Outline for AMBIENT Water Module

I. Teacher's Resources
   a. Teacher's Guide to Water Quality
   b. How to Use This Module
   c. Glossary/Bibliography

II. Water Scenario: Environmental Consulting Firm Assignment
   a. Video
   b. Scenario Introduction

III. Environmental Water Quality Risk Survey: Micro- to Macro-
   a. Microbe and Human Health Word Search
   b. Microbe Crossword Puzzle

IV. Sewage Matrix and Field Experience

V. Bacteria/Water Labs
   a. Viewing Bacteria
   b. Create a Microbe
   c. Classify the Microbes
   d. Bacterial Growth
   e. Bacterial Movement through Water

VI. Mapping Lab for Water Contamination

VII. Beach Clean-up Field Trip

VIII. Creative Reading/Thinking
   a. “Key West Sewage Repairs to Cost $30 Million”
   b. “The Straight Poop”
   c. “From the Ground Up”

IX. Creative Writing
   a. “Last of the Falling Tide”

X. Role Play/Debate: Stakeholders
   a. Recreational Water Contamination and Beach Closure