

Isabella, Avery, & Annabel.

11/14/17

## SCIENCE MILL TAS FIELD TRIP

### WEATHER DATA

Weather Factor	Observation or Measurement
Temperature	69°F
Wind Speed	10 mph (ground) mph 4/10 mph (Keeps changing)
Wind Direction	From South
Atmospheric Pressure	30.18 in hg
Relative Humidity	22%
Precipitation	0.06 in
Cloud Cover	Partly cloudy
Water Sample	Observation
Color	
Odor	
Foam	

- muddy - ~~dirt~~ - settled dirt  
- tadpoles - leaves - ~~layer of pollutants?~~

- Running water - film - comes up from water.  
- algae

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### WATER QUALITY TEST DATA

Location	Science Mill		Take Away #1		Take Away #2	
Test/Sample	Prediction	Town Creek	Prediction		Prediction	
Temperature	60°F	63°F	60°F			
Conductivity	10,000	460	10,000			
Nitrates	25	2	25			
pH	8	7.5	8			
Phosphates	2.5	3	2.5			
Dissolved Oxygen	5	3	5			
Alkalinity*						
Copper*						
Iron*						
Chlorine*						
Ammonia *						
Chloride *						
Chromium *						
Hardness *						

\* Extra tests available if time allows\*