

Scientific Research

FRWA regularly conducts water quality testing on Fry's Run and its tributaries. Additionally, local and state government agencies, nonprofit organizations, and local colleges and universities have completed at least 10 conservation and water quality studies in the Fry's Run Watershed since 1979.



Fry's Run Coldwater Heritage Plan — the most recent and comprehensive study.

Fry's Run Coldwater Heritage Plan

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Prepared For:

Fry's Run Watershed Association

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The Fry's Run Coldwater Heritage Plan addresses the potential problems and resource protection and enhancement opportunities for the Fry's Run Watershed. Implementing the plan's recommendations will benefit the preservation and protection of Fry's Run and the people who rely on groundwater resources within its watershed.

Findings

While the overall water quality of Fry's Run is good, there are some concerns:

- Lack of forested buffers along the stream
- High coliform bacteria levels
- Flood damage
- Increased residential development in the eastern end of the watershed
- Agricultural and stormwater runoff

FRWA will implement the following next steps to address the recommendations in the Fry's Run Coldwater Heritage Plan:

- Develop and implement an environmental education and outreach program that will focus on supporting the proposed recommendations.
- Perform a macroinvertebrate assessment, additional coliform monitoring and continue water quality monitoring to further determine the health of Fry's Run and assess further protective measures that may be needed.
- Support land preservation efforts that protect water resources and preserve and enhance a sense of place.
- Pursue creative and innovative ways to encourage landowners to protect and restore or establish forested streamside buffers.
- Review Williams Township's current water protection ordinances for recommendations to update these regulations to ensure maximum protection of the township's water resources.
- Pursue funding to implement the proposed recommendations.