

Normanskill: Vly Creek Thursday, August 16, 2018, 5:00 pm to 7:00pm (42.653156; -73.923509)

Location: Vly Creek, at Pine Street, upstream of Rail Trail bridge, Village of Voorheesville

Local WAVE Coordinator: Christina Chiappetta, voucher submitted by Nancy Heinzen

Participants: Elizabeth Quandt; Bob Wither; Lindsey Klinge; Alex Gerrigan-Piela



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: Vly Creek

Images: NA

Location: at Pint St. Pocket Park near Rail Trail crossing

Coordinates: 42.653146,-73.923509

Collection Date: Thu Aug 16 2018 00:00:00 GMT-0400 (EDT)

Participants: Christina Chiappetta, Elizabeth Enandt, Bob Withers, Linsay Kling, Alex Garrigan-Dilla

Macroinvertebrate Sample:

Macroinvertebrates you identified on your datasheet: (Crustacean)

Crayfish,(Coleoptera),(Coleoptera) Haliplidae,(Ephemeroptera)

unknown/other,(Ephemeroptera) Heptageniidae,(Ephemeroptera)

Leptophlebiidae,(Megaloptera) Corydalidae,(Mollusca) unknown,(Mollusca) Pelecypoda,(Crane fly),(Plecoptera) Stonefly Nymphs,(Trichoptera)

Glossosomatidae,(Trichoptera) rhyacophilidae,worm like,,, Macroinvertebrates I identified in your sample: (Coleoptera)

Psephenidae,(Trichoptera) Philopotamidae,(Coleoptera),(Trichoptera)

Hydropsychidae,(Coleoptera) Elmidae,(Ephemeroptera) Baetidae,(Trichoptera)

Glossosomatidae,(Megaloptera) Corydalidae,(Ephemeroptera)

Heptageniidae,(Wormlike) Oligochaeta,(Plecoptera) Perlidae,(Crustacea)

Cambaridae,(Diptera) Chironomidae,(Crustacea) Asellidae

Assessment Results:

WAVE Assessment Result: No Known Impact

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:

Good

User Perception Data:

Primary Contact:

Secondary Contact:

Current Weather: sun

Weather past 24h: sun

Water Clarity: 2

Phytoplankton: 0

Periphyton: 2

Macrophytes: 0

Odor: 0

Trash: 0

Discharge Pipes: 0

Primary Deterrents:

Other: Close to overpass

Habitat Assessment Data:

Epifaunal substrate / available cover: a

Embeddedness: a

Velocity/Depth combinations: b

Sediment Deposition: a

Channel Flow Status: a

Channel Alteration: a

Frequency of Riffles: a

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

Bank Vegetation Protection (Left): a, (Right): a

Riparian Vegetation Zone Width (Left): b, (Right): b