

“Membranes Meeting Water Quality Issues in the Mid-West”

North Liberty Water Plant
433 S. Front Street
North Liberty, IA 52317

Technology Transfer Workshop

September 19, 2018
(Space limited to 50 attendees)

0.7 Contact Hours/PDHs - IA & MN Pending Approval

- 7:30 - 8:30 Registration & Continental Breakfast**
- 8:30 - 12:00 SESSION 1: Membrane Applications**
Moderator: Harold Fravel, Ph.D.,
American Membrane Technology Association (AMTA)
- 8:30 - 9:00 Introduction to Membrane Treatment**
Wayne Bates, Hydranautics - Nitto Group Company
- 9:00 - 9:30 Membrane Applications in Iowa and Regulatory Considerations**
Taroon Bidar, Iowa Dept. of Natural Resources
- 9:30 - 10:00 Membranes in the Midwest - Pre-treatment Considerations**
Julia Nemeth-Harn, P.E., Harn R/O Systems, Inc.
- 10:00 - 10:20 Refreshment Break**
- 10:20 - 11:00 Data Collection and Normalization**
Greg Madden, H2O Innovation
- 11:00 - 11:30 Membranes in Industrial Applications**
Kelly Evans, P.E., ISG
- 11:30 - 12:00 RO and NF Cleaning**
Ken Robinson, Avista Technologies, Inc.
- 12:00 - 1:00 Lunch**
- 1:00 - 4:00 SESSION 2: Case Studies**
Moderator: Harold Fravel, Ph.D., AMTA
- 1:00 - 2:00 Case Studies - Utilities Round-Table/Panel Discussion**
Bill Seabold, Keokuk Municipal Waterworks
Chad McCleary, City of Washington
Greg Metternich, City of North Liberty
Todd Damon, City of Atkins
- 2:00 - 2:45 North Liberty, Iowa Pilot and Plant Case Study**
Steve Troyer, P.E., BCEE, FOX Engineering
- 2:45 - 3:00 Refreshment Break**
- 3:00 - 4:00 Tour North Liberty NF Plant**
Greg Metternich, City of North Liberty
- 4:00 - 4:15 Workshop Wrap-Up**
Julia Nemeth-Harn, P.E., Harn R/O Systems, Inc.

Special Thanks

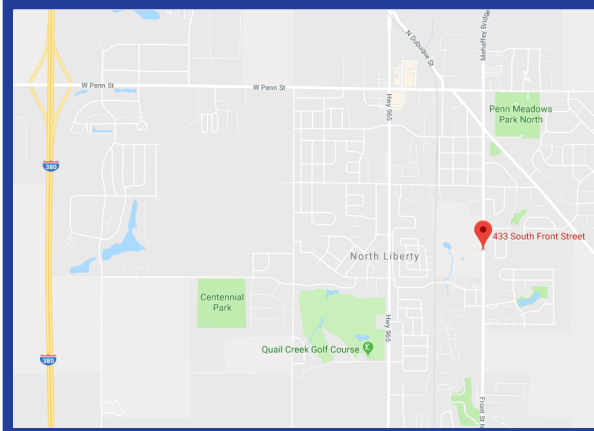
Host Facility Sponsor
City of North Liberty



Lunch Provided By:

Harn R/O Systems, Inc.

Registration Now Open
www.amtaorg.com
772-463-0820



North Liberty Water Plant

**433 S. Front Street
North Liberty, IA 52317**

From Cedar Rapids Airport: Head South on I-380 to Exit 4 (Penn St North Liberty) - turn right (South) on Hwy 965 to Zeller St turn left (East) to South Front St turn right (South) the treatment plant will be on your left

If lost, contact 319-626-5700

REGISTRATION FORM

American Membrane Technology Association (AMTA)

**PHONE: 772-463-0820 ♦ EMAIL: custsrv@amtaorg.com ♦ WEB: www.amtaorg.com
2409 SE Dixie Hwy., Stuart, FL 34996**

Name: _____ Title: _____

Company: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

E-mail: _____ Website: _____

I would like to receive email messages from AMTA about Events or Activities:
Data Sharing (with AMTA Board, Sponsors, Speakers, Moderators & Attendees):

YES NO
 OPT-IN OPT-OUT

License Type: _____ Level (i.e., A, B, or C): _____ Lic.#: _____

AMTA Workshop

***Registration and Payment must be received by event date: (No Exceptions)**

	<u>Amount</u>		
	Aug. 29	On/After: Aug. 30	
AMTA Members:	\$150	\$250	_____
Member Div. 1 or 3C	\$75	\$125	_____
Non-Members - Operators:	\$50	\$100	_____
Non-Members - All Others:	\$250	\$350	_____
Regulators/Full-Time Student	\$50	\$100	_____
Speakers/Moderators - 50% of above selection			_____

***Limited space - available to the first 50 paid registrants**

Total Registration Fee \$ _____

Special Needs:

Food Allergies (provide specifics)

Gluten Free

Halal Meals

Vegan Meals

Vegetarian Meals

Wheelchair Access

Other: _____

**METHOD OF PAYMENT: Payable to: American Membrane Technology Association
Mail to: 2409 SE Dixie Hwy., Stuart, FL 34996**

Check Enclosed for \$ _____ Please Invoice r Credit Card - see below

For Security Purposes, AMTA encourages you to use the Easy Online Registration. Secure Credit Card and eCheck Payment Processing is Now Available at: www.amtaorg.com

Cancellations/Refunds...

Written cancellation requests received by AMTA on or before **Aug. 29, 2018** will receive a refund, less a \$50 processing fee. Full payment is required if cancellation is received on or after **Aug. 30, 2018** no refunds and no credits for future events will be granted. However, substitutions may be made at any time. AMTA reserves the right to make changes in programs and speakers, or to cancel programs when conditions beyond its control prevail. Every effort will be made to contact each enrollee if a program is cancelled. If a program is not held, AMTA's liability is limited to the refund of the program fee only.