

| WATER COLUMN PROFILING FOR ESC CMP Vb | | | | | | | | | | | | | |
|---------------------------------------|----------|----------|-----------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| 08-03-2022 | | | | | | | | | | | | | |
| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
| Downstream (WCP1) | 810401.3 | 822634.7 | Mid Flood | 13.0 | 18.17 | 29.02 | 141.63 | 103.0 | 8.17 | 8.13 | 10:43:32 | 0.76 | 302.5 |
| | | | | 13.0 | 18.18 | 28.99 | 35.53 | 104.0 | 8.25 | 8.15 | 11:00:46 | 0.51 | 35.0 |
| | | | | 13.0 | 18.18 | 28.98 | 6.06 | 105.5 | 8.37 | 8.14 | 11:13:53 | 0.37 | 194.8 |
| | | | | 13.0 | 18.18 | 28.97 | 2.17 | 105.9 | 8.39 | 8.15 | 11:26:45 | 0.30 | 153.9 |
| | | | | 12.0 | 18.17 | 29.02 | 101.67 | 103.2 | 8.18 | 8.14 | 10:44:44 | 0.26 | 315.2 |
| | | | | 12.0 | 18.19 | 28.92 | 21.25 | 103.9 | 8.24 | 8.14 | 11:01:47 | 0.49 | 311.4 |
| | | | | 12.0 | 18.19 | 28.95 | 4.17 | 105.0 | 8.33 | 8.14 | 11:14:45 | 0.33 | 306.2 |
| | | | | 12.0 | 18.18 | 28.99 | 2.57 | 105.0 | 8.32 | 8.15 | 11:27:42 | 0.73 | 309.5 |
| | | | | 11.0 | 18.18 | 28.99 | 90.88 | 103.4 | 8.20 | 8.14 | 10:45:44 | 0.96 | 286.1 |
| | | | | 11.0 | 18.19 | 28.95 | 19.75 | 104.1 | 8.26 | 8.14 | 11:02:58 | 0.53 | 300.4 |
| | | | | 11.0 | 18.20 | 28.91 | 4.07 | 104.9 | 8.32 | 8.15 | 11:15:38 | 0.50 | 75.5 |
| | | | | 11.0 | 18.18 | 29.00 | 8.86 | 104.6 | 8.30 | 8.14 | 11:28:39 | 0.33 | 252.4 |
| | | | | 10.0 | 18.19 | 28.92 | 35.93 | 103.7 | 8.22 | 8.14 | 10:47:21 | 1.04 | 325.8 |
| | | | | 10.0 | 18.22 | 28.77 | 6.96 | 104.4 | 8.28 | 8.15 | 11:03:58 | 0.66 | 313.0 |
| | | | | 10.0 | 18.20 | 28.89 | 4.47 | 104.9 | 8.32 | 8.15 | 11:16:34 | 0.94 | 326.8 |
| | | | | 10.0 | 18.18 | 28.98 | 2.67 | 104.7 | 8.31 | 8.14 | 11:29:29 | 0.78 | 264.4 |
| | | | | 9.0 | 18.25 | 28.52 | 23.65 | 104.6 | 8.30 | 8.15 | 10:48:20 | 0.49 | 262.8 |
| | | | | 9.0 | 18.29 | 28.35 | 1.07 | 105.4 | 8.37 | 8.16 | 11:04:59 | 0.50 | 275.9 |
| | | | | 9.0 | 18.22 | 28.79 | 2.17 | 105.0 | 8.33 | 8.15 | 11:17:25 | 1.26 | 311.6 |
| | | | | 9.0 | 18.21 | 28.81 | 1.17 | 105.1 | 8.34 | 8.15 | 11:30:18 | 0.90 | 299.1 |
| | | | | 8.0 | 18.23 | 28.74 | 11.46 | 105.0 | 8.33 | 8.15 | 10:49:17 | 0.44 | 107.0 |
| | | | | 8.0 | 18.31 | 28.20 | 2.57 | 105.9 | 8.41 | 8.16 | 11:05:49 | 0.19 | 76.0 |
| | | | | 8.0 | 18.23 | 28.71 | 1.97 | 105.2 | 8.35 | 8.15 | 11:18:24 | 0.64 | 328.2 |
| | | | | 8.0 | 18.18 | 28.98 | 1.37 | 105.0 | 8.33 | 8.14 | 11:31:20 | 0.53 | 199.8 |
| | | | | 7.0 | 18.25 | 28.57 | 10.96 | 105.3 | 8.36 | 8.15 | 10:50:28 | 1.09 | 273.9 |
| | | | | 7.0 | 18.38 | 27.79 | 1.87 | 106.8 | 8.49 | 8.17 | 11:06:46 | 0.46 | 332.3 |
| | | | | 7.0 | 18.23 | 28.72 | 2.27 | 105.6 | 8.38 | 8.15 | 11:19:29 | 0.31 | 91.3 |
| | | | | 7.0 | 18.19 | 28.92 | 1.97 | 105.3 | 8.35 | 8.15 | 11:32:11 | 0.41 | 73.7 |
| | | | | 6.0 | 18.33 | 28.08 | 2.47 | 105.4 | 8.38 | 8.16 | 10:51:29 | 0.07 | 278.8 |
| | | | | 6.0 | 18.39 | 27.72 | 2.97 | 107.4 | 8.55 | 8.17 | 11:07:48 | 1.23 | 314.8 |
| | | | | 6.0 | 18.25 | 28.62 | 1.87 | 106.0 | 8.41 | 8.16 | 11:20:20 | 0.57 | 255.0 |
| | | | | 6.0 | 18.19 | 28.89 | 1.07 | 105.6 | 8.37 | 8.15 | 11:34:10 | 0.53 | 232.4 |

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|---------------------------------------|----------|----------|-----------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| 08-03-2022 | | | | | | | | | | | | | |
| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
| Downstream (WCP1) | 810401.3 | 822634.7 | Mid Flood | 5.0 | 18.41 | 27.58 | 7.06 | 106.5 | 8.48 | 8.17 | 10:53:02 | 0.97 | 321.4 |
| | | | | 5.0 | 18.41 | 27.64 | 2.17 | 107.9 | 8.59 | 8.17 | 11:08:40 | 0.48 | 263.5 |
| | | | | 5.0 | 18.38 | 27.86 | 1.27 | 107.4 | 8.54 | 8.17 | 11:21:18 | 0.52 | 305.3 |
| | | | | 5.0 | 18.22 | 28.76 | 1.07 | 105.9 | 8.40 | 8.15 | 11:36:03 | 0.39 | 345.8 |
| | | | | 4.0 | 18.43 | 27.43 | 2.77 | 107.3 | 8.55 | 8.18 | 10:53:58 | 0.98 | 306.3 |
| | | | | 4.0 | 18.38 | 27.81 | 1.37 | 108.0 | 8.59 | 8.17 | 11:09:39 | 1.69 | 328.6 |
| | | | | 4.0 | 18.42 | 27.63 | 0.77 | 108.0 | 8.59 | 8.17 | 11:22:14 | 0.25 | 156.3 |
| | | | | 4.0 | 18.39 | 27.84 | 0.77 | 107.7 | 8.57 | 8.17 | 11:38:35 | 0.34 | 332.2 |
| | | | | 3.0 | 18.48 | 27.18 | 1.27 | 109.1 | 8.69 | 8.19 | 10:55:01 | 0.13 | 227.1 |
| | | | | 3.0 | 18.42 | 27.61 | 1.47 | 108.2 | 8.61 | 8.17 | 11:10:32 | 0.75 | 321.9 |
| | | | | 3.0 | 18.44 | 27.55 | 1.17 | 108.2 | 8.61 | 8.17 | 11:23:17 | 0.72 | 276.2 |
| | | | | 3.0 | 18.45 | 27.52 | 0.67 | 108.0 | 8.59 | 8.17 | 11:39:34 | 1.02 | 351.7 |
| | | | | 2.0 | 18.48 | 27.15 | 1.77 | 110.1 | 8.77 | 8.20 | 10:56:06 | 0.24 | 148.8 |
| | | | | 2.0 | 18.45 | 27.50 | 1.07 | 108.1 | 8.60 | 8.17 | 11:11:25 | 0.28 | 305.0 |
| | | | | 2.0 | 18.53 | 27.25 | 1.57 | 109.3 | 8.69 | 8.19 | 11:24:16 | 0.72 | 311.7 |
| | | | | 2.0 | 18.50 | 27.37 | 1.17 | 109.5 | 8.71 | 8.19 | 11:41:12 | 1.09 | 310.5 |
| | | | | 1.0 | 18.49 | 27.14 | 1.17 | 110.5 | 8.81 | 8.20 | 10:57:06 | 0.88 | 315.7 |
| | | | | 1.0 | 18.50 | 27.23 | 2.47 | 109.3 | 8.70 | 8.19 | 11:12:21 | 0.28 | 305.0 |
| | | | | 1.0 | 18.57 | 27.22 | 1.17 | 110.2 | 8.77 | 8.20 | 11:25:08 | 0.30 | 33.3 |
| | | | | 1.0 | 18.62 | 27.24 | 1.07 | 111.7 | 8.88 | 8.20 | 11:43:46 | 1.11 | 5.8 |

| WATER COLUMN PROFILING FOR ESC CMP Vb | | | | | | | | | | | | | |
|---------------------------------------|----------|----------|-----------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| 08-03-2022 | | | | | | | | | | | | | |
| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
| Upstream (WCP2) | 810626.3 | 822486.4 | Mid Flood | 13.0 | 18.16 | 29.07 | 1.07 | 104.5 | 8.29 | 8.14 | 12:01:27 | 0.40 | 71.5 |
| | | | | 13.0 | 18.18 | 29.00 | 0.87 | 107.5 | 8.53 | 8.14 | 12:14:11 | 0.42 | 191.5 |
| | | | | 13.0 | 18.17 | 29.03 | 0.67 | 107.7 | 8.54 | 8.13 | 12:28:36 | 1.06 | 14.7 |
| | | | | 13.0 | 18.18 | 29.02 | 1.07 | 108.1 | 8.57 | 8.13 | 12:42:23 | 0.44 | 141.9 |
| | | | | 12.0 | 18.19 | 28.92 | 0.67 | 104.6 | 8.30 | 8.15 | 12:02:27 | 0.62 | 282.5 |
| | | | | 12.0 | 18.17 | 29.02 | 0.87 | 105.6 | 8.37 | 8.14 | 12:15:14 | 0.28 | 140.1 |
| | | | | 12.0 | 18.18 | 29.00 | 0.67 | 105.3 | 8.35 | 8.13 | 12:30:12 | 0.55 | 350.5 |
| | | | | 12.0 | 18.18 | 29.02 | 0.97 | 105.7 | 8.38 | 8.13 | 12:43:20 | 0.33 | 208.3 |
| | | | | 11.0 | 18.20 | 28.85 | 0.97 | 104.7 | 8.30 | 8.15 | 12:03:16 | 0.74 | 134.1 |
| | | | | 11.0 | 18.17 | 29.01 | 1.17 | 105.1 | 8.34 | 8.14 | 12:16:02 | 0.84 | 55.0 |
| | | | | 11.0 | 18.18 | 28.98 | 1.17 | 104.9 | 8.32 | 8.13 | 12:31:02 | 0.92 | 46.3 |
| | | | | 11.0 | 18.18 | 29.02 | 0.77 | 105.0 | 8.32 | 8.13 | 12:44:10 | 0.26 | 183.1 |
| | | | | 10.0 | 18.28 | 28.44 | 0.67 | 105.8 | 8.40 | 8.16 | 12:04:14 | 0.68 | 168.0 |
| | | | | 10.0 | 18.20 | 28.86 | 0.97 | 104.9 | 8.32 | 8.15 | 12:16:54 | 0.74 | 201.2 |
| | | | | 10.0 | 18.18 | 28.98 | 0.77 | 104.8 | 8.31 | 8.13 | 12:31:52 | 0.60 | 209.9 |
| | | | | 10.0 | 18.18 | 29.01 | 0.77 | 104.6 | 8.29 | 8.13 | 12:45:01 | 0.72 | 192.2 |
| | | | | 9.0 | 18.31 | 28.30 | 0.77 | 106.6 | 8.47 | 8.17 | 12:05:14 | 0.30 | 271.0 |
| | | | | 9.0 | 18.30 | 28.35 | 0.87 | 105.6 | 8.39 | 8.16 | 12:17:42 | 0.62 | 139.8 |
| | | | | 9.0 | 18.22 | 28.78 | 1.17 | 104.6 | 8.30 | 8.14 | 12:32:43 | 0.48 | 58.6 |
| | | | | 9.0 | 18.18 | 28.97 | 0.67 | 104.5 | 8.29 | 8.13 | 12:45:58 | 0.56 | 27.0 |
| | | | | 8.0 | 18.35 | 28.07 | 0.87 | 107.0 | 8.51 | 8.17 | 12:06:10 | 0.30 | 172.2 |
| | | | | 8.0 | 18.37 | 27.95 | 0.97 | 107.0 | 8.51 | 8.17 | 12:18:42 | 0.21 | 187.1 |
| | | | | 8.0 | 18.35 | 28.08 | 1.37 | 105.5 | 8.38 | 8.15 | 12:33:39 | 1.05 | 226.6 |
| | | | | 8.0 | 18.39 | 27.83 | 0.97 | 106.5 | 8.47 | 8.17 | 12:48:59 | 0.18 | 216.0 |
| | | | | 7.0 | 18.38 | 27.91 | 0.97 | 107.3 | 8.53 | 8.17 | 12:07:10 | 1.04 | 328.1 |
| | | | | 7.0 | 18.41 | 27.78 | 0.87 | 108.3 | 8.62 | 8.17 | 12:21:24 | 0.80 | 205.9 |
| | | | | 7.0 | 18.40 | 27.82 | 0.87 | 106.7 | 8.49 | 8.16 | 12:34:33 | 0.30 | 186.4 |
| | | | | 7.0 | 18.49 | 27.48 | 1.57 | 112.5 | 8.94 | 8.19 | 12:51:37 | 0.30 | 183.8 |
| | | | | 6.0 | 18.43 | 27.67 | 1.57 | 108.8 | 8.65 | 8.18 | 12:08:02 | 0.27 | 127.0 |
| | | | | 6.0 | 18.43 | 27.66 | 0.97 | 108.4 | 8.63 | 8.17 | 12:22:17 | 0.53 | 328.6 |
| | | | | 6.0 | 18.42 | 27.73 | 0.77 | 107.3 | 8.53 | 8.17 | 12:35:30 | 0.86 | 23.5 |
| | | | | 6.0 | 18.53 | 27.43 | 1.07 | 113.6 | 9.03 | 8.19 | 12:53:30 | 0.38 | 59.4 |

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|---------------------------------------|----------|----------|-----------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| 08-03-2022 | | | | | | | | | | | | | |
| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
| Upstream (WCP2) | 810626.3 | 822486.4 | Mid Flood | 5.0 | 18.48 | 27.40 | 0.87 | 110.1 | 8.76 | 8.20 | 12:08:52 | 0.22 | 104.2 |
| | | | | 5.0 | 18.49 | 27.40 | 0.67 | 110.5 | 8.79 | 8.19 | 12:23:17 | 0.61 | 317.3 |
| | | | | 5.0 | 18.46 | 27.50 | 0.97 | 110.0 | 8.75 | 8.18 | 12:36:34 | 1.18 | 262.5 |
| | | | | 5.0 | 18.59 | 27.35 | 0.47 | 114.0 | 9.06 | 8.19 | 12:54:58 | 0.77 | 310.7 |
| | | | | 4.0 | 18.50 | 27.34 | 0.57 | 112.0 | 8.92 | 8.21 | 12:09:51 | 1.35 | 114.3 |
| | | | | 4.0 | 18.59 | 27.30 | 0.57 | 112.7 | 8.95 | 8.20 | 12:24:12 | 0.67 | 190.6 |
| | | | | 4.0 | 18.61 | 27.32 | 0.37 | 113.0 | 8.98 | 8.21 | 12:37:44 | 0.15 | 266.6 |
| | | | | 4.0 | 18.74 | 27.14 | 0.57 | 115.0 | 9.12 | 8.20 | 12:55:51 | 0.37 | 13.8 |
| | | | | 3.0 | 18.61 | 27.30 | 0.77 | 113.4 | 9.01 | 8.21 | 12:10:47 | 0.60 | 117.1 |
| | | | | 3.0 | 18.65 | 27.29 | 0.47 | 114.2 | 9.07 | 8.21 | 12:25:01 | 0.69 | 37.0 |
| | | | | 3.0 | 18.66 | 27.32 | 0.47 | 114.6 | 9.09 | 8.21 | 12:38:44 | 0.43 | 284.0 |
| | | | | 3.0 | 18.76 | 27.01 | 0.67 | 115.0 | 9.13 | 8.20 | 12:56:58 | 0.24 | 52.2 |
| | | | | 2.0 | 18.65 | 27.28 | 0.67 | 114.2 | 9.07 | 8.21 | 12:11:40 | 0.48 | 313.7 |
| | | | | 2.0 | 18.65 | 27.30 | 0.37 | 114.9 | 9.12 | 8.21 | 12:25:59 | 0.57 | 258.1 |
| | | | | 2.0 | 18.71 | 27.31 | 0.57 | 115.0 | 9.12 | 8.21 | 12:39:48 | 0.74 | 112.5 |
| | | | | 2.0 | 18.81 | 26.72 | 0.77 | 115.0 | 9.14 | 8.20 | 12:59:09 | 0.31 | 70.0 |
| | | | | 1.0 | 18.71 | 27.25 | 0.77 | 114.8 | 9.10 | 8.22 | 12:12:35 | 0.59 | 296.1 |
| | | | | 1.0 | 18.67 | 27.30 | 0.67 | 115.3 | 9.15 | 8.21 | 12:26:57 | 1.08 | 190.8 |
| | | | | 1.0 | 18.71 | 27.31 | 1.37 | 115.2 | 9.14 | 8.21 | 12:40:47 | 0.65 | 231.3 |
| | | | | 1.0 | 18.86 | 26.63 | 0.57 | 114.7 | 9.11 | 8.20 | 13:01:39 | 0.61 | 31.8 |