



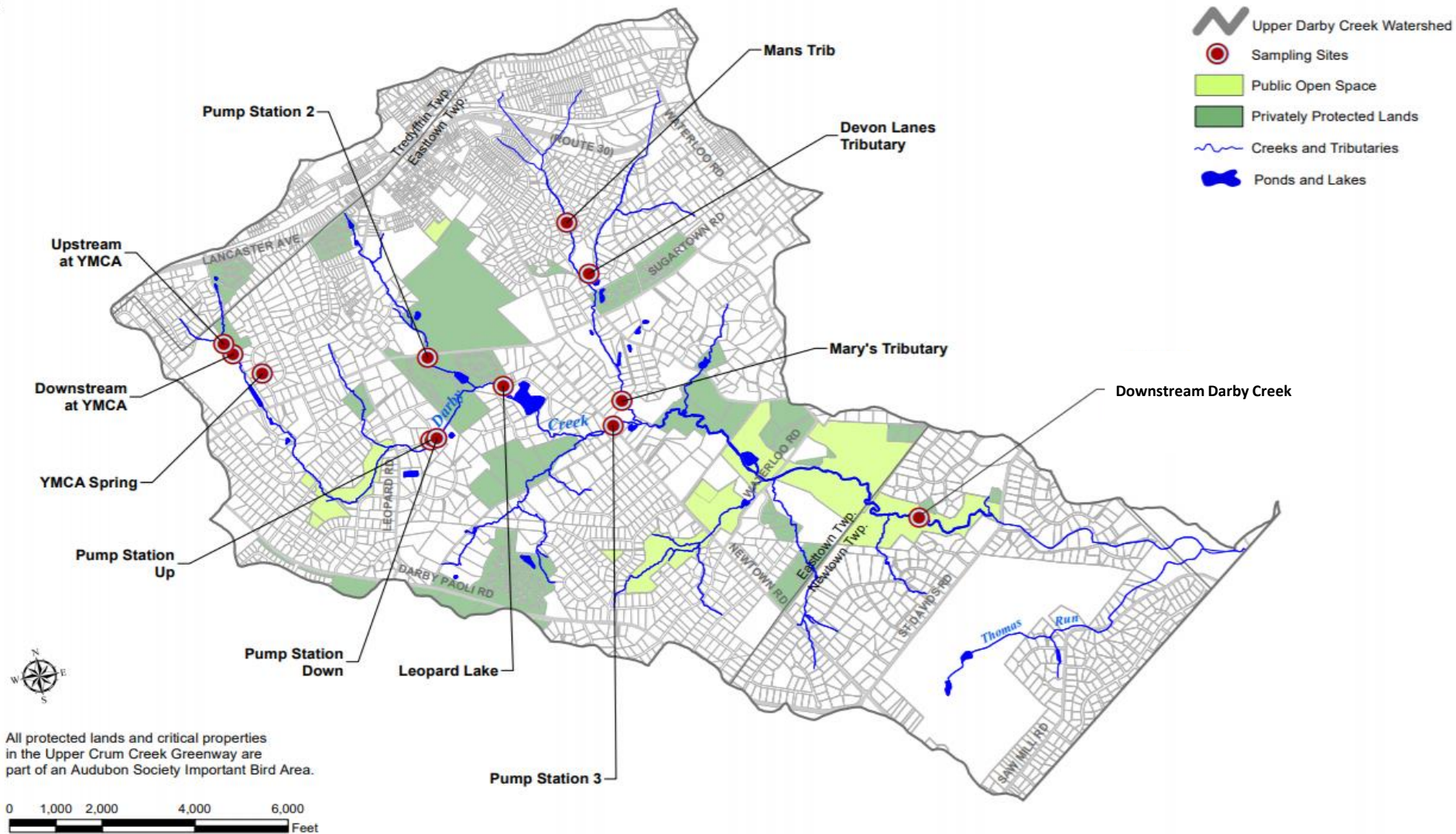
Watershed Protection at Willistown Conservation Trust

- 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

Project Goals

- Develop a stronger understanding of the condition and stressors of Darby Creek Headwaters





Map Created:
1/22/20
SNC



WILLISTOWN CONSERVATION TRUST

925 Providence Road - Newtown Square, PA 19073 tel: (610) 353-2562 fax: (610) 325-0869

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



Triple Rinse the Sample

Sample Site ID:

DARBYHW1

Date:

11April2020

Time:

10:37 AM





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:

Sue Miller, Darby Creek Valley Association

Email: suedcva@gmail.com

Derron LaBrake

Email: 2ndvp@dcva.org



David Bressler

Email: bressler@stroudcenter.org



Lauren McGrath

Email: LBM@wctrust.org



