



WATER QUALITY SCENARIO

TABLE OF CONTENTS

INTRODUCTION

- Acknowledgments
- Hydroville Curriculum Overview
- Scope and Sequence
- Hydroville Journal
- Teamwork Skills
- Career Information

CURRICULUM

Background Activities and Team Meetings

1. Welcome to Hydroville
2. Topographic Maps and Models
Environmental Solutions Team Meeting #1 – *Site Investigator*
3. Source to Sink
4. What's in Your Drinking Water?
5. Reading Water Quality Reports
Environmental Solutions Team Meeting #2 – *Drinking Water Specialist*
6. Solution Concentrations
7. Sampling and Monitoring
Environmental Solutions Team Meeting #3 – *Environmental Chemist*
8. Groundwater Basics
9. How Contaminants Move in Groundwater
Environmental Solutions Team Meeting #4 – *Hydrogeologist*
10. Water Treatment Solutions for Homes
11. Remediation Technologies for Contaminated Sites
Environmental Solutions Team Meeting #5 – *Environmental Engineer*

Solution Presentation

APPENDICES

- A. Materials List
- B. Glossary
- C. Scoring Guides
- D. National Education Standards