

**2016 WAVE Sample Data Summary Chart
Upper Roe Jan Watershed**

Macroinvertebrate Species	Collins Street	Roe Jan Park	Black Grocery Road	7A Bridge	Wiltsie Bridge/Snyder Rd	Hall Hill Road
Crustaceans Amphipoda					X	X
Coleoptera Psephenidae	X		X		X	
Diptera Athericidae			X		X	
Chironomidae		X	X			
Ephemeroptera Heptageniidae	X	X	X			
Isonychiidae	X		X		X	
Ephemeridae		X	X			
Ephemerellidae		X			X	
Baetiscidae						X
Mollusca Pelecypoda					X	X
Physidae					X	
Odonata Gomphidae		X				
Coenagrionidae						X
Plecoptera Perlidae	X		X		X	X
Trichoptera Philopotamidae					X	
Wormlike Turbellaria			X	X		
Hirudinea				X		

Note: Wave samples have additional species identified in them. These species are not indicative of water quality and are not labeled in this chart or in the WAVE Field data sheet. Please see the original sample results for the complete list of species for at each site.

Note: Rows labeled in **RED** are LEAST WANTED species.

	Collins Street *	Roe Jan Park*	Black Grocery Road **	7A Bridge*	Wiltsie Bridge/Snyder Rd **	Hall Hill Road *
Izaak Walton League Score	Fair (16/27)	Poor (12/27)	Fair (17/27)	Poor (5/27)	Good (20/27)	Fair (15/27)

* List as No Conclusion

** Listed as **No Known Impact**

Assessment Data

Sample Contents	Water Quality Assessment	Assessment Description
More than 6 "MOST wanted" organisms	No Known Impact	Highest quality category assigned to stream segments in the NYS Waterbody Inventory. This Assessment is high quality and may be used for state and federal reporting purposes.
More than 4 "LEAST wanted" organisms	Possibly Impaired	This assessment serves as a red flag for sites that may deserve further investigation at the professional level. This assessment alone is not conclusive. In fact 52% of the streams in NYS DEC database with 4 or more LEAST wanted organisms are actually healthy.
Other	No Conclusion	If a sample did not meet the above criteria, then no conclusion can be made.

For additional information, please see the following website:

<http://www.dec.ny.gov/chemical/92229.html>

WAVE Sampling Site Locations
Upper Roe Jan Watershed

