



ONLINE TRAINING/WEBINAR SPEAKER INFO, BIO & TOPIC ABSTRACT

Please provide the following information and email to support@nwmoa.com.

If you are presenting on multiple topics during this event, please fill out one form for each topic.

Name: Nicole Chin

Suffix:

Job Title: Process Analyst

(i.e.: Ph.D., P.E., Jr.)

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☒ Checking this Box confirms that I agree to be videoed and recorded for the duration of the Online Training/Webinar.

1. Speaker Biography (please provide one paragraph – 150 words or less)

Nicole went to University of Guelph in Canada and graduated with a Bachelors degree in Environmental Engineering. She currently works at SUEZ Water Technologies & Solutions as a Process Analyst. She is responsible for monitoring several drinking water and wastewater sites remotely using SUEZ's Asset Performance Management (APM) platform called InSight. With this technology, Nicole is able to ensure proper operation of membrane plants and maximize membrane performance and life.

2. Topic Title (please provide the topic title for your presentation)

Introduction to MBRs

3. Topic Abstract (please provide a minimum of 250 words for your presentation and describe how it relates to membrane technology)

Wastewater treatment process and introducing how membranes are used in wastewater treatment



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4. Polling Questions (please provide up to 5 questions you might ask the audience, relative to your topic, which you would like to engage with them on. Questions are multiple choice. A right or wrong answer is not required. If you do provide a question with only 1 correct answer, please indicate which answer is correct.. Provide 3 answers to choose from.)

1. Q. What is the importance of monitoring permeability? (A1 correct)
A 1 A measure of how fouled the membranes are
A 2 Tells us the amount of water that passes through the membranes
A 3 A measure of the pressure across membranes
2. Q. What is your biggest anxiety in wastewater/ water treatment?
A 1 Emerging contaminants
A 2 Staffing & Training
A 3 Managing obsolete equipment/ controls systems
3. Q. If maintenance cleans are not performed for an extended period and recovery cleans are performed according to the cleaning strategy, will this affect membrane performance? (A1 correct)
A 1 Yes
A 2 No
A 3
4. Q. Name 3 things that an operations team can do to ensure smooth operations
A 1
A 2
A 3
5. Q. Will poor screening affect membrane performance? (A1 correct)
A 1 Yes
A 2 No
A 3