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53rd Annual Great Plains Waste Management Conference

April 1st 2009

SWANA Solid Waste
Facility Tours

Industrial and Hazardous Waste Conference

Ice Breaker

April 2nd 2009

Water Environment Conference

Solid Waste Management Conference

Embassy Suites-LaVista

12520 Westport Parkway
LaVista, NE 68128

www.embassysuitesomahalavista.com

Sponsored by:

Nebraska Water Environment Association
Nebraska Cornhusker Chapter, SWANA

Iowa Water Pollution Control Association
Iowa Society of Solid Waste Operations Chapter, SWANA
South Dakota Solid Waste Management Association
Kansas Sunflower Chapter, SWANA
University of Nebraska College of Engineering

Conference Icebreaker

Refreshments and Networking
All Registrants Welcome!

Wednesday, April 1, 5-7 p.m.

Embassy Suites – LaVista, Nebraska

Wednesday April 1, 2009

SWANA Facility Tours

Tours are available on a first registered, first served basis

7:30 a.m. ~ Registration, Embassy Suites

7:45 a.m. to 8:00 a.m. ~ Board Bus, Leave Embassy Suites promptly at 8:00 a.m.

8:45 a.m. to 9:45 a.m. ~ Wilkinson Industries, Inc.
Blair, Nebraska, Manufacturer of “Compostable” plastic containers utilizing polymer pellets from NatureWorks, LLC.

10:00 a.m. to 12:00 p.m. ~ NatureWorks, LLC., Blair, NE – Manufacturer of polymer pellets used to make “Compostable” plastic containers.

12:15 p.m. to 1:00 p.m. ~ Lunch (Provided),
Fernando’s Café and Cantina, Blair, NE

1:15 p.m. to 2:00 p.m. ~ City of Blair Recycling Center, Blair, NE – This recycling facility processes over 700 tons per year of paper, cardboard, aluminum cans, and plastics.

2:45 p.m. to 4:00 p.m. ~ Carl T. Curtis Midwest Regional Headquarters of the National Parks Service, Omaha, NE – LEED Gold Certified building constructed in 2007 on a perceived Brownfield site within the City of Omaha’s Downtown Riverfront Redevelopment Corridor. Facility features include

4:30 p.m. to 5:00 p.m. ~ Return to Embassy Suites

5:00 p.m. to 7:00 p.m. ~ Icebreaker, Embassy Suites

Wednesday April 1, 2009

Industrial and Hazardous Waste Conference

*Presiding: Mike Behrens, Nebraska Department of
Environmental Quality*

1:00 p.m. ~ Registration

1:15 p.m. ~ Static Granular Bed Reactor (SGBR) Anaerobic Treatment for High Strength Wastewater, Keith Hobson, Fox Engineering

1:45 p.m. ~ Value of an O&M Manual, Steve Dravland, John Morrell & Company

2:15 p.m. ~ Anoxic Systems – Operational Trouble Shooting and Costs, Kim Dirks, Tyson Foods

3:00 p.m. ~ Break

3:15 p.m. ~ Flow Equalization and pH Adjustment of Process Wastewater from Fluid Milk Plant, Will Lambert, WLA

3:45 p.m. ~ Is it Time for a New Definition of Solid Waste?, Deb McGuire, NDEQ

4:15 p.m. ~ Building Information Modeling (BIM), John Bowen, HDR

5:00 p.m. to 7:00 p.m. ~ Icebreaker, Embassy Suites

Thursday April 2, 2009

Track 1:

Water Environment Conference

Track 1 - Morning Session

*Presiding: Paul Nolan, Past-President Iowa Water
Pollution Control Association*

7:30 a.m. ~ Registration

8:30 a.m. ~ Placement of Flow Meters in Difficult Locations, Lucas Gillen, GBA; Rick Dey, Teledyne ISCO

9:00 a.m. ~ Innovative Odor/Corrosion Control, Mike Trotter, McClure Engineering

9:30 a.m. ~ Capacity, Management Operation and Maintenance of Collection Systems: Experiences in Kansas City, Missouri, Mike Lorenzo, HDR

10:00 a.m. ~ Break

10:15 a.m. ~ The Occurrence of Illicit and Therapeutic Pharmaceuticals in Wastewater Effluent and Surface Waters in Nebraska, Shannon Bartlett-Hunt, University of Nebraska-Omaha

10:45 a.m. ~ Got Gas? Make the Most of It! Scott Carr, CDM

11:15 a.m. ~ Biological Treatment of Perchlorate and Nitrate Contaminated Drinking Water, Xu Li, University of Nebraska-Lincoln

11:45 a.m. ~ Lunch (Provided): (Lunch Speaker): Cedar Rapids Flood Recovery, Pat Ball, City of Cedar Rapids

(Track 1 continued on other side)

Nebraska Water Environment Association

8404 Indian Hills Drive

Omaha, NE 68114

Great Plains Chair: Scott Aurit

Track 1 - Afternoon Session
Presiding: Brian Bakke President Nebraska Water Environment Association

- 1:00 p.m. ~ Solids Processing Technologies**, Jim Condon, OA
- 1:30 p.m. ~ Wastewater Treatment Plant Upgrade using Membrane Bioreactor Technology**, Steve Troyer, Fox Engineering
- 2:00 p.m. ~ Ashland WWTP Startup**, Shayne Huxoll, OA
- 2:30 p.m. ~ Addressing Ammonia Removal in Sioux City, Iowa**, Laura Meyers and Janet Stickland, CDM
- 3:00 p.m. ~ Break**
- 3:15 p.m. ~ Program Cost/Schedule Risk Analysis**, Mike Butterfield, HDR
- 3:45 p.m. ~ Large Diameter Storm Water Tunneling – Alleviating Residential Flooding and Providing Multiple Community Benefits**, James McKelvey, Black & Veatch
- 4:15 p.m. ~ Omaha CSO Deep Tunnel Borings**, Steve Hunt, CH2M Hill

Thursday, April 2, 2009

**Track 2:
Solid Waste Management Conference**

Track 2 - Morning Session 1
Presiding: John Hartwell, President Nebraska Cornhusker Chapter of SWANA

- 7:30 a.m. ~ Registration**
- 8:15 a.m. ~ Welcome: Program Chairman, Nebraska Cornhusker Chapter of SWANA**, Gary Kuhn, Nebraska Cornhusker Chapter of SWANA
- 8:30 a.m. ~ Recycling : “Putting the Cart Before the Horse”**, Chuck Thomerson, City of Columbus, NE
- 9:00 a.m. ~ Recycle Bank Nebraska: Turning Recyclables into Rewards**, Brian Gubbles, Firststar Fiber
- 9:30 a.m. ~ E-Waste: Collection and Responsible Recycling**, Ryan McClure, GRX
- 10:00 a.m. ~ Break – Review University Poster Display**

Track 2 - Morning Session 2

Presiding: Hal Morton, President Iowa Society of Solid Waste Operations Chapter, SWANA

- 10:15 a.m. ~ Carbon Credits: Benefits of Voluntary Landfill Gas Recovery**, Mark Mickelson, Mickelson & Company LLC
- 10:45 a.m. ~ EPA Landfill Methane Outreach Program**, Lori Hamburg, SCS
- 11:15 a.m. ~ Landfill Gas: Economic Resource for Rural Communities**, Cynthia Mitchell, Midwest Assistance Program
- 11:45 a.m. ~ Lunch (Provided): (Lunch Speaker): Cedar Rapids Flood Recovery**, Pat Ball, City of Cedar Rapids

Track 2 - Afternoon Session 1

Presiding: Valerie Keller, South Dakota Solid Waste Management Association

- 1:00 p.m. ~ Low Flow Groundwater Sampling Technologies**, Bill Reetz, A Better Earth LLC
- 1:30 p.m. ~ Leachate Collection Systems**, Dan Fedor, EPG Companies
- 2:00 p.m. ~ Perimeter Gas Probe Monitoring Guidance**, William Gidley, NDEQ
- 2:30 p.m. ~ Landfill Gas to Energy: POET Ethanol Pipeline Project**, Dave McElroy, City of Sioux Falls
- 3:00 p.m. ~ Break – Review University Poster Display**

Track 2 - Afternoon Session 2

Presiding: Michael Kukuk, President Kansas Sunflower Chapter of SWANA

- 3:15 p.m. ~ Impact of FDA New Cattle Rendering Rule on Landfills**, To Be Determined
- 3:45 p.m. ~ Nebraska Waste Characterization Study**, Jack Chapelle, Engineering Solutions and Design, Inc.
- 4:15 p.m. ~ SWANA Cash Drawing - \$100**, Must be present to win

IMPORTANT CONFERENCE INFORMATION

Payment/Checks

Make all Checks Payable to: Nebraska Water Environment Association. Refunds will not be given for those who pre-register and do not attend.

Sponsor Contribution

If you or your company wishes to help defray the cost of the Icebreaker send \$50 (payable to NWEA) to:

Kathleen Alexander
HDR Engineering, Inc.
8404 Indian Hills Dr., Omaha, NE 68114

Sponsor's names will be listed on a poster at the Icebreaker and Conference Registration Table.

Hotel Accommodations

Embassy Suites – Conference Hotel
12520 Westport Pkwy
LaVista, NE 68128
402-331-7400
Conference Group Rate: \$139 Single and Double Rate,

Hampton Inn & Suites
12331 Southport Pkwy
LaVista, NE 68128
402-895-2900
Conference Group Rate: \$89 for Two Queen Beds, Until

University Poster Session

University of Nebraska students will be displaying research posters on Thursday. All conference registrants are encouraged to review the current research.

NWEA Scholarships

NWEA endows a fund offering a minimum of \$2,000 per year in scholarships for full time university students and/or for continuing education of members. Donations to the fund are greatly appreciated.

Continuing Education*

Wastewater:
*Wed. Conference – 2.75 hrs.
*NE Municipal Wastewater Operators: Thurs. – 6.5 hrs.
Solid Waste: SWANA CEU Credits Available
*CEU Credits identified are preliminary estimates

Questions

Contact Conference Chair, Scott Aurit at 402-926-7082 or scott.aurit@hdrinc.com.

**53rd Annual
Great Plains
Waste Management
Conference**

PRE-REGISTRATION FORM

RETURN BY MARCH 27, 2009 TO:

Kathleen Alexander
HDR Engineering, Inc.
8404 Indian Hills Drive
Omaha, NE 68114

Name: _____

Organization: _____

Address: _____

Phone: _____

Check One Affiliation Box:

- Affiliation: Water Environment Industry
 Solid Waste Industry

Check All Boxes that Apply

Wednesday, April 1, 2009

SWANA Solid Waste Facility Tours \$60.00
(Onsite \$65.00)

Industrial and Hazardous Waste Conference \$30.00
(Onsite \$35.00)

Thursday, April 2, 2009

Water Environment or Solid Waste Management Conference
(Onsite \$80.00) \$65.00

NWEA Scholarship Fund \$ _____

Total Enclosed: \$ _____

Checks Payable to NWEA