

WATER COLUMN PROFILING FOR CMP Va
14/07/2012

| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
|------------|----------|----------|---------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| Downstream | 810142.5 | 822360.1 | Mid Ebb | 15.0 | 27.42 | 23.09 | 7.9 | 42.30 | 2.94 | 7.16 | 10:55:23 | 0.21 | 252.80 |
| | | | | 15.0 | 27.42 | 23.13 | 8.2 | 42.30 | 2.94 | 7.34 | 11:12:29 | 0.32 | 143.00 |
| | | | | 15.0 | 27.42 | 23.08 | 7.3 | 41.60 | 2.89 | 7.37 | 11:33:07 | 0.25 | 289.70 |
| | | | | 14.0 | 27.41 | 23.09 | 8.1 | 42.10 | 2.92 | 7.14 | 10:56:17 | 0.14 | 208.20 |
| | | | | 14.0 | 27.42 | 23.12 | 7.9 | 41.60 | 2.89 | 7.33 | 11:13:57 | 0.24 | 246.40 |
| | | | | 14.0 | 27.43 | 23.05 | 7.1 | 41.60 | 2.89 | 7.37 | 11:34:09 | 0.15 | 277.80 |
| | | | | 13.0 | 27.43 | 23.07 | 7.1 | 41.70 | 2.90 | 7.15 | 10:57:18 | 0.38 | 331.90 |
| | | | | 13.0 | 27.42 | 23.07 | 7.6 | 41.70 | 2.90 | 7.33 | 11:14:59 | 0.15 | 8.70 |
| | | | | 13.0 | 27.46 | 23.00 | 7.3 | 42.00 | 2.92 | 7.37 | 11:35:26 | 0.13 | 247.80 |
| | | | | 12.0 | 27.47 | 22.95 | 7.9 | 42.50 | 2.95 | 7.17 | 10:58:18 | 0.16 | 138.30 |
| | | | | 12.0 | 27.44 | 23.00 | 7.9 | 41.90 | 2.91 | 7.33 | 11:16:01 | 0.23 | 219.40 |
| | | | | 12.0 | 27.44 | 22.89 | 7.8 | 41.70 | 2.90 | 7.37 | 11:36:23 | 0.03 | 146.30 |
| | | | | 11.0 | 27.45 | 22.84 | 8.9 | 41.70 | 2.90 | 7.18 | 10:59:19 | 0.36 | 49.30 |
| | | | | 11.0 | 27.45 | 22.85 | 8.5 | 41.60 | 2.89 | 7.34 | 11:17:00 | 0.19 | 125.30 |
| | | | | 11.0 | 27.44 | 22.90 | 8.0 | 41.60 | 2.89 | 7.38 | 11:37:52 | 0.22 | 282.10 |
| | | | | 10.0 | 27.45 | 22.84 | 8.6 | 41.80 | 2.91 | 7.19 | 11:00:19 | 0.26 | 46.90 |
| | | | | 10.0 | 27.56 | 22.70 | 8.4 | 43.30 | 3.01 | 7.36 | 11:18:09 | 0.11 | 48.00 |
| | | | | 10.0 | 27.55 | 22.64 | 8.0 | 42.20 | 2.93 | 7.39 | 11:39:42 | 0.05 | 251.90 |
| | | | | 9.0 | 27.59 | 22.57 | 8.4 | 43.10 | 2.99 | 7.23 | 11:01:27 | 0.26 | 87.80 |
| | | | | 9.0 | 27.65 | 22.30 | 9.0 | 42.70 | 2.97 | 7.36 | 11:19:18 | 0.24 | 5.40 |
| | | | | 9.0 | 27.7 | 21.97 | 16.2 | 44.10 | 3.07 | 7.41 | 11:40:50 | 0.13 | 117.60 |
| | | | | 8.0 | 27.64 | 22.33 | 9.5 | 43.00 | 2.99 | 7.24 | 11:02:37 | 0.26 | 107.40 |
| | | | | 8.0 | 27.87 | 21.22 | 9.6 | 44.20 | 3.08 | 7.38 | 11:20:20 | 0.34 | 134.50 |
| | | | | 8.0 | 27.69 | 21.91 | 29.7 | 45.50 | 3.17 | 7.47 | 11:46:32 | 0.20 | 222.20 |
| | | | | 7.0 | 28.12 | 18.00 | 8.7 | 48.90 | 3.45 | 7.35 | 11:04:00 | 0.10 | 94.00 |
| | | | | 7.0 | 28.24 | 19.51 | 7.5 | 54.30 | 3.80 | 7.46 | 11:21:26 | 0.42 | 111.50 |
| | | | | 7.0 | 27.98 | 20.38 | 13.4 | 50.20 | 3.51 | 7.50 | 11:47:31 | 0.20 | 99.50 |
| | | | | 6.0 | 29.06 | 14.58 | 3.4 | 81.30 | 5.76 | 7.62 | 11:05:49 | 0.22 | 62.10 |
| | | | | 6.0 | 28.75 | 16.19 | 3.8 | 71.60 | 5.06 | 7.61 | 11:22:29 | 0.17 | 110.20 |
| | | | | 6.0 | 28.45 | 17.68 | 4.2 | 62.50 | 4.40 | 7.58 | 11:48:39 | 0.41 | 135.10 |
| 5.0 | 29.08 | 14.27 | 3.3 | 82.30 | 5.84 | 7.64 | 11:06:48 | 0.66 | 108.00 | | | | |
| 5.0 | 28.79 | 15.92 | 3.5 | 73.40 | 5.18 | 7.62 | 11:23:43 | 0.61 | 121.60 | | | | |
| 5.0 | 28.52 | 16.81 | 4.1 | 65.90 | 4.65 | 7.59 | 11:49:39 | 0.55 | 121.30 | | | | |
| Downstream | 810142.5 | 822360.1 | Mid Ebb | 4.0 | 29.07 | 14.19 | 3.4 | 82.00 | 5.83 | 7.64 | 11:07:51 | 0.49 | 137.10 |
| | | | | 4.0 | 29.22 | 9.11 | 4.9 | 83.00 | 6.05 | 7.74 | 11:25:21 | 0.72 | 121.30 |
| | | | | 4.0 | 28.81 | 9.37 | 4.0 | 70.30 | 5.15 | 7.71 | 11:51:12 | 0.82 | 127.80 |
| | | | | 3.0 | 29.71 | 7.06 | 5.7 | 102.40 | 7.48 | 7.92 | 11:08:52 | 0.74 | 116.80 |
| | | | | 3.0 | 29.66 | 6.93 | 5.8 | 102.00 | 7.47 | 7.99 | 11:26:31 | 0.67 | 112.70 |
| | | | | 3.0 | 29.66 | 6.75 | 6.3 | 103.30 | 7.57 | 8.06 | 11:52:11 | 0.96 | 111.80 |
| | | | | 2.0 | 29.68 | 7.01 | 6.0 | 103.20 | 7.55 | 7.93 | 11:09:51 | 0.45 | 108.40 |
| | | | | 2.0 | 29.64 | 7.13 | 5.9 | 103.00 | 7.53 | 8.04 | 11:28:15 | 0.58 | 141.80 |
| | | | | 2.0 | 29.75 | 6.67 | 6.2 | 106.60 | 7.80 | 8.09 | 11:53:06 | 1.00 | 117.90 |
| | | | | 1.0 | 29.68 | 6.98 | 6.0 | 103.80 | 7.59 | 7.97 | 11:10:55 | 0.89 | 138.70 |
| | | | | 1.0 | 29.65 | 6.79 | 5.9 | 103.40 | 7.58 | 8.05 | 11:29:25 | 0.63 | 107.50 |
| | | | | 1.0 | 29.75 | 6.67 | 6.1 | 107.00 | 7.83 | 8.10 | 11:54:04 | 0.77 | 107.90 |

WATER COLUMN PROFILING FOR CMP Va
14/07/2012

| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
|----------|-----------|-----------|---------|--------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| Upstream | 809984.9 | 822438.0 | Mid Ebb | 15.0 | 27.39 | 23.07 | 8.4 | 41.90 | 2.92 | 7.36 | 12:09:02 | 0.11 | 78.30 |
| | | | | 15.0 | 27.41 | 23.10 | 11.1 | 41.60 | 2.89 | 7.41 | 12:27:59 | 0.43 | 47.30 |
| | | | | 15.0 | 27.38 | 23.15 | 10.0 | 41.10 | 2.86 | 7.43 | 12:46:26 | 0.39 | 62.60 |
| | | | | 14.0 | 27.39 | 23.07 | 8.2 | 41.60 | 2.90 | 7.35 | 12:10:16 | 0.22 | 94.40 |
| | | | | 14.0 | 27.4 | 23.10 | 10.4 | 41.20 | 2.86 | 7.40 | 12:28:54 | 0.09 | 287.50 |
| | | | | 14.0 | 27.39 | 23.14 | 9.4 | 40.80 | 2.83 | 7.41 | 12:47:37 | 0.42 | 250.60 |
| | | | | 13.0 | 27.39 | 23.07 | 8.3 | 41.40 | 2.88 | 7.35 | 12:11:18 | 0.15 | 308.20 |
| | | | | 13.0 | 27.42 | 23.07 | 10.9 | 41.10 | 2.85 | 7.40 | 12:29:54 | 0.10 | 55.70 |
| | | | | 13.0 | 27.4 | 23.11 | 8.0 | 40.80 | 2.83 | 7.41 | 12:48:43 | 0.05 | 315.00 |
| | | | | 12.0 | 27.39 | 23.07 | 8.5 | 41.40 | 2.88 | 7.35 | 12:12:23 | 0.12 | 233.80 |
| | | | | 12.0 | 27.39 | 23.03 | 8.3 | 41.20 | 2.86 | 7.41 | 12:31:04 | 0.63 | 14.10 |
| | | | | 12.0 | 27.4 | 23.01 | 7.3 | 41.30 | 2.87 | 7.42 | 12:49:50 | 0.12 | 261.70 |
| | | | | 11.0 | 27.42 | 22.97 | 8.3 | 41.40 | 2.88 | 7.35 | 12:13:50 | 0.19 | 25.10 |
| | | | | 11.0 | 27.49 | 22.76 | 9.7 | 41.60 | 2.89 | 7.40 | 12:32:05 | 0.21 | 138.60 |
| | | | | 11.0 | 27.5 | 22.73 | 8.5 | 41.30 | 2.87 | 7.41 | 12:50:48 | 0.47 | 145.50 |
| | | | | 10.0 | 27.47 | 22.80 | 10.6 | 41.70 | 2.90 | 7.36 | 12:15:54 | 0.18 | 84.60 |
| | | | | 10.0 | 27.5 | 22.75 | 10.0 | 41.60 | 2.89 | 7.40 | 12:33:20 | 0.42 | 293.90 |
| | | | | 10.0 | 27.61 | 22.47 | 7.5 | 40.00 | 2.78 | 7.39 | 12:52:21 | 0.31 | 334.10 |
| | | | | 9.0 | 27.58 | 22.54 | 9.5 | 41.20 | 2.87 | 7.37 | 12:16:50 | 0.19 | 179.70 |
| | | | | 9.0 | 27.55 | 22.63 | 9.2 | 40.90 | 2.84 | 7.40 | 12:34:20 | 0.16 | 243.90 |
| 9.0 | 27.65 | 22.30 | 8.1 | 40.90 | 2.84 | 7.42 | 12:53:36 | 0.32 | 134.80 | | | | |
| 8.0 | 27.9 | 21.16 | 7.8 | 44.50 | 3.10 | 7.40 | 12:17:55 | 0.09 | 338.30 | | | | |
| 8.0 | 27.94 | 20.90 | 7.4 | 44.70 | 3.12 | 7.43 | 12:35:23 | 0.16 | 350.40 | | | | |
| 8.0 | 27.78 | 21.80 | 8.2 | 44.00 | 3.06 | 7.39 | 12:59:14 | 0.11 | 301.10 | | | | |
| 7.0 | 28.02 | 20.44 | 7.5 | 47.20 | 3.29 | 7.43 | 12:18:53 | 0.19 | 129.00 | | | | |
| Upstream | 809984.90 | 822438.00 | Mid Ebb | 7.0 | 28.17 | 19.48 | 5.8 | 52.50 | 3.68 | 7.49 | 12:36:21 | 0.23 | 144.80 |
| | | | | 7.0 | 27.81 | 21.49 | 7.5 | 43.90 | 3.06 | 7.39 | 13:00:11 | 0.37 | 62.40 |
| | | | | 6.0 | 28.5 | 17.11 | 3.7 | 62.70 | 4.43 | 7.54 | 12:20:05 | 0.29 | 119.30 |
| | | | | 6.0 | 28.39 | 17.96 | 4.5 | 58.60 | 4.13 | 7.55 | 12:38:56 | 0.37 | 126.40 |
| | | | | 6.0 | 28.27 | 18.84 | 5.5 | 53.30 | 3.74 | 7.48 | 13:01:12 | 0.26 | 121.70 |
| | | | | 5.0 | 28.7 | 15.89 | 3.5 | 68.80 | 4.87 | 7.58 | 12:21:09 | 0.28 | 133.40 |
| | | | | 5.0 | 28.61 | 16.63 | 3.3 | 66.00 | 4.66 | 7.59 | 12:40:03 | 0.45 | 146.20 |
| | | | | 5.0 | 28.38 | 18.14 | 3.7 | 59.70 | 4.19 | 7.51 | 13:02:10 | 0.47 | 117.50 |
| | | | | 4.0 | 29.56 | 6.71 | 6.0 | 91.80 | 6.74 | 7.90 | 12:22:10 | 0.51 | 133.90 |
| | | | | 4.0 | 29.45 | 8.57 | 5.8 | 88.90 | 6.47 | 7.87 | 12:41:11 | 0.43 | 132.60 |
| | | | | 4.0 | 28.84 | 12.97 | 4.8 | 70.80 | 5.08 | 7.61 | 13:03:31 | 0.47 | 158.40 |
| | | | | 3.0 | 29.69 | 6.44 | 6.8 | 100.80 | 7.39 | 7.99 | 12:23:05 | 0.92 | 118.00 |
| | | | | 3.0 | 29.76 | 6.52 | 6.7 | 102.70 | 7.52 | 8.02 | 12:42:11 | 0.75 | 137.10 |
| | | | | 3.0 | 29.84 | 6.54 | 6.5 | 104.60 | 7.65 | 8.01 | 13:05:23 | 0.79 | 117.60 |
| | | | | 2.0 | 29.71 | 6.45 | 6.8 | 101.60 | 7.45 | 8.00 | 12:24:37 | 0.67 | 132.90 |
| | | | | 2.0 | 29.78 | 6.52 | 6.6 | 103.40 | 7.57 | 8.03 | 12:43:06 | 0.87 | 160.70 |
| | | | | 2.0 | 29.93 | 6.33 | 6.8 | 108.10 | 7.90 | 8.06 | 13:06:21 | 0.69 | 114.90 |
| 1.0 | 29.73 | 6.47 | 6.7 | 101.80 | 7.46 | 8.00 | 12:25:51 | 0.50 | 163.70 | | | | |
| 1.0 | 29.79 | 6.52 | 6.7 | 103.80 | 7.60 | 8.04 | 12:44:05 | 0.45 | 114.30 | | | | |
| 1.0 | 29.98 | 6.40 | 6.7 | 108.80 | 7.94 | 8.11 | 13:07:34 | 0.22 | 142.50 | | | | |