

City of Painesville Water Pollution Control Thursday, September 22, 2022



Painesville’s Water Pollution Control facility is an activated sludge, biological treatment plant that is designed to treat an average daily flow of 6.0 MGD and a peak hydraulic flow of 28 MGD. The plant was originally built as a primary treatment plant and upgraded on several occasions, with the last major upgrade occurring in 2009. The treatment processes include typical units such as preliminary, primary, secondary and disinfection systems. Treatment highlights are tertiary treatment (gravity mixed media filters) and chlorine disinfection equipment that generates low strength sodium hypochlorite. FUTURE CAPITAL PROJECTS:



- Primary Anaerobic Digester Cover and Equipment
- Aeration Diffuser Upgrades
- Pump Station Wet Well Expansion, for new residential development

Register by Friday September 14, 2022 at www.ohiowea.org for this seminar. Registration is limited to **150 people** and will close once capacity is reached. Registration is highly encouraged but walk-ins will be welcome if not at capacity.

Training Fee is \$30 for members or \$45 for non-members (includes a 1 year Section Only Membership). Credit Cards accepted online. Payable day of event by cash or by check to NESOWEA. No purchase orders will be accepted.

Cancellations must be received 3 days prior to event to avoid being charged. If attendee registers with a credit card and cancels at any time, a small administration fee will be applied.

This program has been submitted for **4.5 hours of continuing education credit** for certified operators in Ohio. To receive credit, attendees must be present during the entire session and complete a contact hour form with Ohio EPA Core ID Number.

Questions regarding this event can be directed to:

Doug Dietzel
440-396-8222
Doug_Dietzel@CityofLorain.org

Registration, Refreshments & Facility Tours
8:00 - 10:00am

***1 Hour Tour Duration* Last tour leaves at 10:00am**
Painesville Water Pollution Control
1170 North State St.
Painesville, OH 44077

Lunch
11:30 - 12:30pm

La Malfa (in the Wingate by Wyndham Hotel)
5783 Heisley Rd.
Mentor, OH 44060
(6 minute drive from Painesville WPC)

Technical Sessions:
12:30 - 1:30pm

Background of Painesville WPC
Kevin Aiken, Painesville and Ashley Williston, Burgess & Niple

1:30 - 2:15pm

NE Ohio Source Control Pilot—Technical Results and Lessons Learned
Mark Delisio, CT Consultants

2:15 - 2:30pm

BREAK

2:30 - 3:30pm

Intelligent Wastewater Pumping Systems
Josh Mullins, Buckeye Pumps, Inc.

3:30 - 4:15pm

The Future of Disinfection—On-site Sodium Hypochlorite Generation for Water & Wastewater
Randy Otts, De Nora

4:15 - 4:30pm

Closing Announcements, Prizes and Remarks