

Group member NAMES: Elizabeth L, Trisha B, Elizabeth R.

WEATHER DATA ON 9/19/2018

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	10 MPH
Wind Direction	South
Atmospheric Pressure	30.18 INHG
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Green / Brown
Odor?	No
Foam?	No

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	69°F	75°F
Conductivity	71.8	45.8
Nitrates	2.5	4
pH	6.8	8.2
Phosphates	1.1	2.8
Dissolved Oxygen	5.4	1.5

Group member NAMES: Devin, Alyxis, Bella

WEATHER DATA ON 19 September, 2018

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	81°
Wind Speed	7 mph
Wind Direction	south
Atmospheric Pressure	30.18
Relative Humidity (%)	12%
Precipitation (%)	0
Cloud Cover	clear
Water Sample	Observation
Color?	brown/green
Odor?	musty
Foam?	no

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	68°F	7.2°F
Conductivity	high yellow low	454
Nitrates	25	5
pH	6	8
Phosphates	8	4
Dissolved Oxygen	6	4

Group member NAMES: Anthony Olivo, Ngege Nfor, Jace Frost

WEATHER DATA ON Creek Water

Weather Factor	Observation or Measurement
Temperature	81°f
Wind Speed	10 mph
Wind Direction	South
Atmospheric Pressure	30.18 INHG
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	None / Clear skies
Water Sample	Observation
Color?	Greenish Brown
Odor?	No serious odor
Foam?	No foam

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	65°	78°
Conductivity	650	421
Nitrates	2.5	2.5
pH	5.5	7
Phosphates	4.5	4
Dissolved Oxygen	7	4

Group member NAMES: Khalil, Jacob, Gabriel

WEATHER DATA ON 9-19-18

Weather Factor	Observation or Measurement
Temperature	81°
Wind Speed	5-7 MPH
Wind Direction	West - Southwest
Atmospheric Pressure	30.18
Relative Humidity (%)	10%
Precipitation (%)	0
Cloud Cover	Clear
Water Sample	Observation
Color?	Brownish-green
Odor?	Rain-like smell
Foam?	None

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	60°	77°
Conductivity	600	448
Nitrates	10 ppm	3 ppm
pH	6.2 pH	8 pH
Phosphates	1 ppm	4 ppm
Dissolved Oxygen	8	4

Group member NAMES: Michelle S. Katelyn A. Stephen Garza

WEATHER DATA ON 9/18/18

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	7 MPH
Wind Direction	South
Atmospheric Pressure	30.18 INHG
Relative Humidity (%)	21%
Precipitation (%)	0
Cloud Cover	Clear
Water Sample	Observation
Color?	Brown
Odor?	N/A
Foam?	None

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	70°F	70°F
Conductivity	90	484
Nitrates	25	5
pH	6	7
Phosphates	10	1
Dissolved Oxygen	8	4 ppm

Group member NAMES:

WEATHER DATA ON 9/19/18

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	7 mph
Wind Direction	South to Southeast
Atmospheric Pressure	30.18
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	clear
Water Sample	Observation
Color?	kinda brown
Odor?	no
Foam?	no

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	64°	75°
Conductivity	50-1500	465
Nitrates	25	5
pH	6	8.5
Phosphates	0.1	4
Dissolved Oxygen	7	4

9/19/2018

Group member NAMES:

WEATHER DATA ON September 19, 2018 WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	9 mph
Wind Direction	SW going NE
Atmospheric Pressure	30.18
Relative Humidity (%)	10%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Brownish
Odor?	unavailable
Foam?	no

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	74°F	72°F
Conductivity	463 High	463
Nitrates	25 ^S	5
pH	6 ⁸	8
Phosphates	8	4
Dissolved Oxygen	6	0 ppm

Group member NAMES: Imani Hardin, Salah Ali

WEATHER DATA ON 9/19/18

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	7 mph
Wind Direction	South INHG
Atmospheric Pressure	30.18 INHG
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Brown, green, clear
Odor?	N/A
Foam?	None

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	65°F	58°F
Conductivity	High-1000	449
Nitrates	27	4
pH	6.5	8
Phosphates	.75	4
Dissolved Oxygen	5	3

Group member NAMES: *Wace, Isalah, Nicholas*

WEATHER DATA ON *10/19/18*

Weather Factor	Observation or Measurement
Temperature	<i>81F</i>
Wind Speed	<i>8 mph</i>
Wind Direction	<i>SW</i>
Atmospheric Pressure	<i>29.51</i>
Relative Humidity (%)	<i>12%</i>
Precipitation (%)	<i>0%</i>
Cloud Cover	<i>clear</i>
Water Sample	Observation
Color?	<i>Brownish green hint of yellow</i>
Odor?	<i>none</i>
Foam?	<i>none</i>

WATER QUALITY

Location	<i>Science Mill</i>	
Test/Sample	<i>Prediction</i>	<i>Town Creek</i>
Temperature	<i>75</i>	<i>76</i>
Conductivity	<i>800</i>	<i>478</i>
Nitrates	<i>15</i>	<i>01</i>
pH	<i>6</i>	<i>8</i>
Phosphates	<i>88</i>	<i>4</i>
Dissolved Oxygen	<i>3</i>	<i>4</i>

Group member NAMES:

WEATHER DATA ON 9/19/18

Weather Factor	Observation or Measurement
Temperature	81°F
Wind Speed	6mi
Wind Direction	South east
Atmospheric Pressure	30.18
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Green brown
Odor?	None
Foam?	None

WATER QUALITY

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	80°F	78°F
Conductivity	700	448
Nitrates	27	2.5
pH	5	8
Phosphates	.5	4
Dissolved Oxygen	3	4