

Upper Tuscarawas River/Portage Lakes Proposed Format
April 20, 2006

Introduction

- Purpose
- Fundamental Water Quality Goals
- Watershed Issues Overview
- Updates and Revisions
- Watershed Groups
- Development of the Action Plan
- Education, Marketing Strategies, and Outreach Goals

Watershed Inventory

- Introduction
- Watershed Information and Map
- Physical Description
- Administrative Boundaries
- Districts
 - Park; Schools; Colleges and Universities; Sewer; Soil and Water; Resource Conservation and Development (RC&D) Program; and Muskingum Watershed Conservancy District
- Geology
 - Topography, Land Form, and Slope; Glacial History; Bedrock Geology; Mineral Resources; and Soils
- Biological Features
 - Rare, Threatened, and Endangered Plant Species; Invasive, Non-Native Species; and Wildlife
- Water Resources
 - Climate and Precipitation; Surface Water; Flow Regime; USGS Gauging Stations; Floodplain Areas; Water Quality Improvement Efforts; Storm Water; NPDES Storm Water Phase 2 Communities; Summit Flooding Task Force; Wetlands; Ground Water; Water Suppliers; and SWAP Program
- Land Use
 - Land Cover; Impervious Surfaces; Protected Lands; and Status and Trends
- Agriculture
 - Crop Type; Tillage; Rotations; Livestock Inventory; Agriculture and Economy
- Socioeconomics
 - Demographics and Economics³
- Physical Attributes
 - Riparian Corridor Study; Ohio EPA's Habitat Restorability Rating; Riparian Miles with Permanent Protection; Dams; Gradient; Channelization and Other Modifications; Eroded Banks; Floodplain Connectivity; Riparian Levees; and Entrenched Miles
- Recreation
- Cultural Resources
 - Historical Information and Historical Sites

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Water Resource Quality

- Designated Uses for Ohio Surface Water Resources
 - Aquatic Life Use Designations
 - Non-Aquatic Life Use Designation - Water Supply
 - Non-Aquatic Life Use Designation - Recreation
 - Non- Aquatic Life Use Designation - State Resource Waters
- Biological Criteria
 - IBI - Index of Biological Integrity
 - ICI - Invertebrate Community Index
 - MIwb - Modified Index of Well Being
 - Aquatic Life Use Attainment Status
- QHEI - Qualitative Habitat Evaluation Index
- Other Water Quality Studies

Water Quality Issues

- Overview of Water Quality Impairments
 - Point Source Pollution and Nonpoint Source Pollution
- Potential Contamination Sources
- General Watershed Issues

Load Reduction

Home Sewage Treatment System Plan

Subwatershed Action Plans

- Inventory
 - Physical Description
 - Land Use
 - Point Source Discharges
- Water Quality Data and Impairments
 - Ohio EPA's Water Quality Results
 - Impairments
 - Aquatic Life Use
- Recreation
- Fish Consumption
 - Ohio EPA's Causes and Sources of Impairments
 - Other Water Quality Information
- Subwatershed Issues and Actions

Water Quality Monitoring

Evaluation and Funding

Appendices