



# HYDROVILLE CURRICULUM PROJECT

ENVIRONMENTAL HEALTH SCIENCES CENTER  
MARINE AND FRESHWATER BIOMEDICAL SCIENCES CENTER

## WATER QUALITY - SUMMER INSTITUTE 2005

### Training Agenda

#### DAY 1: Monday, August 8 (LaSells Center - LSC First Interstate)

9:00-9:30 a.m. Registration and Continental Breakfast at the LaSells Stewart Center (LSC)  
(see driving directions)

*NAOMI*

9:30 a.m. Welcome to the Summer Institute

*MOLLY*

- ◆ Introductions: *Joe Beckman, Nancy Kerkvliet*
- ◆ Training Objectives and Agenda
- ◆ Workshop Essentials

10:00 a.m. Hydroville Curriculum Project Overview

*MOLLY*

- ◆ Hydroville Project Overview
- ◆ WQ Scope and Sequence
- ◆ Curriculum Framework

10:30 a.m. *BREAK*

10:45 a.m. Background Activity 1: Welcome to Hydroville

*MOLLY*

- ◆ Hydroville Science Journals
- ◆ Problem Definition: Water Quality Video
- ◆ Career Information
- ◆ Teamwork Skills

*NAOMI*

11:45 a.m. - *LUNCH* - Market Place West  
12:45 p.m. Calabaloo's Gourmet Burgers and Clubhouse Deli

1:00 p.m. Welcome to Hydroville (continued)

*NAOMI*

- ◆ Teambuilding Activity: Toxic Popcorn

1:30 p.m.

*MOLLY*

Background Activity 2: Understanding Contour Maps

2:30 p.m.

*MOLLY*

Environmental Solutions Team Meeting #1

3:00 p.m.

*BREAK*

3:15 p.m.

*SUE*

- ◆ Environmental Health Science Topics & Oregon Standards
- ◆ Integration Review BA 1 & BA 2

4:15 p.m.

Wrap Up - Complete Daily Evaluation for Day 1

4:30 p.m.

*Workshop Ends*

6:00 p.m.

*SUE/NAOMI*

*DINNER* - Riverview Mongolian Grill, 230 NW 1<sup>st</sup> Street  
Within walking distance of the Holiday Inn Express, across from the  
Willamette River.

## Training Agenda - continued

### DAY 2: Tuesday, August 9 (LaSells Center-LSC First Interstate)

- 7:45 a.m. Continental Breakfast at the LaSells Stewart Center (LSC)
- 8:00 a.m. Daily Update  
*SUE*
- ◆ Review Previous Day and Today's Agenda
  - ◆ Questions and Comments
- 8:15 a.m. Background Activity 3: Groundwater Models  
*SUE*  
*Todd Jarvis, Hydrogeologist, PhD Candidate*
- 9:00 a.m. Background Activity 4: Measuring Groundwater Elevation  
*SUE*
- 10:00 a.m. *BREAK - GROUP PHOTO - EMILY*
- 10:30 a.m. Environmental Solutions Team Meeting #2  
*SUE*
- 11:15 a.m. Integration Review BA 3 & BA4  
*SUE*
- 11:45 a.m. - 12:45 p.m. *LUNCH - Market Place West*  
*Ring of Fire and Clubhouse Deli*
- 1:00 p.m. Background Activity 5: Name that Water Quality Hazard  
*NAOMI*
- 1:45 p.m. Background Activity 6: Water Quality Drinking Water Reports  
*NAOMI*  
*Mark Taratoot, Corvallis Public Works*
- 2:45 p.m. *BREAK*
- 3:00 p.m. Environmental Solutions Team Meeting #3  
*MOLLY*
- 3:45 p.m. Integration Review BA 5 & BA 6  
*MOLLY*
- 4:15 p.m. Wrap Up - Complete Daily Evaluation for Day 2  
*MOLLY*
- 4:30 p.m. *Workshop Ends*
- 5:30 p.m. *DINNER - On Your Own* (\$15.00 reimbursement for dinner)  
See *Dinner Schedule* for a list of restaurants in the Corvallis area



***Location CHANGE for Wednesday!!!***  
***MEET in ALS, rooms 1019A & 1019B***  
See Map of OSU Campus in your folder

## Training Agenda - continued

### DAY 3: Wednesday, August 10 (ALS 1019 A/B)

- 7:45 a.m. Continental Breakfast in Agriculture/Life Sciences Building in Conference Rooms 1019 A & B (See *OSU Visitor Information & Self-guided tour map* of OSU Campus for directions and parking)
- 8:00 a.m. Daily Update  
*MOLLY*
  - ◆ Review Previous Day and Today's Agenda
  - ◆ Questions and Comments
- 8:15 a.m. Background Activity 7: Like Dissolves Like (ALS 012)  
*MOLLY*  
*Carl Isaacson, Analytical Chemistry, Graduate Student*
- 9:00 a.m. Background Activity 8: Now Analyze This!  
*MOLLY*
- 10:00 a.m. *BREAK*
- 10:15 a.m. Tour of Jennifer Field's Analytical Lab (Teams 1 - 3 & switch)
- 10:45 a.m. Extensions Demonstration (Teams 4 - 6 & switch)  
*MOLLY* Flame Test Demonstration  
*SUE* Paper Chromatography Demonstration
- 11:15 a.m. Environmental Solutions Team Meeting #4  
*MOLLY*
- 11:45 a.m. Integration Review BA 7 & BA 8  
*MOLLY*
- 12:15 -1:00 p.m. *LUNCH* - Market Place West  
Calabaloo's Gourmet Burgers and Clubhouse Deli
- 1:00 p.m. Toxic Popcorn Contest - outside of ALS  
*NAOMI*
- 1:30 p.m. Teachers Meet Researchers  
*SUE*
- 2:15 p.m. Wrap Up - Complete Daily Evaluation for Day 3  
*SUE*  
*TRAVEL - NAOMI IS IN CHARGE OF HANDING OUT DIRECTIONS*
- 2:45 - 4:30 p.m. TOUR: Taylor Water Treatment Plant  
SE Clearwater Drive  
*NAOMI*
- 5:30 p.m. *DINNER* - Nancy Kerkvliet's House  
4364 NE Honeysuckle Drive  
757-9500  
*NAOMI,*  
*SUE, NANCY* B.Y.O.B.  
See directions and map to Nancy's house in your folder

## Training Agenda - continued

### DAY 4: Thursday, August 11 (LaSells Center-LSC First Interstate)

- 7:45 a.m. Continental Breakfast at the LaSells Stewart Center (LSC)
- 8:00 a.m. Daily Update  
*MOLLY* ♦ Review Previous Day and Today's Agenda  
♦ Questions and Comments
- 8:15 a.m. Background Activity 9: Remedial Technologies  
*MOLLY* *Cindy Dahl, Environmental Engineer*
- 9:15 a.m. Background Activity 10: Remedial Options for Hydroville  
*MOLLY*
- 10:00 a.m. *BREAK*
- 10:15 a.m. Environmental Solutions Team Meeting #5  
*MOLLY*
- 11:00 a.m. Presentation Preparation  
*SUE* Student Presentations & Assessment
- 11:45 a.m. *LUNCH* - Bag Lunch @ LaSells
- 12:45 p.m. Breakout Sessions:  
*SUE* ♦ Language Arts - Janet Nelson/Sue Helback (First Interstate)  
*MOLLY* ♦ Social Studies - Melissa Harder/Molly Bloomfield (Weyerhaeuser)  
♦ Science and Math - Choose Language Arts or Social Studies session
- 1:45 p.m. Integration - Revisited  
*SUE*
- 2:15 p.m. *BREAK*
- 2:30 p.m. Panel Discussion on Implementation (veteran teachers)  
*SUE* *Kaye Martin, Janet Nelson (Young Parent Program - alternative ed)*  
*Tom Batsell, Jeff Lockhart (Westview High School - science class)*
- 3:15 p.m. Pilot School Teacher Roles & Responsibilities  
*SUE* ♦ Set one-day training dates prior to implementation
- 4:00 p.m. Wrap Up  
*SUE* ♦ Complete Daily Evaluation for Day 4 and Final Evaluation  
♦ Farewells  
*NAOMI* ♦ Check-out: hand in evaluations, pick up CPDU certificates, register for graduate credit for workshop (optional), sign reimbursement forms
- 4:30 p.m. *Workshop Ends*