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| --- | --- | --- | --- | --- | --- | --- |
| 08/31/2009am - Pleasant 18-24C Bright Sunshine | | | | | |  |
|  |  |  |  |  |  |  |
| Barometric Pressure=757 mm/mg | | |  |  |  |  |
| 100% DO= 9.5/18C | |  |  |  |  |  |
| Rel Humidity=65-61% | |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Productivity Jars - sites 4-5-6-7 | | |  |  |  |  |
| Light bottle/dark bottle | | |  |  |  |  |
| Site 4 - (.37 difference)  - 6.5/6.18 (depth appx. 60cm) | | | |  |  |  |
| Site 5 - (.51 difference) - 6.9/6.39 (depth appx. 40cm) | | | | |  |  |
| Site 6 -  (1.9 difference) 8.1/6.2 (depth appx. 25cm) | | | |  |  |  |
| Site 7 - (.8 difference) 7.5/6.7 (depth appx. 15cm) | | | | |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Site | Turbidity | Conduct | pH | Nitrate |  |  |
|  | (NTUs) | (uS/cm) |  | ppm |  |  |
| site 2 | 120 | 243 | 6.9 | 1 |  |  |
| site 6 | 83 | 78 | 6.2 | 1 |  |  |
| site 7 | 45 | 30 | 6.8 | 1 |  |  |
| site 11 | 87 | 213 | 7.12 | 1 |  |  |
| site 12 | 35 | 42 | 6.7 | 1 |  |  |
| site 13 | 95 | 68 | 6.4 | 1 |  |  |
|  |  |  |  |  |  |  |
| Organisms counted | |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Dip Net |  |  |  |  |  |  |
| 5 Damsel Fly | |  |  |  |  |  |
| 3 Dragon fly |  |  | Seine Net |  |  |  |
| 8 Gilled Snails | |  | 10 Black Bass | |  |  |
| Mosquito fish | |  | 1 Blue Gill |  |  |  |
| Crafish Exo |  |  |  |  |  |  |
| Orb Snails |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Kick Net |  | site 12 upper & lower | |  |  |  |
| Gilled Snail |  | site 14 |  |  |  |  |
| midge larva |  |  |  |  |  |  |
| Flatworm |  |  |  |  |  |  |
| Caddis Fly Larva 20+ | |  | many open clam shells | | |  |
| Damsel Fly Larva - 9 | |  | large mats of algae | |  |  |
| Dobson Fly larva - 1 | |  | many mosquito fish | |  |  |
|  |  |  | substantial black organic matter on bottom | | | |
| Plankton Net | |  |  |  |  |  |
| misc algae |  |  |  |  |  |  |
| amphipods |  |  |  |  |  |  |
| midge fly larva | |  |  |  |  |  |
| Zooplankton |  |  |  |  |  |  |
| mayfly larvae |  |  |  |  |  |  |
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