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| Recreational Water Quality (RWQ) - E. coli | | | | |  |
|  |  |  |  |  |  |
| JUNE (6/21/23) |  |  | Follow-up (6/28/23) | |  |
| A-08 | 7.5 |  | A-25 | 400 ft South | 42.5 |
| B-03 | **365.4** |  | A-28 | 200 ft South | 26.2 |
| C-10 | 5.2 |  | B-03 |  | 36.4 |
| C-12 | 14.6 |  | B-01 | 200 ft North | 43.5 |
| C-20 | 1.0 |  | B-18-22 | 400 ft North | 38.4 |
| F-04 | 4.1 |  |  |  |  |
| G-08 | 4.1 |  |  |  |  |
| H-02 | 3.1 |  | Note: no central source apparent | | |
| I-19 | 1.0 |  |  |  |  |
| Inlet | 5.2 |  |  |  |  |
| MEDIAN | 4.7 |  |  |  |  |
|  |  |  |  |  |  |
| Exceedance at B-03 | |  | Exceedance is gone and all measurements are below the 100 cfu lake alert level | | |
| Swimming strongly discouraged | |  | Swimming alert no longer needed | | |

Although the RWQ was very good overall in June with a lake median of 4.1 cfu an exceptionally high 365.4 result was measured at B-03. This exceedance was reported to the Sussex County Health Authority by Garden State Labs. Our procedure is to alert members and discourage swimming starting at the much lower 100 cfu level.

Follow-up tests had no exceedance values and were all significantly lower than our 100 cfu concern threshold. Substantial rain had fallen between the initial test and the subsequent results (lake level increased by 6 inches) The follow-up tests do not show a central source for the contamination. The alert can be lifted based on these results. July testing will include samples from this region.

The measurements are in colony forming units (cfu)