

# Sassafras Samplers - Data Collection Sheet

Team:

Date:	Date:	Date:	Date:
Time:	Time:	Time:	Time:
Site:	Site:	Site:	Site:
Lat:	Lat:	Lat:	Lat:
Long:	Long:	Long:	Long:

Test	Result	Result	Result	Result
Air Temp		C	C	C
<i>Thermometer (C *9/5+32 = F; 10=50, 15=59, 20=68, 28=82).</i>				
Water Temp		C	C	C
<i>Water Temp above 30 C considered detrimental</i>				
DO Rep 1				
DO Rep 2				
DO Rep 3				
DO Final Ave		ppm	ppm	ppm
<i>DO &gt;3 and &lt; 5 ppm is good. &gt;5 may indicate algal bloom</i>				
Nitrate (NO3)		ppm	ppm	ppm
<i>Colorimeter #064; NO3-N &gt; 2 ppm considered poor, promoting algal blooms</i>				
pH				
<i>Colorimeter #075; pH range 6.5-8.5 considered good</i>				
Ammonium (NH4)		ppm	ppm	ppm
<i>Colorimeter #005; NH4-N &gt; 0.4 ppm considered poor, promoting algal blooms</i>				
Phosphate (PO4)		ppm	ppm	ppm
<i>Colorimeter #078; PO4 &gt; 0.05 ppm considered poor, promoting algal blooms</i>				
Copper (Cu)		ppm	ppm	ppm
<i>Colorimeter #032; Cu &gt; 0.1 ppm considered detrimental</i>				
Turbidity		FTU	FTU	FTU
<i>Colorimeter #098; &lt; 25 FTU considered good.</i>				

## Observations/ Notes / Comments

Note any unusual things such as: water level, animal activity, surface phenomena, recent rain activity, change in land use).

Look for life and signs of changes: e.g. ducks, geese, sea nettles, crabs, minnows, algae, SAV. Give numbers or estimates when possible.