

# Abstract

Phosphorus Levels in Baird Creek

School: Preble H.S.

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Stream Monitored: Baird Creek

Student Participants: Kate Farley, Kelsey Kowaleski, Courtney Kuehn, Kevin McDonald, Anne Niver, Russell Reynolds

In an ongoing study beginning in October 2003, assessments of Baird Creek phosphorus content indicated that the phosphorus levels were significantly higher in the upstream region of the creek than in the downstream area. Repeated analysis of the water over the course of two years yielded constant results. With the data being consistent and valid, possible questions are being raised as to why the upstream region of the creek is more phosphorous-rich than the downstream region. Further in-depth analysis of the creek will potentially give conclusive data as to the source of the phosphorus - an aberration compared to other area creeks.