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Nebraska Water Environment Association
Scott Bundy
1917 S. 67th St.
Omaha, NE 68106

64th Annual
**Great Plains
Waste Management Conference**
April 15-16, 2020

APRIL 15, 2020

SWANA Facility Tours: *See Schedule*
NWEA Storm Water / Water Quality: *Dapper II-III*
NWEA Industrial Waste / Innovative Technology: *Dapper II-III*
NWEA Young Professionals / Students: *Dapper II-III*
Icebreaker Social / YP Bags Tournament: *Windsor I-IV*

APRIL 16, 2020

NWEA Collection Systems Conference: *Dapper II-III*
SWANA Solid Waste Management Conference: *Dapper I*
APWA Nebraska Chapter Spring Conference: *Gatsby*

EMBASSY SUITES BY HILTON - LA VISTA

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

SPONSORED BY

Nebraska Water Environment Association
Nebraska Cornhusker Chapter SWANA
Nebraska Chapter APWA

ICEBREAKER SOCIAL

Wednesday, April 15, 5:00–7:00 p.m.
Embassy Suites by Hilton – Omaha / La Vista: Windsor I-IV
ALL REGISTRANTS WELCOME!
Refreshments, Appetizers and Networking
NEW THIS YEAR: Bags Tournament to Benefit Water for People
Hosted by NWEA / NSAWWA YP Committees

CONFERENCE MOBILE APP



Scan the QR code with your smart device to receive location, schedule, maps, and much more!
Download the Yapp app on your device.
Once installed: Tap “+” at the top right.
Enter Yapp ID: NWEAGP2020 and tap “Add”.

WEDNESDAY, APRIL 15

7:15 a.m.	REGISTRATION OPENS
	SWANA FACILITY TOURS Tours are an additional fee and available on a first registered, first served basis. Lunch will be provided. NOTE: Closed toe shoes, long pants, long sleeved shirt, and hard hat are REQUIRED for admission to all facilities.
7:45 a.m.	Board Bus: Leave Embassy Suites by Hilton promptly at 8:00 a.m. Tour includes the following (other tour stops may be added): • NatureWorks; Blair, NE • CLAAS; Omaha, NE • Council Bluffs Recycling; Council Bluffs, IA • FirstStar Recycling; Omaha, NE
5:00 p.m.	Return to Embassy Suites by Hilton
Track 1	NWEA STORM WATER / WATER QUALITY <i>Location: Dapper II-III</i>
8:00 a.m.	CLOMRs, LOMRs, and No-Rises - Floodplain Management 101; Sarah Espinosa, Burns & McDonnell
8:30 a.m.	Dealing with Mother Nature's Attitude Problem; Brian Gongol, DJ Gongol & Associates
9:15 a.m.	Fighting a Rising Tide, or a New Approach for Flood Resiliency; Adam Rupe, JEO
10:00 a.m.	BREAK - UNIVERSITY POSTER PRESENTATIONS
10:15 a.m.	Nebraska's Water Sustainability Fund - What's Getting Funding and Why; Karen Griffin, Olsson & Karen Amen, Nebraska Natural Resources Commission
11:00 a.m.	Dundee Elementary School Green Infrastructure and Outdoor Classroom; Rick Besancon, Burns & McDonnell
11:30 a.m.	LUNCH (NOT PROVIDED)
Track 2	NWEA INDUSTRIAL WASTE / INNOVATIVE TECHNOLOGY <i>Location: Dapper II-III</i>
1:15 p.m.	Air and Odor Modeling: Four (4) Distinct Case Studies; Jason Gilbert, HDR
1:45 p.m.	ZeeLung: Innovative and Sustainable Nutrient Removal; Ana Calderon, SUEZ WTS
2:15 p.m.	PSRP Process Provides Multiple Options for Long Term, Sustainable Biosolids Management; Rick Treleven, BCR Solids Solutions
2:45 p.m.	ANITA Mox Deammonification for Centrate / Filtrate from Anaerobic Digesters; Larry Li, Veolia Water Technologies
3:15 p.m.	BREAK - UNIVERSITY POSTER PRESENTATIONS
Track 3	NWEA YOUNG PROFESSIONALS / STUDENTS <i>Location: Dapper II-III</i>
3:30 p.m.	Metagenomics-Based Interpretation of AHLs-Mediated Quorum Sensing in Anammox Biofilm Reactors for Low-Strength Wastewater Treatment; Dr. Yuepeng Sun, UNL - Civil & Environmental Engineering
3:50 p.m.	Environmental Sustainability of Small Community Wastewater Treatment Infrastructure: Case Studies in Nebraska; Matthew Thompson, UNL - Civil & Environmental Engineering
4:10 p.m.	Mitigation Strategies for Antimicrobial Resistance in Animal Manure Management Systems; Noelle Atieno Mware, UNL - Civil & Environmental Engineering
4:30 p.m.	"Speed Networking"; NWEA / AWWA Mentoring Committee
5:00 p.m.	ICEBREAKER SOCIAL / YP BAGS TOURNAMENT <i>Location: Windsor I-IV</i>

THURSDAY, APRIL 16

Track 4	NWEA COLLECTION SYSTEMS CONFERENCE <i>Location: Dapper II-III</i>
7:15 a.m.	REGISTRATION OPENS
	COLLECTION SYSTEMS
8:00 a.m.	Flow Monitoring Basin Prioritization: Developing a Multi-Year SSES Program in Denison, Iowa; Zach Matyja, RJN
8:30 a.m.	Lessons Learned from Responding to a 500-Year Flood Event; Curt Kampman, JEO
9:00 a.m.	Is That the Correct Tunnel Excavation Technique? A Discussion of Risk, Cost, and Other Factors; Benny Siljenberg, Lithos Engineering
9:45 a.m.	Cathodic Protection Application on Coated Steel and Prestressed Concrete Cylinder Pipes; Jeff Giddings, HDR
10:15 a.m.	BREAK
	REGULATORY
10:30 a.m.	4-State Government Affairs Update; Derek Gardels, HDR
11:00 a.m.	NDEE Updates (Water Quality); Hillary Stoll, NDEE
11:30 a.m.	Talent Pool Development: Ensuring Water Renewal and Replacement Quality; Jim Wathen, NICET
12:00 p.m.	LUNCH (PROVIDED) - LOCATION: WINDSOR I-IV Speaker: Chris Koenig - Riverfront Transformation
	WRRF
1:15 p.m.	Solids Handling at the Cedar Rapids WPCF; Jim Flammig, City of Cedar Rapids
2:00 p.m.	Collaborative Treatment Plant Retrofit Goes Above and Beyond; Jeff Keller, Burns & McDonnell
2:30 p.m.	City of Fremont WWTP Upgrades; Hayden DeLay, HDR
3:00 p.m.	BREAK
	CSO / WET WEATHER / RESOURCE RECOVERY
3:15 p.m.	Facility Mapping - Maximizing the O&M Power of Your Treatment Facilities; Colleen Connor & Nick Kleekamp, George Butler Associates
3:45 p.m.	Implementing a Complex Disinfection Process on a 100 MGD Combined Sewer Overflow; Kent Bienlien, Jacobs
4:30 p.m.	Benchmarking Lincoln's WRRF Net Energy; Nathan Chapman, Olsson
5:00 p.m.	Adjourn

THURSDAY, APRIL 16

Track 5	SWANA SOLID WASTE MANAGEMENT CONFERENCE <i>Location: Dapper I</i>
7:15 a.m.	REGISTRATION OPENS
8:00 a.m.	Solid Waste and HHW Working Groups - What Are They All About?; Kent Holm, Douglas County Environmental Services
8:45 a.m.	Omaha Collections Update 2020; Jim Theiler & James Kee, City of Omaha Michael Miller, SCS Engineers
9:30 a.m.	Decarbonizing Community Infrastructure; Marcella Thompson, HDR
10:15 a.m.	BREAK
10:30 a.m.	PCBs in Building Materials and Disposal Related Requirements; T.J. Bond, University of Nebraska - Lincoln
11:00 a.m.	No Whammies - Let's Make a Plan!; Lori Calub, HDR
11:30 a.m.	NDEE Updates (Solid Waste); TBD
12:00 p.m.	LUNCH (PROVIDED) - LOCATION: WINDSOR I-IV Speaker: Chris Koenig - Riverfront Transformation
1:15 p.m.	SWANA Bylaws Discussion; Joel Stenberg, SCS Engineers Lori Calub, HDR
1:45 p.m.	Wind Turbine Blade Disposal; Luke Rodig, Burns & McDonnell
2:15 p.m.	Strategies to Improve Compaction; Jeff Phillips, Barker Lemar
3:00 p.m.	BREAK
3:15 p.m.	Strategies to Manage Leachate; Nathan Hamm, SCS Engineers
3:45 p.m.	Culture of Safety Using Language; Vicki Haddock, Transcending Limits LLC
4:15 p.m.	State of the Recycling Industry; TBD
4:45 p.m.	SWANA Cash Drawing; \$100, Must be present to win
5:00 p.m.	Adjourn

THURSDAY, APRIL 16

Track 6	APWA NEBRASKA CHAPTER SPRING CONFERENCE <i>Location: Gatsby</i>
7:15 a.m.	REGISTRATION OPENS
8:00 a.m.	Leveraging Visual As-Builts for Assets and Lifecycle Management; Russ Bollig & Nick Heinzmann, Multivista
8:30 a.m.	CCCP Installation; Brian Culich, PermaForm
9:00 a.m.	Southern Sarpy County Sewer Agency Update; Joe Roberts, HDR
9:45 a.m.	Southern Sarpy Watershed Partnership Update; Mike Sotak, FYRA Engineering
10:15 a.m.	BREAK
10:30 a.m.	Flooding Predictions for 2020; David Pearson, National Weather Service Omaha
11:00 a.m.	Dana College Redevelopment; Al Schoemaker, City of Blair
12:00 p.m.	LUNCH (PROVIDED) - LOCATION: WINDSOR I-IV Speaker: Chris Koenig - Riverfront Transformation
1:15 p.m.	Talent Pool Development: Improving Quality and Safety with Credentials; Jim Wathen, NICET
2:15 p.m.	Engineered Solutions for Settlement Issues; Jesse Albert, Thrasher Commercial Group
3:00 p.m.	BREAK
3:15 p.m.	City of Lincoln Brine Operation; Travis Laughlin & Clay Engelman, City of Lincoln
4:15 p.m.	Implementing Proactive Asset Management - The Vitality of Quality Data; Jennifer Morales, City of Omaha Daria Sakharova, George Butler Associates
5:00 p.m.	Adjourn

IMPORTANT CONFERENCE INFORMATION

PAYMENT/CHECKS

Make checks payable to the Nebraska Water Environment Association (NWEA). Refunds will not be given for those who preregister and do not attend. Registration deadline is April 10, 2020. Return complete registration form with payment (checks payable to NWEA) to:

Scott Bundy
HDR
1917 S. 67th St.
Omaha, NE 68106

SPONSORSHIP OPPORTUNITIES

If you wish to help defray the cost of the Icebreaker Social, please contact Scott Bundy for available sponsorship opportunities:
Phone: 402.399.1357 / Fax: 402.970.9078 / Email: scott.bundy@hdrinc.com

HOTEL ACCOMMODATIONS

Embassy Suites by Hilton - Group Rate: \$139.00
Address: 12520 Westport Parkway, La Vista, NE 68128
Phone: 402.331.7400
Reserve by 3/14/20
Courtyard by Marriott - Group Rate: \$119.00
Address: 12560 Westport Parkway, La Vista, NE 68128
Phone: 402.339.4900
Reserve by 3/14/20

UNIVERSITY POSTER SESSION

University of Nebraska students will be displaying research posters on Wednesday, April 15, 2020 during breaks.

NWEA SCHOLARSHIP

NWEA endows a fund offering a minimum of \$5,000 per year in scholarships for full-time university students and/or for continuing education of members. Donations are greatly appreciated!

CONTINUING EDUCATION

Wastewater Operator:
*Wednesday Conference - 2 hrs.
*NE Municipal WW Operators: Thursday - 7 hrs.
Solid Waste: SWANA Credits
*Wednesday Facility Tours - 4 CEUs
*Thursday Conference - 7 CEUs
*CEU Credits identified are preliminary estimates

QUESTIONS

Please contact Conference Chair, Blake Birkel:
Phone: 402.392.9930 / Email: bbirkel@jeo.com

REGISTRATION FORM

REGISTER ONLINE AT WWW.NEBWEA.ORG

**RETURN COMPLETED FORM BY APRIL 10, 2020
WITH PAYMENT (CHECKS PAYABLE TO NWEA) TO:**

Scott Bundy
HDR
1917 S. 67th St.
Omaha, NE 68106

ALL INFORMATION BELOW IS REQUIRED

Name: _____

Organization: _____

Address: _____

Phone: _____

Email: _____

Check ONE Affiliation Box:

NWEA SWANA APWA

Check ALL That Apply:

All Tracks (1-6) \$120.00 (Onsite \$130.00)
Both Days: NWEA, SWANA, APWA
(Does not include Wednesday SWANA Facility Tours)

Adder \$60.00 (Onsite \$75.00)
Wednesday SWANA Facility Tours

NWEA Scholarship Donation \$ _____

Total Enclosed \$ _____

Checks Payable to NWEA