

Group member NAMES: St. Louis, Edward, Bini, Eliel

WEATHER DATA ON 10-25-18

Weather Factor	Observation or Measurement
Temperature	59°F
Wind Speed	3 miles per hour NE
Wind Direction	NE
Atmospheric Pressure	30.11
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	99%
Water Sample	Observation
Color?	Clearish
Odor?	Smells Normal
Foam?	Zero

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	62°F	70°F
Conductivity	600	470
Nitrates	5	3
pH	8.4	7.5
Phosphates	1.1	4.4
Dissolved Oxygen	5	1.3 PPM

Group member NAMES: Ethan, Joaquin and Mario

WEATHER DATA ON 10/25/18

Weather Factor	Observation or Measurement
Temperature	59°F
Wind Speed	3 miles per hour
Wind Direction	North East
Atmospheric Pressure	30.11
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	Overcast
Water Sample	Observation
Color?	Clear
Odor?	No odor
Foam?	No foam

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	63°F	69°F
Conductivity	120	448
Nitrates	21	2
pH	7.7	7.7
Phosphates	2	3
Dissolved Oxygen	4.8 ppm	1 ppm

Group member NAMES: William, Becca St. Louis

WEATHER DATA ON 10-25-18

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	59°
Wind Speed	6 mph
Wind Direction	Northeast
Atmospheric Pressure	30.11 inHg
Relative Humidity (%)	22%
Precipitation (%)	0
Cloud Cover	overcast
Water Sample	Observation
Color?	yellowish-clear
Odor?	a little smelly
Foam?	No

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	49°F	67°F
Conductivity	750	515
Nitrates	23	2
pH	7.77	7.8
Phosphates	2.5	4
Dissolved Oxygen	4.8	

Group member NAMES:

Lilly, Christina, Clare

St. Louis Catholic School

WEATHER DATA ON 10-25-18

Weather Factor	Observation or Measurement
Temperature	59°F
Wind Speed	4
Wind Direction	Northeast
Atmospheric Pressure	30.11 IN.HG
Relative Humidity (%)	22%
Precipitation (%)	0.00 in.
Cloud Cover	Overcast
Water Sample	Observation
Color?	Clear w/ a little dirt
Odor?	Not really / none
Foam?	No

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	45°F	63°F
Conductivity	500	525
Nitrates	30	3
pH	7	8.5
Phosphates	2.5	2
Dissolved Oxygen	4	2.5

Group member NAMES: Bella, Ethan, Riley

WEATHER DATA ON 10/25/18

Weather Factor	Observation or Measurement
Temperature	59°F
Wind Speed	2 mph
Wind Direction	NE
Atmospheric Pressure	30.11 inHg
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	partially cloudy
Water Sample	Observation
Color?	clear, little brown speck particles
Odor?	No smell
Foam?	No foam

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	50°F	68°F
Conductivity	111	461
Nitrates	30	3
pH	8.9	8
Phosphates	2	3
Dissolved Oxygen	5.47 ppm	2 ppm

Group member NAMES: Renae, Courtney, Madi St. Louis Austin

WEATHER DATA ON 10-25-18

Weather Factor	Observation or Measurement
Temperature	59°F
Wind Speed	4 mph
Wind Direction	north
Atmospheric Pressure	30.11
Relative Humidity (%)	22%
Precipitation (%)	0.66 in
Cloud Cover	overcast
Water Sample	Observation
Color?	Clear / transparent
Odor?	None
Foam?	None

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	60°F	65°F
Conductivity	100	461 ppm
Nitrates	10	3
pH	6.5	7
Phosphates	5	4
Dissolved Oxygen	5	4

Group member NAMES: melissa, Hong-Van, Alejandra
 St. Louis 10/25/18

WEATHER DATA ON 10/25

Weather Factor	Observation or Measurement
Temperature	59°
Wind Speed	4 mph
Wind Direction	North Northeast
Atmospheric Pressure	30.11 inHg
Relative Humidity (%)	22%
Precipitation (%)	0 in
Cloud Cover	overcast
Water Sample	Observation
Color?	Slightly yellow
Odor?	No
Foam?	No

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	55°	68°
Conductivity	200	440 ppm
Nitrates	H	3
pH	7	8
Phosphates	5	3
Dissolved Oxygen	5	3

Group member NAMES:

Penelope, Ethan A, John Edward
St. Louis Catholic School

WEATHER DATA ON Oct. 25, 2018

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	59°
Wind Speed	4
Wind Direction	North
Atmospheric Pressure	30.11
Relative Humidity (%)	22%
Precipitation (%)	0%
Cloud Cover	overcast
Water Sample	Observation
Color?	Clear and some little dirt
Odor?	No
Foam?	No

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	49°	68°
Conductivity	1,369	470
Nitrates	29	3
pH	4.8	8
Phosphates	2	4
Dissolved Oxygen	5.3829	3 ppm