Watershed Protection at Willistown Conservation Trust

- Established in 2017 through an award from the William Penn Foundation
- Explicitly embraces the link between land protection and water quality
- Water stewardship in the headwaters of Ridley, Crum, and Darby Creeks
Develop a stronger understanding of the condition and stressors of Darby Creek Headwaters
All protected lands and critical properties in the Upper Crum Creek Greenway are part of an Audubon Society Important Bird Area.
Upper Mainline YMCA

- Youth Earth Service Corps Program
- Assisting in collection of water samples at UMLY locations
- Hands on education and experience in water quality research
Data Collection

- Monthly Collection at each site:
  - Water sample
  - Data points at each of the ten sites
    - Temperature, pH, salinity, depth, conductivity
- We will provide all necessary equipment and training!
Field Kit Contents

- Conductivity Meter
- Thermometer
- 1 Liter Nalgene bottle
- Chloride Strips
- pH Strips
- Cups

On Site

- Water Temperature Logger
- Water Depth Logger
Sample Site ID: DARBYHW1
Date: 11 April 2020
Time: 10:37 AM

Triple Rinse the Sample
Goals for Data Collection

- Collect Baseline Data
- Use Data to make recommendations on Best Management Practices
- Continue collecting Data
- This is just the beginning!
STAY INVOLVED

• Thursday April 16 at noon: Lunch with Bugs
• Thursday April 23 at noon: Monitor My Watershed

• Followed by a digital stream walk, a lecture on fishes, riparian buffers and so much more!
If you are interested in becoming a volunteer contact:

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