESC-IPF2 | 809257.8 | 822784.9 | Mid Flood | 4.9 | 23.64 | 22.33 | 5.7 | 83.2 | 6.20 | 8.00 | 09:31:02 | 1.07 | 300.6 |

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| Date: 9 May 2019 | | | | | | | | | | | | | |
| Pos. No. | Easting | Northing | Tide | Depth (m) | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
| ESC-INF1 | 808323.6 | 823193.0 | Mid Flood | 5.4 | 23.70 | 23.40 | 17.6 | 84.9 | 6.28 | 7.97 | 09:42:10 | 0.47 | 123.3 |
| ESC-INF1 | 808312.1 | 823198.2 | Mid Flood | 5.0 | 23.70 | 23.41 | 18.3 | 83.5 | 6.18 | 7.98 | 09:42:35 | 0.77 | 284.4 |
| ESC-INF1 | 808303.9 | 823208.5 | Mid Flood | 5.0 | 23.69 | 23.28 | 16.6 | 83.4 | 6.18 | 7.99 | 09:43:06 | 0.54 | 257.8 |
| ESC-INF1 | 808296.9 | 823216.1 | Mid Flood | 5.0 | 23.69 | 23.26 | 16.7 | 83.2 | 6.16 | 7.99 | 09:43:29 | 0.54 | 257.8 |
| ESC-INF1 | 808289.7 | 823222.4 | Mid Flood | 5.0 | 23.69 | 23.26 | 16.0 | 83.3 | 6.17 | 7.99 | 09:43:51 | 0.63 | 285.1 |
| ESC-INF1 | 808280.2 | 823228.6 | Mid Flood | 5.0 | 23.69 | 23.26 | 16.2 | 83.3 | 6.17 | 7.99 | 09:44:17 | 0.43 | 249.5 |
| ESC-INF1 | 808269.7 | 823234.8 | Mid Flood | 5.0 | 23.69 | 23.19 | 16.4 | 83.3 | 6.17 | 8.00 | 09:44:43 | 0.48 | 313.2 |
| ESC-INF1 | 808259.9 | 823239.6 | Mid Flood | 5.0 | 23.68 | 23.13 | 15.5 | 83.4 | 6.18 | 8.00 | 09:45:07 | 0.23 | 280.3 |
| ESC-INF2 | 809009.6 | 823837.4 | Mid Flood | 6.6 | 23.82 | 25.25 | 16.7 | 85.0 | 6.21 | 7.99 | 10:00:12 | 0.84 | 340.9 |
| ESC-INF2 | 809009.7 | 823840.4 | Mid Flood | 6.7 | 23.83 | 25.35 | 19.7 | 82.8 | 6.05 | 8.00 | 10:00:47 | 0.81 | 257.8 |
| ESC-INF2 | 809012.6 | 823847.6 | Mid Flood | 6.5 | 23.83 | 25.33 | 19.7 | 82.3 | 6.01 | 8.00 | 10:01:11 | 0.48 | 31.5 |
| ESC-INF2 | 809015.6 | 823854.6 | Mid Flood | 6.4 | 23.85 | 25.42 | 17.5 | 82.6 | 6.03 | 8.01 | 10:01:42 | 0.61 | 326.9 |
| ESC-INF2 | 809016.2 | 823852.8 | Mid Flood | 6.0 | 23.84 | 25.38 | 17.1 | 82.3 | 6.01 | 8.01 | 10:02:04 | 0.99 | 315.4 |
| ESC-INF2 | 809015.0 | 823849.3 | Mid Flood | 6.5 | 23.85 | 25.45 | 17.3 | 82.1 | 5.99 | 8.01 | 10:02:28 | 0.77 | 288.3 |
| ESC-INF2 | 809013.0 | 823845.2 | Mid Flood | 6.5 | 23.83 | 25.13 | 16.3 | 82.0 | 5.99 | 8.01 | 10:03:09 | 0.93 | 307.6 |
| ESC-INF2 | 809012.5 | 823843.4 | Mid Flood | 6.4 | 23.81 | 24.97 | 15.2 | 81.9 | 5.99 | 8.01 | 10:03:32 | 1.10 | 325.2 |
| ESC-INF3 | 809663.9 | 824483.6 | Mid Flood | 11.0 | 23.91 | 27.10 | 11.0 | 84.2 | 6.08 | 7.97 | 10:22:16 | 0.73 | 257.8 |
| ESC-INF3 | 809667.2 | 824487.1 | Mid Flood | 11.7 | 23.92 | 27.13 | 11.4 | 83.3 | 6.01 | 7.99 | 10:22:41 | 0.54 | 302.9 |
| ESC-INF3 | 809670.8 | 824494.4 | Mid Flood | 11.2 | 23.92 | 27.09 | 11.2 | 82.4 | 5.95 | 8.00 | 10:23:09 | 1.03 | 327.8 |
| ESC-INF3 | 809676.6 | 824497.4 | Mid Flood | 11.4 | 23.92 | 27.10 | 10.6 | 82.1 | 5.93 | 8.00 | 10:23:38 | 0.98 | 350.7 |
| ESC-INF3 | 809677.9 | 824498.0 | Mid Flood | 11.6 | 23.92 | 27.17 | 11.0 | 81.8 | 5.90 | 8.01 | 10:24:01 | 0.31 | 314.9 |
| ESC-INF3 | 809674.5 | 824495.8 | Mid Flood | 11.8 | 23.92 | 27.24 | 11.3 | 81.5 | 5.88 | 8.01 | 10:24:23 | 0.81 | 312.4 |
| ESC-INF3 | 809669.8 | 824493.1 | Mid Flood | 11.8 | 23.92 | 27.28 | 12.1 | 81.6 | 5.88 | 8.01 | 10:24:45 | 0.68 | 301.0 |
| ESC-INF3 | 809664.5 | 824493.8 | Mid Flood | 11.7 | 23.92 | 27.32 | 12.2 | 82.0 | 5.91 | 8.00 | 10:25:06 | 0.30 | 320.2 |
| ESC-IPF3 | 810448.3 | 823908.1 | Mid Flood | 11.7 | 23.93 | 27.97 | 12.1 | 83.4 | 5.99 | 8.00 | 10:33:59 | 1.00 | 340.8 |
| ESC-IPF3 | 810446.9 | 823914.1 | Mid Flood | 10.9 | 23.92 | 27.76 | 11.2 | 81.7 | 5.88 | 8.01 | 10:35:00 | 0.73 | 356.8 |
| ESC-IPF3 | 810437.6 | 823910.3 | Mid Flood | 11.1 | 23.93 | 27.97 | 12.9 | 81.6 | 5.86 | 8.01 | 10:35:52 | 0.91 | 346.8 |
| ESC-IPF3 | 810432.7 | 823913.4 | Mid Flood | 11.5 | 23.93 | 27.98 | 12.2 | 81.6 | 5.86 | 8.01 | 10:36:14 | 0.85 | 283.6 |
| ESC-IPF3 | 810427.4 | 823920.1 | Mid Flood | 11.2 | 23.93 | 27.95 | 11.8 | 81.8 | 5.88 | 8.01 | 10:36:36 | 0.73 | 304.9 |
| ESC-IPF3 | 810418.8 | 823931.8 | Mid Flood | 11.1 | 23.92 | 26.89 | 10.1 | 81.7 | 5.91 | 8.02 | 10:37:06 | 0.79 | 242.5 |
| ESC-IPF3 | 810410.6 | 823940.1 | Mid Flood | 10.9 | 23.91 | 26.57 | 8.4 | 81.8 | 5.93 | 8.02 | 10:37:29 | 0.44 | 206.5 |
| ESC-IPF3 | 810402.8 | 823948.4 | Mid Flood | 11.1 | 23.92 | 27.29 | 8.4 | 81.7 | 5.89 | 8.01 | 10:37:51 | 0.80 | 307.9 |