

Group member NAMES:

## WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	west
Atmospheric Pressure	29.6 in.
Relative Humidity (%)	71%
Precipitation (%)	.03
Cloud Cover	
Water Sample	Observation
Color?	yellowish
Odor?	none
Foam?	none

## WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature		86F°
Conductivity		273
Nitrates	35	8
pH	50	5
Phosphates	2	2
Dissolved Oxygen	4	0

Group member NAMES:

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03
Cloud Cover	cloudy
Water Sample	Observation
Color?	Clear
Odor?	Nothing
Foam?	Nothing

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature		70
Conductivity	284	284
Nitrates	60	
pH	5	
Phosphates		
Dissolved Oxygen		

Group member NAMES:

# WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°F
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	Cloudy
<b>Water Sample</b>	<b>Observation</b>
Color?	Clear
Odor?	None
Foam?	None

# WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	74°F	
Conductivity	298	
Nitrates	15	5
pH		8
Phosphates	3	2
Dissolved Oxygen	0	0

Group member NAMES:

# WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	70%
Cloud Cover	Cloudy
Water Sample	Observation
Color?	Yellowish
Odor?	Nothing
Foam?	

# WATER QUALITY

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	70.5	
Conductivity	285	
Nitrates	45	5
pH	8	8
Phosphates	5	1
Dissolved Oxygen		0

Group member NAMES:

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	0.03
Cloud Cover	
<b>Water Sample</b>	<b>Observation</b>
Color?	(little bit) Yellow
Odor?	Smells little
Foam?	No

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature		72°F
Conductivity		582
Nitrates	50	3.5
pH	8	8
Phosphates	2	4
Dissolved Oxygen	2	8

Group member NAMES:

# WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	West?
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	Cloudy
<b>Water Sample</b>	<b>Observation</b>
Color?	Clear
Odor?	nothing
Foam?	small

# WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	72	
Conductivity	287	
Nitrates	55	5
pH	8	
Phosphates	1	
Dissolved Oxygen	0	

Group member NAMES:

## WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	west
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	cloudy
Water Sample	Observation
Color?	clear
Odor?	normal/not stinky
Foam?	None

## WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature		70
Conductivity		299
Nitrates	50	5
pH	5	7
Phosphates	1 part per million	4
Dissolved Oxygen		

Group member NAMES:

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	Cloudy
<b>Water Sample</b>	<b>Observation</b>
Color?	cloudy
Odor?	Normal
Foam?	No foam

**WATER QUALITY**

Location	Prediction	Town Creek
Test/Sample		
Temperature	67°	67°
Conductivity	282	282
Nitrates	36	5
pH	8	8.5
Phosphates	2	12
Dissolved Oxygen		



Group member NAMES:

## WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	WEST
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.3
Cloud Cover	Cloudy
Water Sample	Observation
Color?	Kindy yellow
Odor?	Fishy
Foam?	None

## WATER QUALITY

Location	Science Mill
Test/Sample	Prediction
Temperature	72
Conductivity	280
Nitrates	36
pH	8
Phosphates	4
Dissolved Oxygen	Oppm
	Town Creek
	5

Group member NAMES:

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 inch
Cloud Cover	cloudy
<b>Water Sample</b>	<b>Observation</b>
Color?	clear yellow
Odor?	nothing
Foam?	

**WATER QUALITY**

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	70°F	78
Conductivity	306	
Nitrates	38	
pH	8	8
Phosphates	0.1	1
Dissolved Oxygen	0	0

0.0

Group member NAMES: Julieta, Alexa, Milena

# WEATHER DATA ON \_\_\_\_\_

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	West
Atmospheric Pressure	29.6
Relative Humidity (%)	71%
Precipitation (%)	.03%
Cloud Cover	cloudy
Water Sample	Observation
Color?	clear
Odor?	fishy
Foam?	None

# WATER QUALITY

Location	Science Mill
Test/Sample	Prediction
Temperature	7.2°
Conductivity	89.2
Nitrates	60%
Phosphates	60%
Dissolved Oxygen	

Group member NAMES:

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1 MPH
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in.
Cloud Cover	cloudy
Water Sample	Observation
Color?	clear
Odor?	Nothing
Foam?	NO

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature		75 F
Conductivity	50-150	312
Nitrates		
pH	6	8
Phosphates	0.5	0
Dissolved Oxygen		

3

Group member NAMES:

**WEATHER DATA ON**

May 24th

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1mph
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	cloudy
Water Sample	Observation
Color?	Clear
Odor?	Smells weird
Foam?	No

**WATER QUALITY**

Location	Prediction	Town Creek
Location	High	Science Mill
Test/Sample	Prediction	Town Creek
Temperature	37°	22°
Conductivity	50	303
Nitrates	27	25
pH	7.2	8
Phosphates	2.7	3.9
Dissolved Oxygen	4.2	1.8

Group member NAMES:

**WEATHER DATA ON** May 21

Weather Factor	Observation or Measurement
Temperature	66° Cloudy
Wind Speed	1 mph
Wind Direction	From the North
Atmospheric Pressure	29.68
Relative Humidity (%)	71
Precipitation (%)	.03 in
Cloud Cover	Cloudy
Water Sample	Observation
Color?	Foggy
Odor?	None
Foam?	None

**WATER QUALITY**

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	60°	72°
Conductivity	150°	562°
Nitrates	1-40	25°
pH	6.5-8.2 5-8.5 5.5-6	7°
Phosphates	1-6	2.5
Dissolved Oxygen		0.5

Group member NAMES:

**WEATHER DATA ON**

May 21<sup>st</sup>

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1 mph
Wind Direction	North
Atmospheric Pressure	29.69
Relative Humidity (%)	71%
Precipitation (%)	0.05 in
Cloud Cover	cloudy
Water Sample	Observation
Color?	Stuffy / sort of clear
Odor?	Doesn't really smell
Foam?	Kind of foamy

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	71°	71°
Conductivity	50-1500	280
Nitrates	34	<del>11</del>
pH	7	<del>8</del>
Phosphates	1	4
Dissolved Oxygen	4	0

Group member NAMES:

**WEATHER DATA ON**

May 24

Weather Factor	Observation or Measurement
Temperature	56°
Wind Speed	1 mi per hour
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	0.3 in %
Cloud Cover	
<b>Water Sample</b>	<b>Observation</b>
Color?	green
Odor?	Eggs
Foam?	Foamy

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	25	
Conductivity	277	
Nitrates	25	
pH	5.7	
Phosphates	2.5	
Dissolved Oxygen	4.2	



Group member NAMES: Bella, Izabel Anglissess

WEATHER DATA ON 5/21/19

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1 mph
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	0.3 inches
Cloud Cover	cloudy
Water Sample	Observation
Color?	yellowish
Odor?	Swamp
Foam?	Flat

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	60°	21°
Conductivity	150	293
Nitrates	44	55
pH	6.5	7
Phosphates	3	4
Dissolved Oxygen	1	0

Group member NAMES:

**WEATHER DATA ON** May 24

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	0.3
Cloud Cover	
<b>Water Sample</b>	<b>Observation</b>
Color?	Yellow
Odor?	None
Foam?	None

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	85%	65%
Conductivity	110	163
Nitrates	35	0
pH	7.5	4.5
Phosphates		4
Dissolved Oxygen		0

Group member NAMES:

**WEATHER DATA ON** May 21, 2019

Weather Factor	Observation or Measurement
Temperature	66 °F
Wind Speed	2 mph
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03
Cloud Cover	Partly Cloudy
<b>Water Sample</b>	<b>Observation</b>
Color?	Clear Yellow
Odor?	Nothing No
Foam?	No.

**WATER QUALITY**

Location	Science Mill
Test/Sample	Prediction
Temperature	45%
Conductivity	90
Nitrates	29
pH	7.5
Phosphates	.1
Dissolved Oxygen	85%
	2
	8
	4
	20

Group member NAMES:

**WEATHER DATA ON** 4/21/19

Weather Factor	Observation or Measurement
Temperature	66
Wind Speed	1 Mile Per hour
Wind Direction	North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03
Cloud Cover	
Water Sample	Observation
Color?	Clear
Odor?	No skins
Foam?	

**WATER QUALITY**

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	Cold	20.3
Conductivity	No	275
Nitrates	20	0
pH	8	8
Phosphates	1	2
Dissolved Oxygen	6	0

Group member NAMES:

**WEATHER DATA ON** May 21

Weather Factor	Observation or Measurement
Temperature	66°
Wind Speed	1 m
Wind Direction	Nor W 4 hours
Atmospheric Pressure	729.68
Relative Humidity (%)	71%
Precipitation (%)	.03
Cloud Cover	
Water Sample	Observation
Color?	clear yellow
Odor?	Nothing
Foam?	liquid

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	24	
Conductivity	303	
Nitrates	27	
pH	7.5	8
Phosphates	2	2.5
Dissolved Oxygen	3	0.5

Group member NAMES:

**WEATHER DATA ON** May 21st

Weather Factor	Observation or Measurement
Temperature	66°F
Wind Speed	1mph
Wind Direction	From North
Atmospheric Pressure	29.68
Relative Humidity (%)	71%
Precipitation (%)	.03 in
Cloud Cover	Cloudy
Water Sample	Observation
Color?	Clear yellow
Odor?	Smell of nature
Foam?	NO foam

**WATER QUALITY**

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	60°	72°
Conductivity	50 - 1500 150	277
Nitrates	4/m 1-10 15	3
pH	acid < 7 > base 6.5	8
Phosphates	1-6 1 <	7.5
Dissolved Oxygen	1-6 4.5	2 ppm

1:45  
6:45  
12:30  
15:30  
10:30 > P1

Group member NAMES:

**WEATHER DATA ON** May 21<sup>st</sup>

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7
Wind Direction	N
Atmospheric Pressure	26.95
Relative Humidity (%)	NONE
Precipitation (%)	22°
Cloud Cover	0.7
Water Sample	Observation
Color?	Mostly clear, yellowish
Odor?	a little bit
Foam?	NO

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	75°	25°
Conductivity	150	283
Nitrates	40	5
pH	7	8
Phosphates	greater than 1	2
Dissolved Oxygen	3	0

Group member NAMES:

**WEATHER DATA ON** May 21

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7
Wind Direction	North
Atmospheric Pressure	9929.65
Relative Humidity (%)	32%
Precipitation (%)	
Cloud Cover	
<b>Water Sample</b>	<b>Observation</b>
Color?	Transparent Clear
Odor?	Nothing
Foam?	NO

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	<del>80°</del> 73°	20
Conductivity	50	289
Nitrates	40	0
pH	8 1/2	8
Phosphates	1	
Dissolved Oxygen	5	



Group member NAMES:

5

**WEATHER DATA ON** 5/21/19

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7°
Wind Direction	N
Atmospheric Pressure	29.65
Relative Humidity (%)	Clear
Precipitation (%)	
Cloud Cover	
<b>Water Sample</b>	<b>Observation</b>
Color?	Creates a little dirty
Odor?	Smells a little dirty
Foam?	little pieces of dirt

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	12°	21°
Conductivity	50°	307
Nitrates	20	5
pH	7 1/2	8
Phosphates	-1	1
Dissolved Oxygen	8	0

Group member NAMES:

**WEATHER DATA ON** March 12, 2011

Weather Factor	Observation or Measurement
Temperature	80°F
Wind Speed	North 7 mph
Wind Direction	North
Atmospheric Pressure	29.85"
Relative Humidity (%)	33%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Clear
Odor?	NB
Foam?	Yes

**WATER QUALITY**

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	78°	72°f
Conductivity	50	293
Nitrates	5	10
pH	8	6.5
Phosphates	2	Greater
Dissolved Oxygen	5	

Group member NAMES:

**WEATHER DATA ON** May 21, 2019

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7 mph
Wind Direction	North
Atmospheric Pressure	29.65
Relative Humidity (%)	32%
Precipitation (%)	.03
Cloud Cover	Clear
Water Sample	Observation
Color?	a tiny bit yellow
Odor?	No odor
Foam?	No foam

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	70°	20
Conductivity	50	280
Nitrates	40	5
pH	6.5	8
Phosphates	greater	1
Dissolved Oxygen	5	0

measured

Group member NAMES:

WEATHER DATA ON May 21 2010

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	80
Wind Speed	N7
Wind Direction	North
Atmospheric Pressure	29.65
Relative Humidity (%)	12.06
Precipitation (%)	
Cloud Cover	
Water Sample	Observation
Color?	Yes
Odor?	Yes
Foam?	NO

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	63°	73°
Conductivity	56	284
Nitrates	25	5
pH	6.12	8
Phosphates	(greater than water)	2
Dissolved Oxygen	2.6	0

0.0

Group member NAMES:

**WEATHER DATA ON** May 21

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7 mph
Wind Direction	North
Atmospheric Pressure	29.65
Relative Humidity (%)	32 %
Precipitation (%)	.07 %
Cloud Cover	Clear
Water Sample	Observation
Color?	Cloudy
Odor?	No
Foam?	No

**WATER QUALITY**

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	70°	74°
Conductivity	1000	302
Nitrates	24	5
pH	7	8
Phosphates	1	2
Dissolved Oxygen	4	4

Group member NAMES: Juliana C, Juliana G, Rachelle

May, 21, 19

**WEATHER DATA ON \_\_\_\_\_**

Weather Factor	Observation or Measurement
Temperature	80°
Wind Speed	7 mph
Wind Direction	North
Atmospheric Pressure	29.65
Relative Humidity (%)	32%
Precipitation (%)	.07 / .03
Cloud Cover	clear
Water Sample	Observation
Color?	Clear
Odor?	nothing
Foam?	no

**WATER QUALITY**

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	72°	
Conductivity	50-	
Nitrates	20	5
pH	6 1/2	8
Phosphates	less than one	
Dissolved Oxygen	blew 3	

May, 21, 2019

Group member NAMES:

WEATHER DATA ON 5/21/19

Weather Factor	Observation or Measurement
Temperature	
Wind Speed	7
Wind Direction	North
Atmospheric Pressure	29.65
Relative Humidity (%)	32%
Precipitation (%)	
Cloud Cover	Clear
Water Sample	Observation
Color?	Clear
Odor?	Dirty
Foam?	None

May 21, 2019

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	75°	72°
Conductivity	50	312
Nitrates	30	5
pH	6	8
Phosphates	0.5	1
Dissolved Oxygen	4	0

Group member NAMES:

Nitrate 5

24

8

**WEATHER DATA ON**

10/21

**WATER QUALITY**

Weather Factor	Observation or Measurement
Temperature	50.3
Wind Speed	North
Wind Direction	North
Atmospheric Pressure	29.15
Relative Humidity (%)	32
Precipitation (%)	
Cloud Cover	Clear
Water Sample	Observation
Color?	1 Clear
Odor?	9.5 in 44
Foam?	No

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	74°	72
Conductivity	50%	312
Nitrates	30%	5
pH	6	8
Phosphates	0.1	1
Dissolved Oxygen	13	10



M

Group member NAMES:

**WEATHER DATA ON** May, 21

Weather Factor	Observation or Measurement
Temperature	80°F
Wind Speed	7 mph
Wind Direction	N
Atmospheric Pressure	29.65
Relative Humidity (%)	32.1.
Precipitation (%)	0.07
Cloud Cover	Clear
<b>Water Sample</b>	<b>Observation</b>
Color?	yellow / clear
Odor?	Water
Foam?	

**WATER QUALITY**

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	75°	72
Conductivity	60	282
Nitrates	27	5
pH	6	7
Phosphates	greater 1	4
Dissolved Oxygen	4	0