

Group member NAMES:

Johnson City

WEATHER DATA ON July 6, 2018

Weather Factor	Observation or Measurement
Temperature	81°
Wind Speed	0
Wind Direction	E gust 3 mi/hr.
Atmospheric Pressure	30.37 in.
Relative Humidity (%)	73 %
Precipitation (%)	.14 in.
Cloud Cover	cloudy @ 2,000 ft.
Water Sample	Observation
Color?	Greenish brown
Odor?	Decomposition - humus, leaves. stagnate - detritus
Foam?	Little foam

WATER QUALITY

Location	Test/Sample	Prediction
Science Mill	Temperature	75° @ 9:45 76°
Town Creek	Conductivity	500 463 ppm
	Nitrates	High Use 5 ml of H ₂ O 3 (Healthy - Bct. 2-3)
	pH	5 Use 10 ml of H ₂ O 8 (Healthy bet 7-8) 5 ml of H ₂ O
	Phosphates	High 4 (Healthy 1-2)
	Dissolved Oxygen	Low 2 1-2 = won't support fish