

**Group member NAMES:** Savannah Garza, Nicolas Mason

**WEATHER DATA ON** September 19<sup>th</sup>

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	7 mph
Wind Direction	Southwest
Atmospheric Pressure	30.17
Relative Humidity (%)	11%
Precipitation (%)	0%
Cloud Cover	14
Water Sample	Observation
Color?	mainly clear colored brown due to the bottom of the creek.
Odor?	Doesn't smell
Foam?	Dragon flies, leaves, small fish

**WATER QUALITY**

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	70° F	74° F
Conductivity	High/700	484
Nitrates	13	3
pH	5.7	7
Phosphates	2 per million	2
Dissolved Oxygen	5	4

9/19/18

**Group member NAMES:**

**WEATHER DATA ON WunderStation**

Weather Factor	Observation or Measurement
Temperature	86°F
Wind Speed	6 MPH
Wind Direction	Southwest
Atmospheric Pressure	29.90
Relative Humidity (%)	56%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Clear
Odor?	no odor
Foam?	none

**WATER QUALITY**

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	65°F	78°F
Conductivity	high	449
Nitrates	12	5
pH	5.5	8
Phosphates	2	<del>4</del> 4
Dissolved Oxygen	5	4

Nov 18

Group member NAMES: Julian Prosas, Esteban Toscano, Isabel Ramirez



-no u.-

# WEATHER DATA ON 9-19-18

# WATER QUALITY

HELLO

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	10 mph
Wind Direction	South west
Atmospheric Pressure	30.18
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	
Water Sample	Observation
Color?	Clear ← mostly anyways
Odor?	Smells like water
Foam?	none

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	65	77
Conductivity	High	<del>449</del>
Nitrates	32	<del>5</del>
pH	5.5-6	7
Phosphates	yellow	1
Dissolved Oxygen	5.5	0

Tyler, Haylie, Joshua

**Group member NAMES:**

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

Weather Factor	Observation or Measurement
Temperature	88°F
Wind Speed	8 mph west <del>South West</del>
Wind Direction	Southwest
Atmospheric Pressure	30.16
Relative Humidity (%)	11%
Precipitation (%)	0.00
Cloud Cover	Mostly cloudy
Water Sample	Observation
Color?	<del>Brown</del> Clear
Odor?	N/A
Foam?	N/A

**WATER QUALITY**

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	65°F	75°F
Conductivity	high	446
Nitrates	<del>high</del> 20	0
pH	5 1/2	8
Phosphates	2	4
Dissolved Oxygen	4	0

**Group member NAMES:**

**WEATHER DATA ON 9/14/18**

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	0 mph
Wind Direction	Southwest
Atmospheric Pressure	30.18 INHG
Relative Humidity (%)	11%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Clear
Odor?	None
Foam?	Some

**WATER QUALITY**

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	49°F	72
Conductivity	Low	—
Nitrates	18	4
pH	4	7.5
Phosphates	4	3
Dissolved Oxygen	5	3.5

**Group member NAMES:**

**WEATHER DATA ON** 19

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	10 mph
Wind Direction	Southwest
Atmospheric Pressure	30.16
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	Mostly Cloudy
Water Sample	Observation
Color?	Clear, brown at bottom
Odor?	No odor
Foam?	No foam

**WATER QUALITY**

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature	Room Temp.	78°
Conductivity	Not so much	454
Nitrates	10	0
pH	7	8
Phosphates	43	4
Dissolved Oxygen	4	4

Eric  
 Izabella  
 Annalina

**Group member NAMES:**

**WEATHER DATA ON 9-18-18**

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	10 miles per hour
Wind Direction	Southwest
Atmospheric Pressure	30.17 in hg
Relative Humidity (%)	12%
Precipitation (%)	50
Cloud Cover	Clear
Water Sample	Observation
Color?	clear water bottom of stream muddy green
Odor?	Smells like water
Foam?	no Leaves, bugs, rocks

Small fish

**WATER QUALITY**

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	31°F	78°F
Conductivity	high	478
Nitrates	20	5
pH	6 1/2	8
Phosphates	2	2
Dissolved Oxygen	3	4

Group member NAMES: Andre Marón, Carlos Piedra, Diego Martinez

September 19, 20

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

**WATER QUALITY**

Weather Factor	Observation or Measurement
Temperature	Current 84°F Dewpoint 24° Humidity 11% Wind Chill 88°
Wind Speed	13 mph
Wind Direction	South - Southwest
Atmospheric Pressure	30.17
Relative Humidity (%)	11%
Precipitation (%)	0%
Cloud Cover	None
<b>Water Sample</b>	<b>Observation</b>
Color?	Clear Greenish Brown
Odor?	Water
Foam?	No

Location	Prediction	Town Creek
Location		Science Mill
Test/Sample		
Temperature	55°F	74°F
Conductivity	High	445
Nitrates	25	0-5 <sup>possibly</sup> 2
pH	6.5	8
Phosphates	2	2
Dissolved Oxygen	4	4



**Group member NAMES:** lei'lani, Valeria Zavala, Anahi Ramos

9/14/28

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

**WATER QUALITY**

Weather Factor	Observation or Measurement
Temperature	84°
Wind Speed	7 mph <del>500</del>
Wind Direction	Southwest
Atmospheric Pressure	30.16
Relative Humidity (%)	11%
Precipitation (%)	0
Cloud Cover	None
Water Sample	Observation
Color?	Brown/green
Odor?	No odor
Foam?	Dragonflies, tadpoles, leaves

Location	Science Mill	
Test/Sample	Prediction	Town Creek
Temperature	60°F	43°F
Conductivity	High	Low
Nitrates	30	3
pH	6.5	6.5
Phosphates	2	4
Dissolved Oxygen	3	3

9/19/18

**Group member NAMES:** Anna, Maya, Ixchel, Alejandro

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

Weather Factor	Observation or Measurement
Temperature	84°F
Wind Speed	10 mph
Wind Direction	Southwest
Atmospheric Pressure	30.19
Relative Humidity (%)	12%
Precipitation (%)	0%
Cloud Cover	Clear
Water Sample	Observation
Color?	Brown Green Orange
Odor?	leaves drainage fly water
Foam?	N/A

**WATER QUALITY**

Location		Science Mill
Test/Sample	Prediction	Town Creek
Temperature *	65°F	72°F
Conductivity *	high	442 high
Nitrates	25	2
pH	7	7.5
Phosphates	4	4
Dissolved Oxygen	5	4