

17th Annual Spring Water School

Sponsored by the Montana Environmental Training Center & the Department of Environmental Quality

HILTON GARDEN INN

March 11 - 13, 2009

Wednesday, March 11, 2009

7:30 AM	REGISTRATION <i>Foyer West</i>		
Location	<i>Glacier I</i>		
8:00 AM	Welcome and Introductions of METC and DEQ Personnel		
	<i>Greg Butts, DEQ, Bill Bahr DEQ, and Barb Coffman, METC</i>		
8:30 AM	Take the Guessing Out of Your Emergencies - Is this event an emergency? What is first? Who do I call? How do I get help? <i>Dusti Lowndes, DEQ & Dave Maser, Montana Disaster and Emergency Services</i>		
9:45 AM	Utilities Helping Utilities: Montana Water/Wastewater Agency Response Network (WARN) <i>MT WARN Leadership</i>		
10:30 AM	BREAK		
10:45 AM	Physical Security Guidelines for Water/Wastewater/Stormwater Utilities <i>Dusti Lowndes, DEQ</i>		
12:00 AM	LUNCH (on your own)		
Location	GROUNDWATER - Glacier I	GW & SW - Glacier II	WASTEWATER - Glacier III
1:00 PM	Water Rights - Process Overview <i>Marc Pitman, DNRC</i>	PWS Rules Update - Lead & Copper Rule Revisions <i>Greg Butts, DEQ</i>	Montana TMDL Program <i>Dean Yashan, DEQ</i>
2:00 PM	DEQ Approval Process for New PWS Wells <i>Emily Gillespie, DEQ</i>		Permit Compliance <i>DEQ Staff, TBA</i>
	BREAK - 2:30 - 2:45PM	BREAK - 3:00 - 3:15 PM	BREAK - 3:00 - 3:15 PM
2:45 PM	Regional Hydrogeology & Drilling Techniques in Problem Areas <i>Jeffrey Herrick, DEQ</i>	Preparing for a Sanitary Survey Inspection <i>Mike Kropp, DEQ</i>	Wastewater Lab Analysis <i>ME Lab Staff, TBA</i>
4:30 PM	Question & Answers/Open Forum Drillers, Water Operators, DEQ & DNRC Staff		Control Your Wastewater Treatment Plant <i>Bill Bahr, DEQ</i>
5:00 PM	ADJOURN		

MRWS & DEQ Exam prep sessions in the Logan and Swan rooms 1 - 5 p.m.

17th Annual Spring Water School

Thursday, March 12, 2009

Location	SURFACE WATER <i>Glacier I</i>	GROUNDWATER <i>Glacier II</i>	WASTEWATER <i>Glacier III</i>
8:00 AM	Surface Water Rule Update <i>John Weikel, DEQ</i>	Groundwater Rule <i>Donna Jensen, The Cadmus Group</i>	Lagoon & Mechanical Wastewater Treatment Plant Design & Operation <i>Terry Campbell, DEQ</i>
9:00 AM	SWTR Monitoring Form Changes <i>John Weikel, DEQ</i>		Land Application Systems for Wastewater Treatment Plant Effluent - Design, Operation & Monitoring <i>Terry Campbell, DEQ</i>
10:00 AM	BREAK		
10:15 AM	Membrane Filtration Basics <i>Nate Weisenburger, AE2S</i>	Groundwater Rule <i>Donna Jensen, The Cadmus Group</i>	Advanced Wastewater Treatment Concepts - Meeting Tomorrow's Water Quality Standards <i>Bill Bahr, DEQ</i>
	Membrane Filtration Advanced Training <i>Nate Weisenburger, AE2S</i>		
12:00 PM	LUNCH		
Location	SURFACE WATER <i>Glacier I</i>	GROUNDWATER <i>Glacier II</i>	WASTEWATER <i>Glacier III</i>
1:00 PM	OPEN	Chlorination - Disinfection <i>John Weikel, DEQ</i>	Troubleshoot Your Wastewater Treatment Plant - Loads vs. Design (Bring your plans and data) <i>Bill Bahr, DEQ</i>
1:45 PM		Chlorine Reporting Forms <i>John Weikel, DEQ</i>	Improve WWTP Performance - Microscopes, D.O. pH and other tools (Bring samples) <i>Bill Bahr, DEQ & Barb Coffman, METC</i>
3:00 PM	BREAK		
Location	SURFACE WATER <i>Glacier I</i>	GROUNDWATER <i>Glacier II</i>	OFF-SITE Tour
3:15 PM	OPEN	Groundwater Rule Open Discussion <i>Betsy Hovda, DEQ and staff</i>	Kalispell Advanced Wastewater Treatment Plant Tour <i>Joanne Emrick, City of Kalispell</i>
4:00 PM			
5:00 PM	ADJOURN		

MRWS and DEQ Exam prep sessions in the Logan and Swan rooms 8 a.m. to 5 p.m.

17th Annual Spring Water School

Friday, March 13, 2009

Location

Glacier I

JOINT WATER AND WASTEWATER

8:00 AM

System Sustainability through Capacity Development

Dustin White, Midwest Assistance Program

How does DEQ Engineering Review Section view Capacity Development

Emily Gillespie, DEQ

10:15 AM

BREAK

10:30 AM

Public Communication

Dustin White, Midwest Assistance Program

11:30 AM

Wrap-Up Adjourn

Greg Butts, DEQ, Bill Bahr, DEQ and Barb Coffman, METC

MRWS and DEQ Exam prep sessions in the Logan, Swan and Glacier III rooms from 8 a.m. to Noon.

Examinations will be given on Friday Afternoon, **March 13, 2009**

Registration at 1:00 p.m. with Exams from 1:30 - 5:30 p.m.

Exam Location: Kalispell Wastewater Treatment Plant

METC Thanks You for Attending the 17th Annual Spring School and Your Support!!

Please Travel Safely!!!