Lake George Inlet Streams Water Quality Testing-2020 Results

Supported by LGC

The Steuben County Lakes Council has been conducting water testing of inlet streams for many of the recreational lakes in Steuben County including Lake George for many years. They conduct the water testing three times each year over the spring and summer timeframe (May, July, and August). The long-term testing site for Lake George is the inlet stream that passes through a pipe under Kope Kon Road (site #38). This long-term testing site and many others were funded primarily by grants until 2017 when the grant funding was significantly reduced. In response, the Lake George Conservancy started donating additional funding to cover the full cost of the water sampling at the Kope Kon Road (currently $145/sample) as well as ½ the cost of sampling in Crooked Creek below the Lake George Dam (site #39) In addition, for the last three years the conservancy has funded the Steuben County Lakes Council to take samples at the outlet stream from Silver Lake at Old Hwy 27(site #67) and at the pipe outlet under Flint Road near the boat ramp (site #72). Water flow thru the pipe at site 72 is intermittent depending the size of rainfall events and therefore can only be tested when water is flowing through the pipe on the day of their scheduled sampling.

The table below shows the results for samples taken at the sites described above along with recommended levels for head water streams:

		E. coli	Total Phosphorus	Suspended Sediments
Recommended Max Level		**235 (colonies/100ml)**	**.076 (m/l)**	**25 (m/l)**
Sample Site/ Date				
#38	05/28/20	**275.5**	**0.025**	**<1.0**
	07/01/20	218.7	**0.062**	**<1.0**
	08/26/20	**613.1**	**0.039**	**1.5**
#39	05/28/28	**13.5**	**0.027**	**1.7**
	07/01/20	**39.9**	**0.036**	**2.1**
	08/26/20	**48.7**	**0.061**	**1.4**
#67	05/28/20	**66.3**	**0.023**	**2.4**
	07/01/20	**56.5**	**0.027**	**1.1**
	08/26/20	**307.6**	**0.033**	**10.0**
#72	05/28/20	**1,119.9**	**0.056**	2.1
	07/01/20	**1,203.3**	**0.055**	**6.3**
	08/26/20	**1,373.4**	**1.99**	**190**