The Conodoguinet Creek Snapshot Program

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Snapshot Overview

- Conodoguinet Creek Watershed Association (CCWA) meeting- early 2017
- Creation of a “snapshot” program
- Site selections
- Volunteer outreach
- Community feedback
Key Partners

• Collaborative effort between Cumberland County Conservation District and ALLARM

• Local partners:
  • Conodoguinet Creek Watershed Association
  • Big Spring Watershed Association
  • Middle Spring Watershed Association
Key Funders

• Chesapeake Monitoring Cooperative
  • Integrate data of known quality collected by diverse monitoring partners to better understand the health of Bay watershed, which will help inform watershed management decisions and restoration efforts
  • 6 year initiative- US EPA and Chesapeake Bay Program

• Pennsylvania Association of Conservation Districts
  • Nonpoint Source Pollution Prevention Mini-Grant Program
Program Goals

• Gather and share data on the health of the Conodoguinet Creek and its tributaries

• Engage local community members in volunteer monitoring

• Revive/expand a network of monitors in the Conodoguinet watershed

• Non-point source pollution and watershed education

• Opportunity for further monitoring and data collection
Planning and Outreach

• Volunteer recruitment strategies
  • Flyer
  • Google form for registration
  • Facebook/social media posts and shares
  • Email blasts
  • Meetings

• Sampling kits and pick-up
Site Selection

• Conodoguinet Creek watershed geology
  • Main stem
  • Northern tributaries (shale)
  • Southern tributaries (limestone)

• Public access & private landowners
Water Quality Parameters

- Water temperature
- Conductivity
- pH
- Nitrate-nitrogen
- Orthophosphate
Monitoring Events

• 4 seasonal events
  • July 8, 2017
  • September 30, 2017
  • December 2, 2017
  • March 3, 2018

• In the field for sample collection
• At ALLARM at Dickinson College for sample analysis and educational displays/activities
Results and Conclusions

- Final Report
- Results presentations at watershed group meetings (April-May)
Feedback and Next Steps

• Positive volunteer feedback

• Snapshot Year 2!
  • June 23, 2018
  • September 29, 2018
  • December 1, 2018
  • March 2, 2019
Questions?

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