

Pathways
10:30 Lab

Group member NAMES: Angel, Elijah, Ty, Shawn

WEATHER DATA ON 3/8/19

Weather Factor	Observation or Measurement
Temperature	68°
Wind Speed	18 mph
Wind Direction	West-Southwest
Atmospheric Pressure	30.07
Relative Humidity (%)	19%
Precipitation (%)	10%
Cloud Cover	Mostly cloudy
Water Sample	Observation
Color?	Green
Odor?	no odor
Foam?	leave dirt

Algae

WATER QUALITY

Location	Prediction	Town Creek
town creek		Science Mill
Test/Sample		
Temperature	30°	66°
Conductivity	300	422
Nitrates	20	3.5
pH	13	7.5
Phosphates	1.75	2.5
Dissolved Oxygen	6	.5

Isiah

Group member NAMES: JACOB

WEATHER DATA ON 3-8-19

Weather Factor	Observation or Measurement
Temperature	68°
Wind Speed	10 miles
Wind Direction	South
Atmospheric Pressure	30.08"
Relative Humidity (%)	18°
Precipitation (%)	10°
Cloud Cover	Mostly cloudy
Water Sample	Observation
Color?	cloudy
Odor?	No smell
Foam?	No foam

WATER QUALITY

Location	Prediction	Town Creek
TOWN creek		Science Mill
Test/Sample		
Temperature	45° F	63%
Conductivity	50	4.39
Nitrates	2.0%	5
pH	7.9	8
Phosphates	1	2
Dissolved Oxygen	4.5	2

Group member NAMES:

George Joseph - E



WEATHER DATA ON 3/8/19

Weather Factor	Observation or Measurement
Temperature	68°F
Wind Speed	19 mph - 29 ft/sec
Wind Direction	Southwest.
Atmospheric Pressure	30.01
Relative Humidity (%)	100%
Precipitation (%)	0.00 in
Cloud Cover	Overcast.
Water Sample	Observation
Color?	Clear
Odor?	Dirt mixed with Algae
Foam?	NO Foam

WATER QUALITY

Location	Town Creek	Science Mill
Test/Sample	Prediction	Town Creek
Temperature	60°F	63°F
Conductivity	1250	449
Nitrates	25	1
pH	7.5	8
Phosphates	25	1
Dissolved Oxygen	5.5	0

Group member NAMES: Dylan, David, Sumus

WEATHER DATA ON 3/8/19

Weather Factor	Observation or Measurement
Temperature	68°F
Wind Speed	18 mph
Wind Direction	from South west
Atmospheric Pressure	30.07 inHg
Relative Humidity (%)	19%
Precipitation (%)	10% chance
Cloud Cover	Overcast
Water Sample	Observation
Color?	clear
Odor?	no smell
Foam?	dirt + small organisms

WATER QUALITY

Location	Town Creek	Science Mill
Test/Sample	Prediction	Town Creek
Temperature	70°F	69°F
Conductivity	1757	405
Nitrates	27	2.5
pH	7	8.5
Phosphates	.7	1
Dissolved Oxygen	4	.5

Group member NAMES: ^{Curtis} HERIBERTO ROMAN

WEATHER DATA ON 3.8.19

Weather Factor	Observation or Measurement
Temperature	68°F
Wind Speed	10
Wind Direction	South West
Atmospheric Pressure	30.08
Relative Humidity (%)	18%
Precipitation (%)	100%
Cloud Cover	Mostly Cloudy
Water Sample	Observation
Color?	Clear
Odor?	None
Foam?	Stick

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	70°	62°F
Conductivity	500	440
Nitrates	65	0
pH	7	PH 8
Phosphates	2	1
Dissolved Oxygen	8	3

Ravi Nakh Taran

Group member NAMES:

WEATHER DATA ON 3-8-19

Weather Factor	Observation or Measurement
Temperature	68°F
Wind Speed	18 MPH
Wind Direction	West-South West
Atmospheric Pressure	30.07
Relative Humidity (%)	18%
Precipitation (%)	10%
Cloud Cover	Mostly cloudy
Water Sample	Observation
Color?	Cloudy
Odor?	Humid
Foam?	Dirt Bug

WATER QUALITY

Location	TOWN Creek	Science Mill
Test/Sample	Prediction	Town Creek
Temperature	58°F	63°F
Conductivity	650	405
Nitrates	15	35
pH	8	8
Phosphates	1	2
Dissolved Oxygen	3½	2

Group member NAMES: Mary Max Jai

WEATHER DATA ON 3/8/19

Weather Factor	Observation or Measurement
Temperature	68°
Wind Speed	10 mph
Wind Direction	South to west
Atmospheric Pressure	29.95
Relative Humidity (%)	19%
Precipitation (%)	0.00 inches
Cloud Cover	overcast
Water Sample	Observation
Color?	Cloudy
Odor?	N/A
Foam?	N/A

WATER QUALITY

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	43°F	64.0°
Conductivity	450 u/cm	35.6
Nitrates	15	5
pH	7.3	8
Phosphates	2	0.5
Dissolved Oxygen	5	0

Group member NAMES: FAYLOR, CARL, CADDOY

WEATHER DATA ON 3/8/19

Weather Factor	Observation or Measurement
Temperature	68°
Wind Speed	10 MPH
Wind Direction	West/Southwest
Atmospheric Pressure	30.07
Relative Humidity (%)	19%
Precipitation (%)	0.00
Cloud Cover	CL00%
Water Sample	Observation
Color?	Clear
Odor?	FRESH
Foam?	Sticks

WATER QUALITY

Location	Prediction	Town Creek
Town Creek		Science Mill
Test/Sample		
Temperature	63.3	63.3
Conductivity	54%	49.18
Nitrates	4.0%	2
pH	8.12	8
Phosphates	2	1
Dissolved Oxygen	3	2