

Spruce Creek Watershed-Based Plan—Draft Outline



ACKNOWLEDGEMENTS

1. EXECUTIVE SUMMARY

- 1.1 Project Background
- 1.2 Project Goals and Objectives (*priority issues in the watershed*)
- 1.3 Description of Watershed
- 1.4 Existing Conditions
- 1.5 Threats to Water Quality (*factors that contribute to water resource degradation in the watershed*)
- 1.6 Water Quality Goals (*water quality “targets” for the watershed*)
- 1.7 Recommended Management Strategies
- 1.8 Implementation, Projected Costs and Funding

2. INTRODUCTION

- 2.1 Why is this plan needed?
- 2.2 How was the plan developed?
- 2.3 Who was involved? (*project partners, stakeholder involvement*)
- 2.4 Who should read this plan?
- 2.5 How is this plan organized? (*also required list EPA required elements*)

3. DESCRIPTION OF THE WATERSHED

- 3.1 Location (*and watershed map*)
- 3.2 Population and Demographics
- 3.3 Land Use and Land Cover (*forested areas; agricultural lands; recreation; developed areas; state, tribal, and local lands; wetlands, etc.*)

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- 3.4 Physical Features (*topography/elevation, geology & soils*)
- 3.5 Land Resources (*vegetation, wildlife, sensitive areas, open space, wetlands, etc*)
- 3.6 Water Resources (*surface and groundwater*)
- 3.7 Fish Assemblage

4. BASELINE AND FUTURE CONDITIONS ASSESSMENT

- 4.1 Applicable Water Quality Standards (*designated and desired uses; numeric and narrative criteria; antidegradation policies*)
- 4.2 Summary of Available Data (*flow data, biological data*)
- 4.3 Summary of Spruce Creek Water Quality (*impaired uses*)
- 4.4 Water Quality Goals and Objectives

5. THREATS TO WATER QUALITY

- 5.1 Nonpoint Sources (*agriculture, wildlife, septic systems, urban/suburban runoff, streambank erosion, etc.*)
- 5.2 Point Sources (*NPDES Permits, Phase I and II stormwater permits, CAFO Permit, etc.*)
- 5.3 Other Potential Pollution Sources

6. LINKING POLLUTANT SOURCES TO WATER QUALITY

- 6.1 Estimation of Pollutant Loads
- 6.2 Identification of Critical Areas

7. WATERSHED GOALS AND OBJECTIVES

- 7.1 Management Objectives
- 7.2 Load Reduction Targets

8. MANAGEMENT STRATEGIES

- 8.1 Existing Management Strategies
- 8.2 Additional Strategies Needed to Achieve Goals
- 8.3 Load Reduction Estimates

9. PLAN IMPLEMENTATION

- 9.1 Plan Oversight
- 9.2 Action Plan (*schedule for implementation*)
- 9.3 Indicators to Measure Progress (*interim measurable milestones for determining whether management measures are being implemented*)
- 9.4 Estimated Costs and Technical Assistance Needed
- 9.5 Educational Component
- 9.6 Monitoring Plan
- 9.7 Evaluation Plan (*set of criteria to determine whether load reductions are being achieved over time*)

APPENDICES

- A. Glossary of Terms
- B. Watershed Maps
- C. Estimated Cost of Implementing the Management Plan
- D. Regulations