

## Table of Contents

### Acknowledgements

Executive Summary .....	<i>i</i>
1. Project Area Characteristics .....	1
1.1 Plan Purpose	
1.2 Planning Process	
1.3 Prior/Ongoing Studies & Initiatives	
1.4 Resources Summary View	
1.5 Description of the Cherry Creek Watershed	
1.6 Political Setting	
1.7 Socio-Economic Setting	
- Population	
- Industry & Employment	
1.8 Land Use & Zoning	
- Land Use	
- Zoning & Land Use Controls	
1.9 Transportation Routes	
2. Land Resources .....	23
2.1 Topography and Geology	
- Glacier Terminal Moraine Geology	
- Scenic Geologic Features	
2.2 Soil Characteristics	
- Soils Types	
- Limitations	
2.3 Protected Lands	
2.4 Landfills	
2.5 Hazard Areas	
- Waste Sites	
- Active Mines / Quarries	
- Storage Tanks	
3. Water Resources .....	43
3.1 The Cherry Creek Watershed	
- Watershed Setting	
- DWG National Recreation Area & Delaware River	
3.2 Watershed Management Units	
3.3 Estimate of Impervious Cover	
3.4 Stream Order	
3.5 Stream Designations	
3.6 Wetlands	
3.7 Floodplains	
3.8 Storm Water	

- 3.9 Water Quality & Quantity
  - Ground Water Threats
  - Surface Water Threats
    - Point Sources
    - Non Point Sources
  - Citizen Volunteer Monitoring Program
- 3.10 Water Supply
  - Private Drinking Water Systems
  - Public Drinking Water Systems
  - Well Head Protection Areas
- 4. Biological Resources .....71
  - 4.1 Sensitive Land Areas
    - Natural Areas Inventory Sites
    - Natural Treasures Registry Sites
    - The Nature Conservancy’s Conservation Plan
    - Proposed Wildlife Refuge
    - Important Bird Areas (IBA)
  - 4.2 Wildlife
    - Terrestrial Wildlife
    - Reptiles and Amphibians
    - Aquatic Wildlife
    - Avian Wildlife
  - 4.3 Pennsylvania Natural Diversity Inventory Species (PNDI)
  - 4.4 Vegetation
    - Land Cover
    - Wetland/Aquatic Community
    - Invasive Species
- 5. Cultural Resources .....87
  - 5.1 Recreation / Open Space
    - State Parks, Game Lands & Forests
    - County & Municipal Recreation Lands
    - Greenways, Trails, & Public Access Linkages
    - Private Recreation Areas
  - 5.2 Historic Resources
    - Historical Overview and Highlights
    - National Registry Sites
    - Historic Areas
    - Historic Sites and Structures
- 6. Identifying Issues & Opportunities .....103
  - 6.1 Study Advisory Committee Meetings
  - 6.2 Public Meetings
  - 6.3 Stream Walk Assessment
  - 6.4 Citizen Survey

6.5 Key Person Interviews  
6.6 Build-out Analysis

7. Action Plan .....123  
7.1 Vision Statement  
7.2 Goals  
7.3 Management Options  
7.4 Management Options Tables  
7.5 Incorporating Related Planning Efforts

8. Appendices

Appendix A – Cherry Creek Stream Analysis  
Appendix B – Benthic Macroinvertebrates of Cherry Creek, Monroe County, PA  
Appendix C – PASEC Water Monitoring Database  
Appendix D – Fishery Survey of Cherry Creek  
Appendix E – PNDI List and Key for Cherry Creek Watershed  
Appendix F – Citizen Survey and Project Fact Sheet  
Appendix G – Stream Walk Assessment Matrix  
Appendix H – Greater Cherry Valley Wildlife Refuge  
Appendix I – List of Programs and Projects for Cherry Valley Landowners  
Appendix J – Relevant Newspaper Clippings  
Appendix K – List of Key Person Interviewees  
Appendix L – Watershed Funding Sources

Tables:

- Table 3.1 – Floodplain Ordinance Provisions Matrix
- Table 6.1 – Build-out Analysis

Figures:

- Figure 1.1 – Watershed Basemap
- Figure 1.2 – Straight Line Diagram of Cherry Creek Watershed
- Figure 1.3 – General Land Use
- Figure 1.4 – Existing Zoning
- Figure 2.1 – Topography
- Figure 2.2 – Bedrock Geology
- Figure 2.3 – Septic Tank Absorption Limitations
- Figure 2.4 – Soil Suitability for Land Application of Treated Wastewater
- Figure 2.5 – Protected Lands
- Figure 3.1 – Mean Impervious Cover

Figure 3.2 – Stream Order  
Figure 3.3 – Stream Designations  
Figure 3.4 – Wetlands & Floodplains  
Figure 3.5 – Pollution Vulnerability  
Figure 4.1 – Sensitive Lands  
Figure 5.1 – Recreation/Open Space  
Figure 5.2 – Greenways and Trails - Vision Plan  
Figure 5.3 – Historic Resources  
Figure 6.1 – Special Places  
Figure 6.2a – Stream Walk Results-Point Data  
Figure 6.2b – Stream Walk Results-Linear Data