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| --- | --- | --- | --- | --- | --- | --- |
| **PORT TOBACCO RIVER 2015 SAMPLING RESULTS** | | | | | | |
| Date | 07/31 | 07/31 | 08/27 | 08/27 | 09/28 | 09/28 |
| Site | Chapel Point Launch | Chapel Point Launch | Chapel Point Launch | Fourth Point | Chapel Point Launch | Fourth Point |
| Coordinates | 38:28.23576  -77:1.89804 | 38:28.23576  -77:1.89804 | 38:28.339  -77:1.894 | 38:28.605  -77:1.9802 | 38:28.24128  -77:1.89234 | 38:28.60452  -77:1.98198 |
| Condition | Small waves, breezy, clear sky, low tide | Small waves, breezy, clear sky | Calm, temp cool, sunny, low tide 8:35 am | Calm, sunny, dry, cool, tide coming in | Calm water, overcast, low tide 10:55 am | Calm water, overcast, low tide 10:55 am |
| Time | 10:00 am | 12:00 pm | 9:30 am | 10:45 am | 9:15 am | 10:15 am |
|  |  |  |  |  |  |  |
| Temperature | 31° C | 31° C | 26.2° C | 26.9° C | 21.7° C | 22.4° C |
| DO % | 100 | 100 | 83.3 | 85 | 82 | 102 |
| DO mg/l | 70.2 | 70.2 | 6.3 | 6.5 | 6.6 | 8.3 |
| Conductivity | 8.3 | 8.3 | 11.5 | 11.5 | 16 | 15 |
| Salinity ppt | 4.5 | 4.5 | 6.6 | 6.6 | 9.4 | 8.8 |
| Turbidity in. | 6 | 6 | 12 | 16 | 12 | 12 |
|  |  |  |  |  |  |  |
| Bay anchovy |  |  | 2 |  | 1 |  |
| Blue crab | 2 | 2 |  | 21 | 1 |  |
| Carp |  |  |  | 2 |  |  |
| Catfish | 3 |  |  |  |  |  |
| Comb jellyfish |  |  | TNTC |  | TNTC | present |
| Eel | 1 |  |  |  |  |  |
| Gizzard shad |  |  | 14 | 9 | 15 |  |
| Killifish, banded | 2 | 2 | 5 | 5 |  | 13 |
| Killifish, striped | TNTC | TNTC | 13 | 10 | 25 | TNTC |
| Menhaden | 10 | 2 | 3 | TNTC | 10 | TNTC |
| Mummichug |  | 1 |  |  |  |  |
| Needlefish | 1 | 1 |  |  |  |  |
| Pipefish |  |  |  |  |  | 1 |
| Pumpkinseed |  | 2 | 2 | 35 | 6 | TNTC |
| Shiner, spottail | 7 |  | 5 |  | 2 | 27 |
| Shrimp | 1 | 2 |  |  |  | 8 |
| Silverside, inland | TNTC | TNTC | 9 | 1 |  |  |
| Silverside, Atlantic | TNTC |  | 20 | TNTC | 3 | TNTC |
| Spot | 1 |  |  |  |  |  |
| Striped bass YOY |  |  | 8 | 7 | 6 |  |
| Tadpole |  | 1 |  |  |  |  |
| White perch | TNTC | TNTC | TNTC | TNTC | 37 | TNTC |
| Yellow perch |  |  |  |  |  | 2 |

Survey team: K. Hastings, S. Hastings, K. Patel, J. Simpson, M. Simpson, T. Wilson

Type of net: 100’ long, 1/8” mesh