

Group member NAMES:

Junker Rhoi
Deron
Matthew

MEMORIAL
CHRISTIAN
ACADEMY

5-24-19

WEATHER DATA ON _____

WATER QUALITY

| Weather Factor | Observation or Measurement |
|-----------------------|----------------------------|
| Temperature | 76°F |
| Wind Speed | 12 mph |
| Wind Direction | north |
| Atmospheric Pressure | 29.89 |
| Relative Humidity (%) | 80% |
| Precipitation (%) | 0% |
| Cloud Cover | cloudy |
| Water Sample | Observation |
| Color? | Yellowish |
| Odor? | Sweet |
| Foam? | No |

| Location | Prediction | Town Creek |
|------------------|------------|--------------|
| Location | | Science Mill |
| Test/Sample | | |
| Temperature | 69.5 | 71 |
| Conductivity | 1350 | 463 |
| Nitrates | 39.5 | 0 |
| pH | 7 1/2 | 7.5 |
| Phosphates | 2 | 4.5 |
| Dissolved Oxygen | 5.3 | 1.5 |

Group member NAMES: cristian, Duke Tare UK Memorial Christian

WEATHER DATA ON 7600

WATER QUALITY

| Weather Factor | Observation or Measurement |
|-----------------------|----------------------------|
| Temperature | 76°F |
| Wind Speed | 17 MPH |
| Wind Direction | Northern |
| Atmospheric Pressure | 28.89 |
| Relative Humidity (%) | 80% |
| Precipitation (%) | 0% |
| Cloud Cover | Cloudy |
| Water Sample | Observation |
| Color? | clear |
| Odor? | fasty |
| Foam? | NO |

| Location | Prediction | Science Mill |
|------------------|------------|--------------|
| Test/Sample | | Town Creek |
| Temperature | 50°F | 70°F |
| Conductivity | 507 | 454 |
| Nitrates | 70 | 3 |
| pH | 5.45 | 6.5 |
| Phosphates | 1 | 3.85 |
| Dissolved Oxygen | 4.5 | 2 |

Group member NAMES: William S. Srivastava, Ariccia M.

Memorial Christian Academy

WEATHER DATA ON 5/24/19

WATER QUALITY

| Weather Factor | Observation or Measurement |
|-----------------------|----------------------------|
| Temperature | 76°F |
| Wind Speed | 12 mph |
| Wind Direction | North |
| Atmospheric Pressure | 29.89 |
| Relative Humidity (%) | 80% |
| Precipitation (%) | 0 |
| Cloud Cover | Cloudy |
| Water Sample | Observation |
| Color? | some cloudiness |
| Odor? | Some hair & bugs |
| Foam? | NA |

| Location | Prediction | Town Creek |
|------------------|------------|--------------|
| Location | | Science Mill |
| Test/Sample | Prediction | Town Creek |
| Temperature | 65°F | 54°F |
| Conductivity | 100 | 467 |
| Nitrates | 32 | 2.5 |
| pH | 5 | 8.5 |
| Phosphates | 3 | 4 |
| Dissolved Oxygen | 4 | 1.2 |

Memorial Christian Academy

Group member NAMES:

CP / MI / MU / SC

5/24/19

WEATHER DATA ON _____

| Weather Factor | Observation or Measurement |
|-----------------------|----------------------------|
| Temperature | 76° |
| Wind Speed | 12 mph |
| Wind Direction | North |
| Atmospheric Pressure | 29.89 in. |
| Relative Humidity (%) | 80% |
| Precipitation (%) | 0% |
| Cloud Cover | Cloudy |
| Water Sample | Observation |
| Color? | Clear |
| Odor? | None |
| Foam? | None |

WATER QUALITY

| Location | Prediction | Town Creek |
|------------------|------------|------------|
| Science Mill | | |
| Test/Sample | | |
| Temperature | 73° | 67° |
| Conductivity | 467 | 451 |
| Nitrates | 7 | 3.8 |
| pH | 7.2 | 7.5 |
| Phosphates | 1 | 3 |
| Dissolved Oxygen | 6 ppm | 3.2 |