

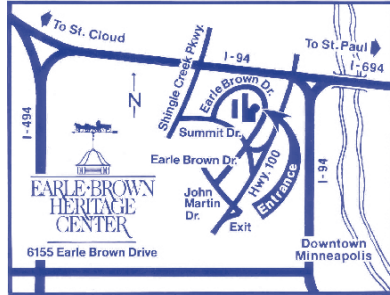
**LOCATION**

**Earle Brown Heritage Center**  
 6155 Earle Brown Drive  
 Brooklyn Center, MN 55430  
 763-569-6320  
 www.earlebrowncenter.com

For directions, please visit the website listed above.

**ACCESSIBILITY**

MN-CSWEA and A&WMA-UMS are committed to the policy that all individuals have equal access to their programs, facilities, and employment opportunities without regard to race, creed, color, sex, national origin, or disability. If you have special health, dietary, or mobility requests, please attach a note to your registration form.



**CEUs**

This conference is worth five professional development and/or operator certification hours (0.5 continuing education units). Certificates of completion will be available at the end of the conference.

Hotels within close proximity include:

- Country Inn & Suites**  
1-800-456-4000  
763-561-0900
- AmericInn**  
1-800-634-3444  
763-566-7500
- Crowne Plaza Minneapolis North**  
763-566-8000
- Days Inn Minneapolis**  
763-561-8400  
1-800-329-7466
- Baymont Inn & Suites**  
763-561-8400  
1-800-329-7466

**SCHEDULE 26th Annual Conference on the Environment - Wednesday, November 9, 2010**

Time	Events and Speakers		
6:00-7:30 a.m.	Vendor Display Booth Set Up (Entry Foyer)		
7:30-10:15 a.m.	Registration and Continental Breakfast (Entry Foyer)		
8:00-8:45 a.m.	CSWEA & A&WMA Business Meeting - Tack Rooms		
9:00-9:10 a.m.	Welcome: Ted Field, CSWEA and Greg Archer, A&WMA - Carriage Hall A		
9:15-10:00 a.m.	Keynote Speaker- Dick Hemmingsen, Director UM IREE -Carriage Hall A		
10:00-10:30 a.m.	Break - Exhibits & Student Posters		
	Carriage Hall B Session 1	Tack Room A Session 2	Tack Room B Session 3
	<b>ENERGY/RESOURCE RECOVERY</b> Moderator: <i>Jason Benson</i>	<b>SUCCESSFULLY MANAGING THE STAKEHOLDER PROCESS</b> Moderator: <i>Mike Hansel</i>	<b>EMERGING WASTEWATER ISSUE: WILD RICE &amp; SULFATE</b> Moderator: <i>John Friel</i>
10:30-11:00 a.m.	<i>Beacon Bluff Storm Water Management Program--Jeffrey Shopek, Loucks Associates</i>	<i>Retrospective: Evolution of Stakeholder Participation--Brian Stenquist, DNR</i>	<i>MN Chamber Perspective on Sulfate Regulations and Review--Mike Robertson, MN Chamber of Commerce</i>
11:00-11:30 a.m.	<i>Conversion of Anaerobic Digestion Biogas to Usable Energy--Caroline Clement, Western Lake Superior Sanitary District</i>	<i>NAAQS Stakeholder Process--Bill Droessler, EI</i>	<i>Wild Rice &amp; Sulfate Regulation Background and Current Research--Shannon Lotthammer, MPCA</i>
11:30 a.m.-12:00 p.m.	<i>St. Anthony Water Re-Use System--Kevin Newman, WSB</i>	<i>EAW, EIS and Environmental Review: What Triggers?--Jess Richards, MPCA</i>	<i>Sulfate Removal Processes for Mining-Impacted Waters--How Low Can You Go?--Lisa Andrews, Barr</i>
12:00-1:20 p.m.	Lunch--Carriage Hall A Break - Exhibits & Student Posters		
12:30 - 1:20 p.m.	Lunch Speaker (Carriage Hall A) - Brad Moore, Executive VP, PolyMet Mining Corp. Vendor Display Booths Open (Entry Foyer)		
	Carriage Hall B Session 4	Tack Room A Session 5	Tack Room B Session 6
	<b>STUDENT ENVIRONMENTAL CHALLENGE</b> Moderator: <i>Ted Field</i>	<b>WASTEWATER AND BIOSOLIDS - ISSUES AND CHALLENGES</b> Moderator: <i>Kevin Newman</i>	<b>MPCA REGULATORY UPDATE</b> Moderator: <i>Beth Freymiller</i>
1:30 - 2:00 p.m.	<i>Presentations--Student Finalists</i>	<i>Temperature Phased Anaerobic Digestion (TPAD) Process Optimization--Kathy Hamel, WLSSD</i>	<i>Compare and Contrast MPCA Efforts in Expediting Permits--Jeff Smith, MPCA</i>
2:00 - 2:30 p.m.		<i>Total Maximum Day Loading (TMDL) Modeling--Tom Gallagher, HDR</i>	<i>MPCA Perspectives--Catherine Neuschler and Anne Jackson, MPCA</i>
2:30 - 3:00 p.m.		<i>Management Challenges Caused by Unique Biosolids Characteristics in BNR Treatment Plants--Lloyd Winchell and Mike Macaulay, Brown &amp; Caldwell</i>	
3:00 - 3:15 p.m.	Vendor Display Booths Open (Carriage Hall A Entry)		
	Carriage Hall B Session 7	Tack Room A Session 8	Tack Room B Session 9
	<b>NUTRIENT COMPLIANCE - POLICIES AND PRACTICES</b> Moderator: <i>Mark Stone</i>	<b>AIR COMPLIANCE &amp; ENERGY EFFICIENCY</b> Moderator: <i>Mark Manninen</i>	<b>NATIONAL AIR QUALITY STANDARDS (NAAQS)</b> Moderator: <i>Clay Raasch</i>
3:15 - 3:45 p.m.	<i>MPCA Nutrient Policy--Dennis Wasley, MPCA</i>	<i>GHG and Energy Efficiency: EDA's New Regulatory Initiative-- Joel Trinkle, Barr Engineering</i>	<i>1-Hour SO2 NAAQS Modeling (New Source Review, Designation, and Infrastructure SIP Issues)--Jeff Bennett, Barr</i>
3:45 - 4:15 p.m.	<i>MN Environmental Science and Economic Review Board (MESERB) Nutrient Policy Review White Paper--David Lane, MESERB President, and Tracy Ekola</i>	<i>Energy Assessments and Efficiency Efforts --Deb Kieper, 3M</i>	<i>PM2.5 Increment Modeling Illustrations--Jared Andersen, Wenck Associates</i>
4:15 - 4:45 p.m.	<i>Case Study--Nitrogen Issues With Subsurface Treatment Systems--Brian Malm, Bolton &amp; Menk</i>	<i>CIP Utility Perspective--Commercial and Industrial Rebates--Jacob Selseth, Great River Energy</i>	<i>Changes in Dispersion Modeling Policies and Tools: Case Study With 1-Hour Standards--Tony Colombari, Trinity Consultants</i>
4:45-5:00 p.m.	<b>Student Awards - Carriage Hall B</b>		

Posters - Several University of Minnesota graduate students will present posters of their research at the conference.

Make check or money order payable to MN-CSWEA and mail to: Debbie Howard-Ryburn, AE2S, 6901 E Fish Lake Road, Suite 184 Maple Grove, MN 55369

**Registration** You may also register online at <http://www.cswea.org/minnesota/events/>

Check here if new address  Check here to be omitted from printed conference-attendee list

First name \_\_\_\_\_ M.I. \_\_\_\_\_ Last name \_\_\_\_\_

Name as you would like it to appear on conference badge \_\_\_\_\_

Title \_\_\_\_\_ Affiliation/company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State or province \_\_\_\_\_ Postal code \_\_\_\_\_

Phone number \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Advance Registration--postmarked before November 1

Member \$90  Nonmember \$110  Student \$20

I am a member of:

MN-CSWEA  Both  A&WMA-UMS  Neither

Registration postmarked after November 1, or on site

Member \$100  Nonmember \$120  Student \$25

I am a speaker  I am a student  I am an exhibitor

**Accommodations:** Attendees are responsible for their own accommodations. **Refunds:** Refunds will be issued if written requests are received at least 48 hours in advance of the conference. We will attempt to notify advance registrants if the conference or an event is cancelled. In case of cancellation, neither MN-CSWEA or A&WMA-UMS is liable for any registrant expenses other than registration fees.

## CONFERENCE ORGANIZERS

### Central States Water Environment Association

CSWEA's mission is to provide a Water Environment Federation (WEF) organization in Illinois, Minnesota, and Wisconsin that offers multiple opportunities for the exchange of water quality knowledge and experiences among its members and the public and fosters a greater awareness of water quality achievements and challenges. Visit the organization's website at [www.cswea.org](http://www.cswea.org). The Minnesota section of CSWEA is co-hosting this conference.

### Air & Waste Management Association

A&WMA is a nonprofit, nonpartisan professional organization with more than 8,000 members in 65 countries. A&WMA assists in the professional development and critical environmental decision-making of its members by providing a neutral forum for technology exchange, networking opportunities, public education, and outreach. The Upper Midwest Section is co-hosting this conference; the section's website is [www.awma-ums.org](http://www.awma-ums.org).

#### Early Sponsors of the Conference include:

Brown and Caldwell  
CH2M Hill  
AE2S  
Larkin Hoffman Daly & Lundgren Ltd.  
Great River Energy  
3M  
Xcel Energy  
CDM

#### Early Exhibitors at the Conference include:

Barr Engineering  
Trinity Consultants  
Howard R. Green Company  
Vessco, Inc.  
Heritage Environmental Services  
Pace Analytical Services  
ERA Laboratories, Inc.  
Wenck Associates, Inc.  
Conestoga-Rovers & Assoc.

If you are interested in sponsoring or exhibiting at the conference, please contact Kristie Bulthuis at 715-386-7204 or [kbcandyiv@baldwin-telcom.net](mailto:kbcandyiv@baldwin-telcom.net)

*Managing in a Time of Regulatory Uncertainty*

**Environment**

the

on

**Conference**

*26th Annual*

Crystal Lake, Illinois 60012  
3809 Shenandoah Drive

Central States Water Environment Association, Inc.

**26th Annual**

# Conference on the Environment

*Managing in a Time of Regulatory Uncertainty*



Central States Water  
Environment Association  
Minnesota Section



Air & Waste Management  
Association  
Upper Midwest Section

**November 9, 2011**

**Brooklyn Center, MN**