Hello,

Thank you for participating in the 2023 WAVE season! Please find below the results from your survey, and if there are any questions please don’t hesitate to ask.

For the start of the 2024 season, we are happy to announce that our very own Alene Onion is BACK! Alene founded the WAVE program and will now be working with Makenzie Garrett, another intrepid stream field member to coordinate and run the WAVE program. Please continue to use [WAVE@dec.ny.gov](mailto:WAVE@dec.ny.gov) for any and all of your questions.

Thank you for all you do, and we look forward to 2024!

**Lyon Brook**

Bailey Olds

8/8/2024 16:00

42.457315, -75.53909

Here are the results of the survey. Please note, we also include the IWL or [Izaac Walton League Score](https://www.iwla.org/water/stream-monitoring) here, which is a common metric used among community science and stream monitoring programs. Here at DEC, we use the WAVE assessment for DEC follow-up and prioritization.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Most Wanted | Least Wanted | **WAVE assessment** | IWL assessment | IWL Score |
| 4 | 0 | **No Conclusion** | Fair | 14 |

Bugs found in the Voucher

(Plecoptera) Chloroperlidae, (Trichoptera) Philopotamidae, (Coleoptera) Psephenidae, (Ephemeroptera) Baetidae, (Megaloptera) Corydalidae, (Diptera) Limoniidae

User perception:

Scores are based on a scale of a-e and, a = beautiful, e = awful, f = not applicable

* Primary Contact Recreation (swimming) observation: b
* Secondary Contact Recreation (boating/fishing) observation: b

Scores below are based on 0-10 scale, 0=minimal or more natural and pristine, to 10=negative and more altered.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Water Clarity | Suspended Phytoplankton | Periphyton | Macrophyte | Odor | Trash | Discharge Pipes |
| 0 | 5 | 5 | 5 | 0 | 5 | 0 |

Habitat Assessment:

In-stream, scores are based on a a-c scale, a = optimal, b= marginal, c = poor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Epifaunal Substrate/Available Cover | Embeddedness/Pooling | Velocity/Depth Combinations | Sediment deposition | Channel Flow Status | Channel Alteration | Frequency of Riffles (Bends) |
| b | b | b | b | b | b | b |

Stream bank, scores are based on a a-c scale, a = optimal, b= marginal, c = poor

|  |  |  |  |
| --- | --- | --- | --- |
|  | Bank stability | Bank Vegetative Protection | Riparian Vegetation Zone Width |
| Left Bank | b | b | a |
| Right Bank | c | c | a |