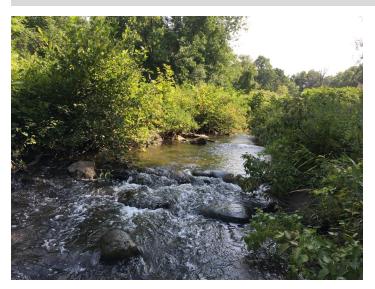
Lisha Kill Thursday, August 9, 2018 3:00 to 5:00pm

(42.756499, -73.866979)

Location: Off of Lisha Kill Rd Town of Colonie Golf Course near Maintenance Garage

Local Wave Coordinator: Nancy Heinzen & John Dzialo

Participants: Peter Bayzon; Liam, Kathleen, and Terry Burns; Lindsey Klinge























Heinzen, Nancy

From: alene.onion@gmail.com

Sent: Monday, January 7, 2019 10:01 AM

To: Heinzen, Nancy

Subject: Your WAVE sample results

Nancy Heinzen,

I processed your WAVE sample today. Thank you for your contribution! NA

Before I give you your sample results, I want to take a moment to talk about sampling effort. WAVErs in general are very meticulous about following the WAVE instructions and collecting the WAVE samples. This very likely includes you and I thank you for that. Some folks are disappointed, however, when the sample assessment is No Conclusion and the Izaak Walton League Score is only FAIR. PLEASE know that this is not necessarily a reflection of your skill or effort. It is an assessment of the stream's water quality and it means you likely found a stream with water quality conditions that are in the middle of the pack.

Don't hesitate to contact me if you have any questions about your sample. Thank you!

Alene Onion WAVE Coordinator, NYSDEC 625 Broadway, Albany, NY email: alene.onion@dec.ny.us

Your WAVE results are as follows:

Stream: Lisha Kill Images: NA

Location: off of Lisha Kill Rd. at Town of Colonie Golf Course near maintenance garage

Coordinates: 42.756499,-73.866979

Collection Date: Thu Aug 09 2018 00:00:00 GMT-0400 (EDT)

Participants: Nancy Heinzin, Kathleen, Liam and Terry Burns, Linsay Klinge

Macroinvertebrate Sample:

Macroinvertebrates you identified on your datasheet: (Crustaceans)

 $Amphipoda, (Coleoptera)\ Psephenidae, (Mollusca)\ Pelecypoda, Mite, house\ fly, (Trichoptera)$

Hydronsychidae, (Trichoptera)

Lepidostomatidae, (Trichoptera) Philopotamidae, Worm like (Turbellaria),,,,,,, Macroinvertebrates I identified in your

sample: (Coleoptera)

Psephenidae, (Hemiptera) Corixidae, (Wormlike) Turbellaria, (Trichoptera)

Hydropsychidae, (Trichoptera) Limnephilidae, (Diptera)

Chironomidae, (Crustacea) Amphipoda, (Mollusca) Planorbidae, (Coleoptera)

Elmidae,(Diptera) Tipulidae

Assessment Results:

WAVE Assessment Result: No Conclusion

The NYS DEC will only consider the WAVE assessment and the visual data (including the User Perception Data and Habitat Assessment Data given

below) to guide reporting and professional sampling. That being said, less robust analyses could be valuable for local purposes. With that in mind, I have also calculated the Izaak Walton League Assessment for your sample data for local purposes only:

Fair

User Perception Data: Primary Contact: a Secondary Contact: a Current Weather: sun Weather past 24h: rain

Water Clarity: 0 Phytoplankton: 0 Periphyton: 2 Macrophytes: 1

Odor: 0 Trash: 1

Discharge Pipes: 0 Primary Deterrents:

Other: nice stream, no negative qualities

Habitat Assessment Data:

Epifaunal substrate / available cover: a

Embeddedness: b

Velocity/Depth combinations: a

Sediment Deposition: b Channel Flow Status: a Channel Alteration: a Frequency of Riffles: a

Bank Stability (Left): a, (Right): a

Bank Vegetation Protection (Left): a, (Right): a Riparian Vegetation Zone Width (Left): a, (Right): b