

Valor

Group member NAMES: Jason, EJ, Raynor

WEATHER DATA ON 3/5/19

Weather Factor	Observation or Measurement
Temperature	35°F
Wind Speed	12 MPH
Wind Direction	North East
Atmospheric Pressure	30.55
Relative Humidity (%)	18%
Precipitation (%)	27%
Cloud Cover	Clear
Water Sample	Observation
Color?	clear
Odor?	Bad
Foam?	None

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	55°	56°
Conductivity	100	375
Nitrates	20	11
pH	7	8
Phosphates	0.35	1.5
Dissolved Oxygen	4	0.5

Group member NAMES: Naira
 Naira A. Ana M. Chloe R.

WEATHER DATA ON 3/5/19

Weather Factor	Observation or Measurement
Temperature	35°
Wind Speed	4 mph
Wind Direction	East North
Atmospheric Pressure	30.01
Relative Humidity (%)	18%
Precipitation (%)	0.01
Cloud Cover	clear
Water Sample	Observation
Color?	clear
Odor?	trash
Foam?	no

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature C	35°	58°
Conductivity M	745	389
Nitrates A	40	2½
pH C	7½	8½
Phosphates A	6	½
Dissolved Oxygen M	5	4

Valor

Group member NAMES: Asher Kohn, Reeves Anant

WEATHER DATA ON 3/5/19

Weather Factor	Observation or Measurement
Temperature	35°
Wind Speed	14 12 mph
Wind Direction	North-Northeast
Atmospheric Pressure	30.55 INHG
Relative Humidity (%)	190%
Precipitation (%)	0
Cloud Cover	Clear
Water Sample	Observation
Color?	CLEAR
Odor?	Fishy
Foam?	None

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	
Temperature	62	57
Conductivity	787	335
Nitrates	12	2.5
pH	8	7.9
Phosphates	0.88 mg/L	0.5
Dissolved Oxygen	5.5	2.1

Valor Public Schools

Group member NAMES: Abigail C., Mia W., Reagan W.

WEATHER DATA ON 3/5/19

Weather Factor	Observation or Measurement
Temperature	35°F
Wind Speed	10 mph
Wind Direction	North
Atmospheric Pressure	30.61 IN HG
Relative Humidity (%)	18%
Precipitation (%)	0
Cloud Cover	Clear
Water Sample	Observation
Color?	Clear
Odor?	Faint smell
Foam?	no foam

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	40°	60°
Conductivity	1000	4115
Nitrates	23	2
pH	7	8
Phosphates	2.12	1.5
Dissolved Oxygen	4	1

Group member NAMES: Valer Simon

Christian, Julian Johnson

WEATHER DATA ON 3/5/14

Weather Factor	Observation or Measurement
Temperature	35°F
Wind Speed	9 mph
Wind Direction	EAST-Northeast
Atmospheric Pressure	30.61
Relative Humidity (%)	19%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	0.01% green (clear)
Odor?	Rackish No, dirt 1%, none 98%
Foam?	0%

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	49°F	60°F
Conductivity	900	42~4
Nitrates	35	2
pH	8	8.2
Phosphates	4	1
Dissolved Oxygen	5	1

Volor

Group member NAMES: Manuel S. Cabal K. Isabella A.

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	25°F
Wind Speed	0 mph
Wind Direction	North-Northeast
Atmospheric Pressure	30.61
Relative Humidity (%)	14%
Precipitation (%)	0.0
Cloud Cover	clear
Water Sample	Observation
Color?	Blurry
Odor?	crack
Foam?	None

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	40°F	60°F
Conductivity	1000	298
Nitrates	90	3
pH	7	7.75
Phosphates	0.75	1.5
Dissolved Oxygen	4	0