

# 13th Annual Summer Water School

Sponsored by the Montana Environmental Training Center & the Department of Environmental Quality  
**HELENA COLLEGE OF TECHNOLOGY** (1115 N. Roberts St.), May 20 - 22, 2009

## Wednesday, May 20, 2009

7:30 AM	<b>REGISTRATION</b> <i>Near Student Center</i>		
Location	<b>STUDENT CENTER</b>		
8:30 AM	<b>Welcome and Introductions of METC and DEQ Personnel</b> <i>Wayne Urbonas, DEQ, Bill Bahr DEQ, and Barb Coffman, METC</i>		
8:45 AM	<b>Take the Guessing Out of Your Emergencies -</b> <b>Is this event an emergency? What is first? Who do I call? How do I get help?</b> <i>Dusti Lowndes, DEQ &amp; Dave Maser, Montana Disaster and Emergency Services</i>		
9:45 AM	<b>Utilities Helping Utilities: Montana Water/Wastewater Agency Response Network (WARN)</b> <i>Dusti Lowndes, DEQ &amp; Sandy Kust, MAP</i>		
10:30 AM	<b>BREAK</b>		
10:45 AM	<b>Operator Education - A College Degree in Water Quality? Where Can You Go? What Can You Do?</b> <i>Barb Coffman, METC</i>		
11:15 AM	<b>Alternative Training Opportunities - CDs, Internet Training, Correspondence Courses, &amp; More</b> <i>Barb Coffman, METC</i>		
12:00 AM	<b>LUNCH (on your own)</b>		
Location	<b>GROUNDWATER - Room 202</b>	<b>SURFACE WATER - Room 204</b>	<b>WASTEWATER - Room 207</b>
1:00 PM	<b>Montana Hydrology &amp; Source Water Assessments</b> <i>J. Herrick &amp; J. Stimson, DEQ</i>	<b>Surface Water Treatment Rule Update</b> <i>John Weikel, DEQ</i>	<b>Montana TMDL Program</b> <i>Pete Schade, DEQ</i>
2:00 PM	<b>DEQ Approval Process for New PWS Wells</b> <i>Eric Regensburger, DEQ</i>	<b>Surface Water Treatment Monitoring Form Changes</b> <i>John Weikel, DEQ</i>	<b>Wastewater Lab Analysis</b> <i>John Hager, Energy Lab</i>
3:00 PM	<b>BREAK</b>		
3:15 PM	<b>Water Rights - Process Overview</b> <i>Kim Overcast &amp; Millie Heffner, DNRC</i>	<b>Preparing for a Sanitary Survey Inspection</b> <i>Luella Schultz, DEQ</i>	<b>Microscope Analysis of Wastewater</b> <i>Bahr &amp; Coffman</i>
4:15 PM	<b>Microscopic Particulate Analysis of Groundwater</b> <i>Jake Kandalin, DEQ</i>	<b>Public Water Supply Rules Update</b> <i>Autumn Coleman, DEQ</i>	<b>Control Your Wastewater Treatment Plant</b> <i>Bill Bahr, DEQ</i>
5:00 PM	<b>ADJOURN</b>		

DEQ Exam prep sessions in rooms 112 and 114, 8:30 a.m. - 5 p.m.

# 13th Annual Summer Water School

Thursday, May 21, 2009

Location	<b>SURFACE WATER &amp; GROUNDWATER</b> Room 202	<b>DISTRIBUTION &amp; COLLECTION</b> Room 204	<b>WASTEWATER</b> Room 207
8:00 AM	<b>TCR, Public Notice &amp; Sampling Requirements</b> <i>Sienna Paquin, DEQ</i>	<b>Leak Detection and Locating Lines</b> <i>Don Van Veldenhuizen, USA Bluebook</i>	<b>Lagoon &amp; Mechanical Wastewater Treatment Plant Design &amp; Operation</b> <i>Mike Abrahamson, DEQ</i>
9:00 AM	<b>Developing a Capital Improvements Plan</b> <i>Sandy Kust, MAP</i>		<b>Land Application Systems for Wastewater Treatment Plant Effluent - Design, Operation &amp; Monitoring</b> <i>Terry Campbell, DEQ</i>
10:00 AM	<b>BREAK</b>		
10:15 AM	<b>Tour - Helena Water Treatment Plant</b> <i>Jason Fladland, City of Helena</i>	<b>Main Line Flushing</b> <i>Don Van Veldenhuizen, USA Bluebook</i>	<b>Tour - Helena Wastewater Treatment Plant</b> <i>Mark Fitzwater, City of Helena</i>
11:00 AM			
12:00 PM	<b>LUNCH (on your own)</b>		
Location	<b>SURFACE WATER &amp; GROUNDWATER</b> Room 202	<b>DISTRIBUTION &amp; COLLECTION</b> Room 204	<b>WASTEWATER</b> Room 207
1:00 PM	<b>Chlorination - Disinfection Byproducts &amp; Stage 2</b> <i>John Jose, DEQ</i>	<b>Trenching &amp; Shoring</b> <i>Kirk Smith, MT Occupational Safety &amp; Health Training Institute</i>	<b>Lift Stations</b> <i>Bill Bahr, DEQ</i>
2:00 PM		<b>Confined Space Safety</b> <i>Sandra Mihalik, MT Occupational Safety &amp; Health Training Institute</i>	<b>Wastewater Disinfection Systems: Chlorine &amp; UV</b> <i>Bill Bahr, DEQ</i>
3:00 PM	<b>BREAK</b>		
3:15 PM	<b>Groundwater Rule &amp; Your System</b> <i>Donna Jensen, Cadmus Group</i> <i>Betsy Hovda, DEQ</i>	<b>Fall Protection</b> <i>Sandra Mihalik, MT Occupational Safety &amp; Health Training Institute</i>	<b>Nutrient Removal and Monitoring</b> <i>Don Van Veldenhuizen, USA Bluebook</i>
4:15 PM		<b>Lock-out / Tag-out</b> <i>Kirk Smith, MT Occupational Safety &amp; Health Training Institute</i>	
5:00 PM	<b>ADJOURN</b>		

DEQ Exam prep sessions in rooms 112, 114 and 123, 8 a.m. to 5 p.m.

# 13th Annual Summer Water School

Friday, May 22, 2009

Location

*Student Center*

## JOINT WATER AND WASTEWATER

8:00 AM

### **System Sustainability through Capacity Development**

*Dustin White, Midwest Assistance Program*

9:00 AM

### **DEQ Engineering Review**

*Patrick Johnson, DEQ*

10:15 AM

**BREAK**

10:30 AM

### **Public Communication**

*Dustin White, Midwest Assistance Program*

11:30 AM

### **Wrap-Up Adjourn**

*Wayne Urbonas, DEQ, Bill Bahr, DEQ and Barb Coffman, METC*

Examinations will be given on Friday Morning, **May 22, 2009**

Registration at 7:30 a.m. with Exams from 8:00 - 12:00 p.m.

**NOTE CHANGE: Exam Location: Helena College of Technology, 1115 N. Roberts St., Rooms 2 and 3**

**METC Thanks You for Attending the 13th Annual Summer School and Your Support!!**

**Please Travel Safely!!!**