



HYDROVILLE CURRICULUM PROJECT
ENVIRONMENTAL HEALTH SCIENCES CENTER
WATER QUALITY - SUMMER INSTITUTE 2007

Day 1 - Water Quality Agenda

Wednesday, June 20 (0006 Ag/Life Sciences Building)

8:00 - 8:30 a.m. Registration and Continental Breakfast (ALS basement lobby)

- 8:30 a.m.
- ◆ Welcome to the EHS Center Summer Institute
Dr. Joseph Beckman, EHS Center Director
 - ◆ What is Environmental Health?
Sandra Uesugi, EHS Center Outreach Program Coordinator
 - ◆ Workshop Objectives, Agenda, and Essentials
 - ◆ Participant Introductions

- 9:30 a.m. Hydroville Curriculum Project Overview
Molly Bloomfield, Hydroville Project Director
- ◆ Scope and Sequence
 - ◆ Curricula Framework

9:45 a.m. *BREAK*

- 10:00 a.m. Background Activity 1: *Welcome to Hydroville*
- ◆ Day 1: Hydroville Journals
 - ◆ Day 2: Teamwork Skills: Paper Towers
Naomi Hirsch, EHS Center Outreach Program Coordinator

- 10:30 a.m.
- ◆ Day 3: Problem Definition: Water Quality Video
 - ◆ Day 4: Career Information

11:30 - 12:30 *LUNCH* - Market Place West

- 12:30 p.m. Background Activity 2: *Topographic Maps and Models*
Sue Helback, Hydroville Project Coordinator

2:00 p.m. *BREAK*

2:15 p.m. Environmental Solutions Team Meeting #1

4:00 p.m. Wrap Up - Complete Daily Evaluation for Day 1

6:00 p.m. *DINNER at Riverview Mongolian Grill, 230 NW 1st Street*
Within walking distance of Holiday Inn Express; across from the Willamette River.

Day 2 - Water Quality Agenda

Thursday, June 21 (0006 Ag/Life Sciences Building)

- 7:45 a.m. Continental Breakfast
- 8:00 a.m. Daily Update
- ◆ Review Previous Day and Today's Agenda
 - ◆ Questions and Comments
- 8:15 a.m. **Background Activity 3: *Source to Sink***
Mark Taratoot, *Water Resources Specialist, City of Corvallis Public Works Department*
- 8:45 a.m. **Background Activity 4: *What's in Your Drinking Water?***
- 9:30 a.m. *BREAK*
- 9:45 a.m. **Background Activity 5: *Reading Water Quality Reports***
- 10:30 a.m. **Environmental Solutions Team Meeting #2 (Drinking Water Specialists)**
- 11:30 - 12:30 *LUNCH* - Market Place West
- 12:30 p.m. **Background Activity 6: *Groundwater Models***
Todd Jarvis, Senior Researcher, Assistant Professor, Institute for Water & Watersheds
- 1:15 p.m. **Background Activity 7: *Mapping Groundwater Flow***
- 2:15 p.m. *BREAK*
- 2:30 p.m. **Environmental Solutions Team Meeting #3 (Hydrogeologists)**
- 3:30 p.m. Toxic Popcorn Contest - outside of ALS
- 4:00 p.m. Wrap Up - Complete Daily Evaluation for Day 2
- 4:30 - 6:00 p.m. **OPTIONAL** - Focus Group Discussions -1019 ALS
(Hearty refreshments provided; receive \$40 gift certificate)
- DINNER** - On Your Own
See *Dinner Schedule* for a list of restaurants in the Corvallis area

Day 3 - Water Quality Agenda

Friday, June 22 (0006 Ag/Life Sciences Building)

- 7:45 a.m. Continental Breakfast
- 8:00 a.m. Daily Update
 - ◆ Review Previous Day and Today's Agenda
 - ◆ Questions and Comments
- 8:15 a.m. Background Activity 8: *Solution Concentrations*
- 9:15 a.m. Background Activity 9: *Sampling and Monitoring*
- 10:15 a.m. *BREAK*
- 10:30 a.m. Environmental Solutions Team Meeting #4 (Environmental Chemists)
- 11:30-12:15 *BAG LUNCH at ALS*
- 12:15 p.m. Panel Discussion on Implementation (pilot school teachers)
Kaye Martin, *Gateways Learning Center*
Lisa Trottier, *South Umpqua High School and Biology I students:*
Chelsea Whitworth & Hailey Pitts
- 1:00 p.m. Background Activity 10: *Water Treatment Solutions for Homes*
- 2:00 p.m. *BREAK*
- 2:15 p.m. Background Activity 11: *Remediation Technologies for Contaminated Sites*
- 3:00 p.m. Environmental Solutions Team Meeting #5 (Environmental Engineers)
- 3:45 p.m. Solution Presentation
- 4:00 p.m. Wrap Up - Complete Final Evaluation

Check-out: hand in evaluations, pick up CPDU certificates, register for graduate credit for workshop (optional), sign reimbursement forms