

## LOCATION

### Earle Brown Heritage Center

6155 Earle Brown Drive  
Brooklyn Center, MN 55430  
763-569-6320

www.earlebrown.com

For directions, please visit the website listed above.

### Hotels within close proximity include:

#### Embassy Suites Brooklyn Center

763-560-2700

#### Country Inn & Suites

1-800-456-4000  
763-561-0900

#### AmericInn

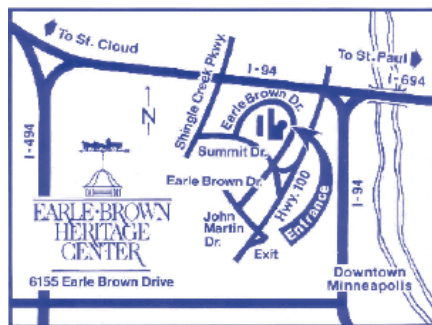
1-800-634-3444  
763-566-7500

#### Baymont Inn & Suites

763-561-8400  
1-800-329-7466

#### Crowne Plaza

Minneapolis North  
763-566-8000



## 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.

## 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.

## SCHEDULE 24<sup>th</sup> Annual Conference on the Environment - Thursday, November 12, 2009

Time	Events and Speakers		
7:30-10:15 a.m.	Registration and Continental Breakfast		
8:00-8:45 a.m.	CSWEA Business Meetings, Tack A A&WMA Business Meeting, Tack B		
9:00-9:10 a.m.	Welcome: <b>Doug Henrichsen, HDR (CSWEA); Clay Raasch, Trinity Consultants (A&amp;WMA)</b> - Carriage Hall A		
9:10-10:00 a.m.	Keynote Address: "Minnesota Legislative Updates" - <b>Senator Ellen Anderson, Minnesota Senate</b>		
10:00-10:30 a.m.	Break—Exhibit booths open in Carriage Hall A		
	Carriage Hall B Session 1	Tack A Session 2	Tack B Session 3
	<b>CARBON TECHNOLOGY/POLICY</b> Moderator: <b>Greg Archer, Great River Energy</b>	<b>WATER REGULATORY UPDATE</b> Moderator: <b>Jason Benson, AE2S / Mike Hansel, Barr</b>	<b>WASTEWATER - LIQUIDS</b> Moderator: <b>John Graupman, Bolton &amp; Menk</b>
10:30-11:00 a.m.	"Carbon Legislation and the Clean Air Act: What's Next?" - <b>Ann Seha, Dorsey &amp; Whitney LLP</b>	"Nondegradation Rulemaking Update" - <b>William Cole, MPCA</b>	"Recovery of Nutrients at the Empire WWTP using Ostara's PEARL Process" - <b>Chris Howorth, Ostara</b>
11:00-11:30 a.m.	"Biomass Feedstock and the Mcgyan Lipid Conversion to Biodiesel" - <b>Dr. Clayton McNeff, Evercat Fuels</b>	"Monitoring of Pharmaceuticals and Endocrine Disrupting Compounds in Surface Water" - <b>Mark Ferrey, MPCA</b>	"Case Study: Clinton Emergency Bar Screen Replacement Project" - <b>Mathew Wildman, Howard R. Green Co.</b>
11:30 a.m.–12:00 p.m.	"Carbon Neutral Generation" - <b>Bob Sandberg, Great River Energy</b>	"What's on the Horizon for Nitrogen Limits" - <b>Phil Monson, MPCA</b>	CSWEA Industrial Environmental Achievement Award Winner Presentation - <b>To Be Determined</b>
12:00-1:30 p.m.	Lunch—Carriage Hall A		
12:30-1:20 p.m.	Lunch Speaker: "Challenges & Opportunities for a Sustainable Future" - <b>Jonathan Foley, Director of Institute on Environment, University of Minnesota</b> <b>Vendor Display Booths Open</b>		
	Carriage Hall B Session 4	Tack A Session 5	Tack B Session 6
	<b>ENVIRONMENTAL CHALLENGE</b> Moderator: <b>Chandler Taylor, Barr / Paul Gerbec, 3M</b>	<b>PERMIT RISK MANAGEMENT</b> Moderator: <b>Carolyn Wacker, 3M</b>	<b>WASTEWATER - SOLIDS</b> Moderator: <b>John Glatzmaier, CH2M HILL</b>
1:30-2:00 p.m.	Presentations: Student Finalists	"PM2.5 Then and Now" - <b>Kathryn Anderson, Wenck Associates</b>	"Waste Solids Reduction Technologies: Current Developments and Future Trends" - <b>John Borghesi, CH2M HILL</b>
2:00-2:30 p.m.		"Ready, Aim, Defend: Preparing for an Air Enforcement Action" - <b>Thaddeus Lightfoot, Environmental Law Group</b>	"Moorhead Solids Treatment Upgrade: Thickening and Anaerobic Digestion Process Improvements" - <b>Doug Youngblood, CDM</b>
2:30-3:00 p.m.		"Continuous Compliance, Revisited: Living without the MACT SSM Exemption" - <b>Carolyn Wacker, 3M</b>	"The Effect of Enhanced Anaerobic Digestion on the Removal of Estrogenicity Compounds" - <b>Patrick McNamara, U of M Graduate Student</b>
3:00-3:15 p.m.	Break - Exhibit Booths Open		
	Carriage Hall B Session 7	Tack A Session 8	Tack B Session 9
	<b>ENERGY</b> Moderator: <b>Mark Manninen, 3M</b>	<b>AIR REGULATORY UPDATE</b> Moderator: <b>Clay Raasch, Trinity Consultants</b>	<b>STORMWATER AND CONVEYANCE</b> Moderator: <b>Mark Stone, Howard R. Green Co.</b>
3:15-3:45 p.m.	3:15-3:35 p.m. "Energy Garden Approach to Integrated Management of Organic Wastes" - <b>Jim Postiglione, Howard R. Green Co.</b>	"MPCA Air Regulatory Updates" - <b>Anne Jackson &amp; Catherine Neuschler, MPCA</b> (1 hour extended session)	"Innovative Stormwater Management at Empire WWTP" - <b>Karen Jensen, MCES</b>
	3:35-3:55 p.m. "Identifying Hidden Energy Losses in Industrial Manufacturing Facilities" - <b>Steven Schultz, 3M</b>		"SWMMing Through the Data: Using Dynamic Software Models to Evaluate Sanitary Systems" - <b>Jonathan Kusa, Howard R. Green Co.</b>
3:45-4:15 p.m.	3:55-4:15 p.m. "25X2025 Energy Usage Reduction Plan for the School District & Village of Osceola" - <b>Timm Johnson, Osceola 25 by 2025 Projects</b>		
4:15-4:30 p.m.	Student Awards		

Advance Registration—postmarked before November 1  
[ ] Member \$90 [ ] Nonmember \$110 [ ] Student \$25

Registration postmarked after November 1, or on site  
[ ] Member \$100 [ ] Nonmember \$120 [ ] Student \$25

**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 \_\_\_\_\_

**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.

Make check or money order payable to MN-CSWEA and mail to:  
Carie Christiansen, City of Mankato, P.O. Box 3368 Mankato, MN 56002-3368

I am a member of:  
[ ] MN-CSWEA [ ] A&WMA-UMS [ ] Both [ ] Neither  
[ ] I am a speaker [ ] I am a student [ ] I am an exhibitor

## 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:

Black & Veatch  
CH2M HILL  
Engineering America, Inc,  
HDR

#### Early Exhibitors and Sponsors at the Conference include:

Barr Engineering  
Braun Pump and Controls Inc.  
Brown and Caldwell  
CDM  
Engineered Sales Co.  
Howard R. Green Co.  
Pace Analytical Services  
Trinity Consultants  
Wenck Associates, Inc.

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

*Environmental Progress in a Changing World*

## Conference on the Environment

*24<sup>th</sup> Annual*

Central States Water Environment Association, Inc.  
3809 Shenandoah Drive  
Crystal Lake, Illinois 60012

24<sup>th</sup> Annual

# Conference on the

# Environment

*Environmental Progress in a Changing World*



Central States Water  
Environment Association  
Minnesota Section



Air & Waste Management  
Association  
Upper Midwest Section

November 12, 2009

Brooklyn Center, MN