

Group member NAMES: Tnu, Keyly, & Mikaela, St. Louis Catholic School
Austin

WEATHER DATA ON 10/25/18

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	4 mph
Wind Direction	West
Atmospheric Pressure	30.13 INHG
Relative Humidity (%)	23%
Precipitation (%)	10%
Cloud Cover	Overcast
Water Sample	Observation
Color?	Clear but a little foggy. Bugs & Dirt inside
Odor?	nothing
Foam?	no

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	60°F	68°F
Conductivity	2500	459
Nitrates	30	0
pH	7	8
Phosphates	2	4
Dissolved Oxygen	6	2

Group member NAMES: Austin, George, Pierce**WEATHER DATA ON** 10/25/18

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	3 mph
Wind Direction	Northwest
Atmospheric Pressure	30.12 IN HG
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	Overcast
Water Sample	Observation
Color?	Clear, slightly green
Odor?	No odor
Foam?	No foam

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	64°F	63°F
Conductivity	1000	473
Nitrates	25 ppm	5
pH	7.5	7.5
Phosphates	0.7 ppm	4
Dissolved Oxygen	5.3	4



10-25-18

St. Louis Catholic School

Group member NAMES: Mimi Maggie Abby



WEATHER DATA ON _____

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	5 mph
Wind Direction	West
Atmospheric Pressure	30.13
Relative Humidity (%)	23%
Precipitation (%)	90% in. 0%
Cloud Cover	99%
Water Sample	Observation
Color?	mostly clear, little brown specks in it
Odor?	none
Foam?	none

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	70°F	64°F
Conductivity	100	519
Nitrates	32	3.5
pH	7.2	8
Phosphates	4.2	9
Dissolved Oxygen	5.1	2.4

Group member NAMES: Reese, Olivia, Bella

WEATHER DATA ON 10/25/18

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	5 mph
Wind Direction	West
Atmospheric Pressure	30.13 INHG
Relative Humidity (%)	22%
Precipitation (%)	10%
Cloud Cover	99%
Water Sample	Observation
Color?	the water is clear but a little milky.
Odor?	doesn't smell like anything
Foam?	There is no foam in the water.

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	70°F	64°F
Conductivity	1,025	503
Nitrates	35	2
pH	6.5	7.5
Phosphates	1.7	4
Dissolved Oxygen	5.2	2.2

St. Louis Catholic School

Group member NAMES: Clara, Sofia, Maddie

WEATHER DATA ON 10/25/18

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	5 mph from west
Wind Direction	West
Atmospheric Pressure	30.13
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	Over cast
Water Sample	Observation
Color?	Clear
Odor?	No
Foam?	No

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	65°F	66°F
Conductivity	300	473
Nitrates	15	3
pH	7.3	8.3
Phosphates	1.3	1.5
Dissolved Oxygen	5.5	3.5

Saint Louis Catholic School

Group member NAMES: Ben, Justin, Blake

WEATHER DATA ON 10-25-18

Weather Factor	Observation or Measurement
Temperature	57° F
Wind Speed	5 mph
Wind Direction	West to east
Atmospheric Pressure	30.13 INHG
Relative Humidity (%)	22%
Precipitation (%)	10% inches
Cloud Cover	Overcast
Water Sample	Observation
Color?	Slightly cloudy particles
Odor?	Fish smelling
Foam?	NO

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	65° F	65° F
Conductivity	1,000	420
Nitrates	17	2.5
pH	7.5	7
Phosphates	1.5 ppm	3 ppm
Dissolved Oxygen	6	3

St. Louis Catholic School

Group member NAMES: Justin, Bryce, John L.

WEATHER DATA ON 10/25/18

Weather Factor	Observation or Measurement
Temperature	57°F
Wind Speed	5 mph
Wind Direction	From North SW
Atmospheric Pressure	30.13 INHG
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	Overcast luminance 94%
Water Sample	Observation
Color?	Slightly off clear
Odor?	None
Foam?	None

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	62°F	68°F
Conductivity	1500	451
Nitrates	24	2.55
pH	7.6	7.6
Phosphates	.5	3
Dissolved Oxygen	5.09	2

St. Louis Catholic School

10-25-18

Group member NAMES: Mavricio, Paul, David

WEATHER DATA ON 10-25-18

Weather Factor	Observation or Measurement
Temperature	57° F
Wind Speed	4 mph
Wind Direction	West to East
Atmospheric Pressure	30.02 IN HG
Relative Humidity (%)	22%
Precipitation (%)	10%
Cloud Cover	Overcast
Water Sample	Observation
	Spring Fed
Color?	clear
Odor?	Fishy
Foam?	No foam

WATER QUALITY

Location	Science Mill
Test/Sample	Town Creek
Temperature	69° F
Conductivity	696.0
Nitrates	25
pH	7.7
Phosphates	6.9 ppm
Dissolved Oxygen	6.9