|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 8/28/2008 - Hot (38C) Bright Sunshine | | | |  |  |  |
| 11:45-3:00pm |  |  |  |  |  |  |
| Barometric Pressure=738 mm/mg | | |  |  |  |  |
| 100% DO= 7.75/27C | |  |  |  |  |  |
| Rel Humidity=62% / 60% / 61% | | |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Productivity Jars** - sites 6-7-8 | | |  |  |  |  |
| Light bottle/dark bottle | | |  |  |  |  |
| Most Productivity - (Avg= .67 difference) 6.2/5.7 - 5.7/4.8 - 4.8/4.2 | | | | | |  |
| Lower Productivity (Avg= .37 difference) 5.8/5.5 - 5.0/4.4 - 4.8/4.2 | | | | | |  |
| Lower Productivity (Avg= .46 difference) 6.1/5.7 - 4.2/3.8 - 4.5/4.0 | | | | | |  |
| Low Productivity Overall | |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | [DO](http://docs.google.com/do.html) | [Temp](http://docs.google.com/temp.html) | [Turbidity](http://docs.google.com/turbid.html) | [Conduct](http://docs.google.com/conduct.html) | [pH](http://docs.google.com/ph.html) | [Nitrate](http://docs.google.com/nitrate.html) |
|  | ppm | C | (NTUs) | (*u*S/cm) |  | ppm |
| [Site 1](http://docs.google.com/arroyo/site1.html) | 4.8 | 28 | 670 | 742 | 5.8 | 1 |
| [Site 2](http://docs.google.com/arroyo/site2.html) | 7.6 | 27.7 | 540 | 645 | 6.8 | 1 |
| [Site 6](http://docs.google.com/arroyo/site6.html) | 4.3 | 28 | 610 | 560 | 8.03 | 1 |
| [Site 7](http://docs.google.com/arroyo/site7.html) | 5.2 | 26.3 | 310 | 660 | 6.2 | 1 |
| [Site 8](http://docs.google.com/arroyo/site8.html) | 5.2 | 27.1 | 280 | 256 | 7.02 | 1 |
| [Site 10](http://docs.google.com/arroyo/site10.html) | 4.5 | 25.5 | 210 | 663 | 6 | 1 |
| [Site12](http://docs.google.com/arroyo/site12.html) | 6.1 | 24.7 | 380 | 742 | 6.8 | 1 |
| [Site 13](http://docs.google.com/arroyo/site13.html) | 5.2 | 25.2 | 670 | 325 | 6.9 | 1 |
| [Site 14](http://docs.google.com/arroyo/site14.html) | 6 | 24.8 | 180 | 570 | 7.77 | 1 |
|  |  |  |  |  |  |  |
| [Organisms counted](http://docs.google.com/field_guide/indicator.html) | |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Dip Net |  |  |  |  |  |  |
| 5 Damsel Fly | |  |  |  |  |  |
| 1 Dragon fly |  |  |  |  |  |  |
| 8 Gilled Snails | |  |  |  |  |  |
| 3 Clams |  |  | Observed |  |  |  |
| Mosquito fish | |  | many black bass | |  |  |
|  |  |  | many mosquito fish | |  |  |
|  |  |  | many open clam shells | | |  |
|  |  |  | large mats of algae | |  |  |
| Kick Net |  |  |  |  |  |  |
| Gilled Snail |  | site 12 |  |  |  |  |
| Leech |  | site 8 |  |  |  |  |
| Flatworm |  |  |  |  |  |  |
| mosquito larva | |  |  |  |  |  |
| Damsel Fly Larva | |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Plankton Net | |  |  |  |  |  |
| misc diatoms | |  |  |  |  |  |
| no zooplankton observed | | |  |  |  |  |