

Group member NAMES: *Hammie Boyd, Nathaniel Romero, Christopher Neit, Bradalysse Lopez*

John Jay

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	84F°
Wind Speed	0
Wind Direction	—
Atmospheric Pressure	29.91
Relative Humidity (%)	65%
Precipitation (%)	—
Cloud Cover	<i>clear</i>
Water Sample	Observation
Color?	<i>yellowish</i>
Odor?	<i>smells to pond</i>
Foam?	<i>no foam</i>

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature		74 °F 23 °C
Conductivity	250	250
Nitrates	5	5
pH	10	8
Phosphates	25	4
Dissolved Oxygen	4	4

Group member NAMES: melissa, crise, alyson

John Jay

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	light yellow tint
Odor?	pond water
Foam?	dirt

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	60°	78°
Conductivity	850	210
Nitrates	40+	3
pH	4	8.5
Phosphates	2.1	2
Dissolved Oxygen	5.5	2

Group member NAMES: Jodynn H., Sunny N. Andrey N. IZZZY

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91 in
Relative Humidity (%)	81%
Precipitation (%)	0
Cloud Cover	Sunny
Water Sample	Observation
Color?	very murky eaded yellow
Odor?	None
Foam?	None, bits of some substance

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	60°F	76°F
Conductivity	430	273 ^{around}
Nitrates	14 (neutral)	— 105
pH	5.5-5.6 Prox daily	7.8
Phosphates	1 part per million	—
Dissolved Oxygen	5.4	1.5

4-70

Group member NAMES: _____

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78°
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	sunny
Water Sample	Observation
Color?	yellowish
Odor?	it smells weird
Foam?	little particles

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	72°	75°
Conductivity	500	25%
Nitrates	3 ppm	3
pH	8	8
Phosphates	.5 ppm	2
Dissolved Oxygen	3 ppm	1

Group member NAMES: Rylan, Corey, Abram

from John Jay

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78 °F
Wind Speed	60 F
Wind Direction	South
Atmospheric Pressure	29.91 in
Relative Humidity (%)	81 %
Precipitation (%)	0 %
Cloud Cover	Sunny
Water Sample	Observation
Color?	kinda yellow
Odor?	Smells like mud.
Foam?	yes / little pebbles

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	68%	69°/6
Conductivity	850	246
Nitrates	30 PPM	3 PPM
pH	9	8.6
Phosphates	2 PPM	1.8 PPM
Dissolved Oxygen	5.5 PPM	1.5 PPM

Group member NAMES:

Joseph, Louis, Jordan, Aidan

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	76°
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	Grayish
Odor?	Like a river
Foam?	NO Foam

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	60	77
Conductivity	600	277
Nitrates	20 parts	3
pH	6.9	8
Phosphates	.6989	2
Dissolved Oxygen	5	1.9

Group member NAMES: David Garcia Arianna V.

WEATHER DATA ON 9/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	Base line, light yellow
Odor?	Smells like faint urine
Foam?	No foam

WATER QUALITY

Location	Prediction	Science Mill
Test/Sample		Town Creek
Temperature	76°	80°
Conductivity	5230 14 parts	265
Nitrates	Poluted	2.5
pH	8	8
Phosphates	2.3	12
Dissolved Oxygen	4.2	2.3

Group member NAMES: Nathan, Alexander, Richard, Thomas

John Day

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sorry
Water Sample	Observation
Color?	light yellow
Odor?	fish
Foam?	Floating things

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	72°	78°
Conductivity	675	265
Nitrates	45	3
pH	8.2	8
Phosphates	1	1
Dissolved Oxygen	5	2

Group member NAMES: Xavi & C. ben, John Morgan

WEATHER DATA ON 9/18/19

WATER QUALITY

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	S
Atmospheric Pressure	29.91
Relative Humidity (%)	81°F
Precipitation (%)	0°F
Cloud Cover	part sunny
Water Sample	Observation
Color?	tan
Odor?	rusty
Foam?	none

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	LOW 70s	78
Conductivity	250	591
Nitrates	20	15.75
pH	5.5	8.5
Phosphates	.9	1.5
Dissolved Oxygen	8.9	7

Group member NAMES: Alexia, Edgar, Miguel, Anani

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78°
Wind Speed	0%
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	
Odor?	
Foam?	

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	60%	52%
Conductivity	50%	0%
Nitrates	45	5
pH	7.5	8
Phosphates	3.1	2
Dissolved Oxygen	5.2	4

Group member NAMES: Amethyst, JT, Aidan, & Corbin

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	South
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Sunny
Water Sample	Observation
Color?	Pee-ish
Odor?	Fishy
Foam?	No

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample	Prediction	Town Creek
Temperature	70°F	78°F
Conductivity	1,500	269
Nitrates	40ppb	2.5
pH	8.2	8
Phosphates	.69	2.6
Dissolved Oxygen	5.69	1

Group member NAMES: Juliette, Judith, achilles, Genesis

WEATHER DATA ON 9-18-19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	None
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	partly cloudy
Water Sample	Observation
Color?	yellow-ish / green-ish
Odor?	weird scent (unidentifiable)
Foam?	NONE

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	53°F	76°F
Conductivity	876	265
Nitrates	25	2
pH	4	8.3
Phosphates	2	1.5
Dissolved Oxygen	5	2

John Jay High School

Group member NAMES: Mia, Braylon, Noah, Emmanuel

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	0
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0
Cloud Cover	partly cloudy
Water Sample	Observation
Color?	tan/bright yellow
Odor?	dirt
Foam?	no

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	460	77
Conductivity	1000	264
Nitrates	25	1
pH	7.5	8.3
Phosphates	.75	1.5
Dissolved Oxygen	5.5	1

Group member NAMES: Patricia, Kyle, Xavier, Hayden

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	0
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0
Cloud Cover	partly cloudy
Water Sample	Observation
Color?	beige
Odor?	Distillate
Foam?	no

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	68°F	62°F
Conductivity	420	256
Nitrates	24	3
pH	8.76/6.9	8
Phosphates	1.02	1.69
Dissolved Oxygen	5.6	2.1

John Jay SEA

Group member NAMES: Ryan, Alexia, Danyelle, Eliza

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	None
Atmospheric Pressure	29.91 in
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly cloudy
Water Sample	Observation
Color?	greyish brown
Odor?	none
Foam?	none

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	76°F	74°F
Conductivity	Low 950	258
Nitrates	25	2
pH	7.5	8.5
Phosphates	1.3	125
Dissolved Oxygen	5	.5

Group member NAMES: Jose, Luis, Luke John ~~Jose~~

9/18/19

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	None
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly cloudy
Water Sample	Observation
Color?	yellowish
Odor?	River water
Foam?	No

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	76°F	75°F
Conductivity	1420	265
Nitrates	10	3
pH	9	8-9
Phosphates	2	2
Dissolved Oxygen	6.9	1.

Group member NAMES: Jacob, Arthur, Charize, Ethney

John Jay

WEATHER DATA ON 9-18-19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	
Atmospheric Pressure	29.91 in
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly cloudy
Water Sample	Observation
Color?	yellowish
Odor?	fishy
Foam?	None

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	70°F	74°F
Conductivity	600	271
Nitrates	10	3
pH	7.5	8.5
Phosphates	.8	2
Dissolved Oxygen	5	1

Group member NAMES: Annais, Iain

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	48°
Wind Speed	0
Wind Direction	0
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0
Cloud Cover	Partly Cloudy
Water Sample	Observation
Color?	<ul style="list-style-type: none"> • dirt • yellow-ish • translucent
Odor?	• N/A
Foam?	• NO FOAM

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	65	20
Conductivity	1,250	242
Nitrates	40	2
pH	7	8
Phosphates	1,000	3
Dissolved Oxygen	5	1

Group member NAMES: Samuel, Bella, Enun, Kevin

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0 MPH
Wind Direction	N/A
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly Cloudy
Water Sample	Observation
Color?	Yellow
Odor?	Smells like dirt.
Foam?	No

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	60°F	74°F
Conductivity	1,000	246
Nitrates	3	21.5
pH	7	8.5
Phosphates	2	7
Dissolved Oxygen	5.7	1

John Jay HS.

Group member NAMES: Nathan Emmanuel Steven Dante

WEATHER DATA ON 09/18/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0
Wind Direction	None
Atmospheric Pressure	29.19
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly Cloudy
Water Sample	Observation
Color?	yellowish
Odor?	888
Foam?	NO

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	76°F	78°F
Conductivity	400	264
Nitrates	20	2
pH	7	8
Phosphates	1	3
Dissolved Oxygen	6	1

Group member NAMES: Riley, Rebekah, Jacobo, Austin

WEATHER DATA ON

9/19/19

Weather Factor	Observation or Measurement
Temperature	78°F
Wind Speed	0 mph
Wind Direction	none
Atmospheric Pressure	29.91
Relative Humidity (%)	81%
Precipitation (%)	0%
Cloud Cover	Partly cloudy
Water Sample	Observation
Color?	murky, mostly clear, has brown specks
Odor?	earthy, dirt, wet rock
Foam?	no foam

WATER QUALITY

Location	Prediction	Science Mill
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	68°F	58%
Conductivity	400	261
Nitrates	15	1.53
pH	8	8
Phosphates	0.71	1.82
Dissolved Oxygen	5.47	2.75

Group member NAMES:

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	0
Wind Direction	None
Atmospheric Pressure	29.91
Relative Humidity (%)	65%
Precipitation (%)	0
Cloud Cover	Partly
Water Sample	Observation
Color?	Yellow
Odor?	Slight
Foam?	None

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	72	76
Conductivity	150	156
Nitrates	5	3
pH	8	8
Phosphates	1	1
Dissolved Oxygen	4	2

Group member NAMES:

WEATHER DATA ON 09/18/19

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	0 mph
Wind Direction	None
Atmospheric Pressure	29.91
Relative Humidity (%)	65 %
Precipitation (%)	0
Cloud Cover	Clear skies
Water Sample	Observation
Color?	Yellow tint
Odor?	bad odor
Foam?	None

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature		65 °F
Conductivity		240
Nitrates	6	3
pH	9	8
Phosphates	2	3
Dissolved Oxygen	4	2

9/18/19

Group member NAMES: JUANLARIA Miguel Perez Nare Bergeron I Sarah Carrillo

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	0
Wind Direction	
Atmospheric Pressure	29.91
Relative Humidity (%)	
Precipitation (%)	0
Cloud Cover	
Water Sample	Observation
Color?	yellow
Odor?	fish
Foam?	

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		Town Creek
Temperature	75	75
Conductivity	243	243
Nitrates	6	3
pH	6	8
Phosphates	6	1
Dissolved Oxygen	6	2

Group member NAMES:

WEATHER DATA ON

9-18-19

Weather Factor	Observation or Measurement
Temperature	54°F
Wind Speed	
Wind Direction	
Atmospheric Pressure	
Relative Humidity (%)	
Precipitation (%)	
Cloud Cover	
Water Sample	Observation
Color?	slight tint
Odor?	No
Foam?	No

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	70°F	72°F
Conductivity		263 ppm
Nitrates	4.20	2.5
pH	4	7.5
Phosphates		0.5
Dissolved Oxygen	5.7	2

September 18, 2019

Group member NAMES: John Jay HS

WEATHER DATA ON Clear

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	0
Wind Direction	
Atmospheric Pressure	
Relative Humidity (%)	
Precipitation (%)	
Cloud Cover	
Water Sample	Observation
Color?	Yes, yellow tint
Odor?	No
Foam?	No

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature		67°F
Conductivity		250
Nitrates	4	5
pH	10	7
Phosphates	6	2
Dissolved Oxygen	4	2

Group member NAMES:

John
Jay

WEATHER DATA ON 9/18/19

Weather Factor	Observation or Measurement
Temperature	84
Wind Speed	0
Wind Direction	North
Atmospheric Pressure	29.31
Relative Humidity (%)	65%
Precipitation (%)	None
Cloud Cover	Partly Cloudy
Water Sample	Observation
Color?	yellow
Odor?	fish/frog
Foam?	none

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	70	72
Conductivity		255
Nitrates	8	3
pH	7-14	8
Phosphates	10	1.5
Dissolved Oxygen	3	1

Group member NAMES:

9/18/19
John Jay HS

WEATHER DATA ON _____

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	0
Wind Direction	
Atmospheric Pressure	
Relative Humidity (%)	
Precipitation (%)	0%
Cloud Cover	
Water Sample	Observation
Color?	light yellow
Odor?	
Foam?	no

WATER QUALITY

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature		74°F 23°C
Conductivity		270
Nitrates	5	2
pH	8	8
Phosphates	2	2
Dissolved Oxygen	4	2

John Jay lab 11:30

Group member NAMES:

WEATHER DATA ON Sept. 18

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	0
Wind Direction	N/A
Atmospheric Pressure	29.91
Relative Humidity (%)	65
Precipitation (%)	0
Cloud Cover	partly cloudy
Water Sample	Observation
Color?	lightly yellow-green
Odor?	none
Foam?	None

WATER QUALITY

Location	Science Mill
Test/Sample	Prediction
Temperature	66° ^F 22°C
Conductivity	260
Nitrates	5
pH	6
Phosphates	1.1
Dissolved Oxygen	6
	Town Creek
Temperature	66° ^F 22°C
Conductivity	260
Nitrates	6
pH	8
Phosphates	1
Dissolved Oxygen	2

Group member NAMES: John Jay

WEATHER DATA ON 9/19/14

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	0 mph
Wind Direction	/
Atmospheric Pressure	29.91
Relative Humidity (%)	65
Precipitation (%)	0
Cloud Cover	Partly cloudy
Water Sample	Observation
Color?	Yellowish color
Odor?	dirt and worms
Foam?	None

WATER QUALITY

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature		74°F
Conductivity	266	266
Nitrates	4	
pH	4	
Phosphates	6	
Dissolved Oxygen	3	0

Group member NAMES:

Essiah Flores
Evan Weston
London Flores
Dylan Gordon
Cameron

WEATHER DATA ON 9/1/04

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	0 mph
Wind Direction	✓
Atmospheric Pressure	29.91
Relative Humidity (%)	65
Precipitation (%)	0
Cloud Cover	partly cloudy
Water Sample	Observation
Color?	yellowish
Odor?	stinky
Foam?	no

WATER QUALITY

Location	Prediction	Town Creek
Science Mill		
Test/Sample		
Temperature	75	74°
Conductivity	200	250
Nitrates	4	3
pH	11	8
Phosphates	5	3
Dissolved Oxygen	6	2