

Melius & Hockenberry Environmental Services, Inc.

PROJECT PROFILE: *Shade Creek Watershed Macroinvertebrate Assessment Shingle Run*

Project Summary

MHES was retained by Shade Creek Watershed Association to conduct a Rapid Bioassessment Level II on Shingle Run located in Somerset County, Pennsylvania.

The study included assessing Shingle Creek to determine the level of impairment on the stream. The methodology utilized included the EPA Rapid Bioassessment Protocol Level II. The macroinvertebrate community was evaluated in comparison to other reference streams in which the following components were evaluated as part of the study: water quality, stream & bank habitat, stream geomorphology, and riparian characteristics.



Cub Run - The first of two reference streams used in the Bioassessment of Shingle Run

Services Provided

- ◆ Reference Stream Analysis
- ◆ Shingle Run Analysis
- ◆ Impairment Determination
- ◆ Prepared a Report of Findings



View of Shingle Run in heavily forested area



Beaverdam Run - The second reference stream used in the Bioassessment of Shingle Run

The project was completed in 2002.