

Non-Profit Org.
U.S. Postage
PAID
Omaha, NE
Permit No. 1055

61st Annual Great Plains Waste Management Conference

April 18, 2017

SWANA Facility Tours
NWEA Young Professionals MRWWTP Tour
NWEA Industrial Waste/Innovative Technology Conference
NWEA Storm Water/Water Quality Conference
Icebreaker

April 19, 2017

NWEA Collection Systems Conference
APWA Spring Conference
SWANA Solid Waste Management Conference

Embassy Suites – La Vista

12520 Westport Parkway
La Vista, NE 68128
www.embassysuitesomahalavista.com

Sponsored by

NWEA Water Environment Association
Nebraska Cornhusker Chapter SWANA
Nebraska Chapter APWA

Iowa Water Environment Association
University of Nebraska College of Engineering

Conference Icebreaker

Refreshments and Networking
All Registrants Welcome!
Tuesday, April 18th, 5 – 7 p.m.
Embassy Suites – Windsor IV – La Vista, NE

Tuesday, April 18, 2017

SWANA Facility Tours

Tours are an additional fee and available on a first registered, first served basis. Lunch will be provided.

Closed toe shoes are required for admission to all facilities

- 7:30 a.m. Registration at Embassy Suites
7:45 a.m. Board Bus; Leave Embassy Suites promptly at 8:00 a.m. Tour includes the following (and more):
- Novozymes; Blair, NE
 - Sarpy County Landfill; Springfield, NE
 - Waste Connections Transfer Station; Springfield, NE
 - Trillium/STRK CNG Fueling Station; Council Bluffs, IA
- 5:00 p.m. Return to Embassy Suites

Track 1: NWEA Young Professionals

- 7:15 a.m. Registration Opens
8:00 a.m. Missouri River WWTP Tour

Track 2: NWEA Storm Water/Water Quality Location: Dapper I/II

- 10:00 a.m. Field Monitoring Programs to Better Understand Green Infrastructure; Andy Szatko, City of Omaha and Mitch Klein, P.E., Burns & McDonnell
- 10:30 a.m. Use of Emerging Genotyping Tools for Source Identification of Fecal Indicator Bacteria in Rural and Urban Watersheds; Dr. Xu Li, UNL
- 11:00 a.m. Flood Resiliency at the Cedar Rapids Water Pollution Control Facility; Michael Butterfield, HDR
- 11:45 a.m. Lunch Break (Not Provided)
- 1:00 p.m. Monitoring Stream Changes for Impacts from Combined Sewers in the Missouri River near Omaha, Nebraska; Matt Moser, USGS and Pat Nelson, CH2M
- 1:30 p.m. Integrating Gray and Green Infrastructure to Provide Multiple Benefits for the Outfall 66/67 Project, Kansas City, MO; Brian Clow, P.E., BCEE, Carollo Engineers
- 2:00 p.m. Break

Track 3: NWEA Industrial Waste/Innovative Technology Location: Dapper I/II

- 2:15 p.m. Wastewater Pretreatment at a Pizza Topping Manufacturing Plant; Greg Sindt, Bolten & Menk and James Stevens, Burke Corporation
- 2:45 p.m. Cargill Malt; Darren Jack, HDR
- 3:15 p.m. Post Aerobic Digestion Process: A Simple but Comprehensive Biosolids Management Process; Bryen Woo, Ovivo
- 3:40 p.m. Ostara Nutrient Recovery Technology Solves Phosphorous Management Challenges; Jon Harger, Vessco
- 4:05 p.m. Non-Contact UV Disinfection; A Comparison and Review of the Technology and Applications for Small WWTP Use; Steve Squires, Enaqua
- 4:30 p.m. A Progressive and Unique Biological System to Save Footprint and Enhance Treatment; Susan Pilgrim, Parkson Industrial

5:00 p.m. ICEDBREAKER SOCIAL, Windsor IV

Wednesday, April 19, 2017

Track 4: NWEA Collection Systems Conference

Location: Dapper I/II

7:15 a.m. Registration Opens

Collection Systems

- 8:00 a.m. System-Wide Collection Model Provides Adaptive Management Tool for Decision Makers and Operators; Emily Holtzclaw; Nick Sutkol; Perrin Niemann, CH2M and Jim Theiler, City of Omaha
- 8:30 a.m. Implementation of Improvements to the Turkey Creek Wastewater Pump Station; Suzie Carpenter, CDM Smith and Bon Marie Gardner, KCMO
- 9:15 a.m. Grand Island's Water Resource and Recovery Facility and Collection System Ten Year Capital Improvement Plan; Marvin Strong and Tara Bevard, City of Grand Island
- 9:45 a.m. Lift Station Measurement and Control; Brian Gongol, DJ Gongol & Associates
- 10:15 a.m. Break – University Poster Presentations

Regulatory

- 10:30 a.m. 4 – State Update; Gary Brandt, KMA
- 11:00 a.m. Industrial Storm Water General Permit and How it Applies to POTWs; Reuel Anderson, NDEQ
- 11:30 a.m. NDEQ Update; TBD
- 12:00 p.m. Lunch (Provided), Speaker TBD
Windsor I-IV

Wastewater Treatment Facilities

- 1:15 p.m. WAS Thickening Alternatives Evaluation – Lincoln Theresa Street WRRF; Jeremy Walker, P.E., Olsson Associates
- 1:45 p.m. Sampling and Modeling to Define Design Criteria for Des Moines Metro WRA Grit Removal Facilities; Robbie Baker, P.E., Fox Engineering
- 2:15 p.m. Planning for Nutrient Removal – Six at a Time; Jeff Keller, Burns & McDonnell
- 3:00 p.m. Break – University Poster Presentations

CSO/Other

- 3:15 p.m. Burlington, IA – MASL Basin Combined Sewer Separation; Matt Wildman, HR Green
- 3:45 p.m. Water is Worth it; Dave Dechant, P.E., HDR
- 4:30 p.m. KCMO – Reducing CSOs Through In-Line Storage Organization; Charlie Sievert, Black & Veatch
- 5:00 p.m. Adjourn

Nebraska Water Environment Association
8404 Indian Hills Drive
Omaha, NE 68114
Great Plains Chair: Amit Shrivastava

Wednesday, April 19, 2017

Track 5: SWANA <i>Location: Dapper III</i>	
7:15 a.m.	Registration Opens
8:00 a.m.	The New SWANA – What’s New, What’s Next; David Biderman, SWANA
8:40 a.m.	NDEQ and Growing Nebraska – Outcomes for the Future; Jim Macy, NDEQ
9:15 a.m.	Safety – How to Reduce Accidents and Injuries; David Biderman, SWANA
10:15 a.m.	Break – University Poster Presentations
10:30 a.m.	LB 1101 – Solid Waste Management Study Update; David Haldeman, NDEQ
11:00 a.m.	Regulatory Updates for Municipal Solid Waste Landfills; Chris Schwarz and Carrie Wiese, NDEQ
11:30 a.m.	Solid Waste Regulatory Q&A; Erik Waiss, NDEQ
12:00 p.m.	Lunch (Provided), Speaker TBD <i>Windsor I-IV</i>
1:15 p.m.	Preventing, Identifying, and Mitigating Landfill Fires and Elevated Temperature Landfills; James Walsch, P.E., BCEE, SCS Engineers
2:00 p.m.	The Challenges of Storm Water Control at Landfills; Doug DeCesare, HDR
2:30 p.m.	Unique Groundwater Remediation Controls for Unlined Landfill Cells; Michael Classen, P.E., HDR
3:00 p.m.	Break – University Poster Presentations
3:15 p.m.	Vertical Expansion Case Study; Anthony Gill, L.P., Gill, Inc. and Joel Stenberg, P.E., SCS Engineers
3:45 p.m.	Driving Omaha Natural; Kyle Bowman, Metropolitan Utilities District
4:15 p.m.	Problem Material Management; Dale Gubbels, First Star Recycling
4:45 p.m.	SWANA Cash Drawing \$100 - Must be present to win
5:00 p.m.	Adjourn

Wednesday, April 19, 2017

Track 6: APWA <i>Location: Gatsby</i>	
7:15 a.m.	Registration Opens
8:00 a.m.	Planning for the Future: Alternative Water Supplies; Jake White, Burns & McDonnell
8:30 a.m.	Papillion Creek Hydrology; Mike Sotak and Bob Gregalunas, FYRA
9:15 a.m.	An Overview of Trenchless Methods and Recent Advances for Gravity Sewer Installation; Robert Martin, CH2M
9:45 a.m.	Waverly Nitrate Study; Rick Wilson, JEO
10:15 a.m.	Break – University Poster Presentations
10:30 a.m.	Omaha Snow Removal Plan; Austin Rowser, City of Omaha
11:00 a.m.	Airport Whitetopping; Diane Hofer, Olsson Associates
11:30 a.m.	Diverging Diamont Interchange in Lincoln; Mike Piernicky, Olsson Associates
12:00 p.m.	Lunch (Provided), Speaker TBD <i>Windsor I-IV</i>
1:15 p.m.	Maximize Your Infrastructure with In Place Recycling; Stephen Cross, Oklahoma State/ARRA
1:45 p.m.	Planning for Automated Vehicles in Omaha-Council Bluffs; Greg Youell, MAPA and Jason Carbee, HDR
2:15 p.m.	Nebraska City Whitetopping Project; Jeff Sockel and Tim O’Bryan, Benesch
3:00 p.m.	Break – University Poster Presentations
3:15 p.m.	Blair Water Study; Chris Koenig, HDR and Al Schoemaker, City of Blair
3:45 p.m.	Pavement Condition Evaluation and Pavement Management; Jerod Goss, Snyder
4:30 p.m.	Blair Water Source Study; Rick Besancon, Burns & McDonnell and Al Schoemaker, City of Blair
5:00 p.m.	Adjourn

IMPORTANT CONFERENCE INFORMATION

Payment/Checks

Make all checks payable to the Nebraska Water Environment Association (NWEA). 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, for sponsorship opportunities, please contact:
*Scott Bundy
 HDR Engineering, Inc.
 8404 Indian Hills Drive
 Omaha, NE 68114
 scott.bundy@hdrinc.com*

Hotel Accommodations

Embassy Suites – Conference Hotel (includes breakfast)
 12520 Westport Parkway
 La Vista, NE 68128
 402-331-7400 or 1-800-EMBASSY
 Group Code “NWEA”
 Reserve by 3/25/17 – Conference Group Rate: \$129

Courtyard by Marriott

12560 Westport Parkway
 La Vista, NE 68128
 402-339-4900
 Group Code “NWEA”
 Reserve by 3/25/17 – Conference Group Rate: \$109

University Poster Session

University of Nebraska students will be displaying research posters on Wednesday.

NWEA Scholarship

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 are greatly appreciated.

Continuing Education*

Wastewater Operator:

- *NE Municipal Wastewater Operators: Wed. – 7 hrs.
- *Tue. Conference – 2 hrs.

Solid Waste: SWANA Credits

- *Wed. Conference – 7 CEUs
- *Tue. Facility Tours – 4 CEUs

***CEU Credits identified are preliminary estimates**

Questions

Contact Conference Chair Amit Shrivastava at 402-926-7122 or amit.shrivastava@hdrinc.com

PRE-REGISTRATION FORM

Register online with credit card payment at
WWW.NEBWEA.ORG

RETURN COMPLETED FORM BY APRIL 12, 2017 TO:

Scott Bundy
 HDR Engineering, Inc.
 8404 Indian Hills Drive
 Omaha, NE 68114

Name: _____

Organization: _____

Address: _____

Phone: _____

Email: _____

Check ONE Affiliation Box:

- Nebraska Water Environment Association
- Solid Waste Industry
- APWA

TUESDAY & WEDNESDAY CONFERENCE FEES

Check ALL That Apply:

- ALL TRACKS (1-6) \$100.00**
 Both Days; NWEA, SWANA, & APWA(Onsite \$110.00)
 (Does **NOT** include SWANA Facility Tours)
- ADDER - SWANA Tour..... \$60.00**
 Tuesday SWANA Facility Tours(Onsite \$75.00)
- NWEA Young Professionals MRWWTP Tour***
 Select if you are interested in attending the NWEA YP Missouri River WWTP tour on Tuesday the 18th 8 – 10 a.m.
 * **If you plan to attend the NWEA YP MRWWTP Tour, will you require transportation?** YES NO

NWEA Scholarship Fund \$ _____

Total Enclosed \$ _____

Checks Payable to NWEA