

Massillon Wastewater Treatment Facility Thursday, September 30, 2021



The Massillon Wastewater Treatment Plant (WWTP) is a regional facility owned and operated by the City of Massillon, treating sanitary sewer flows from the City as well as portions of Stark County. In 2013, the plant was expanded from 15.8 MGD to 17.0 MGD and upgraded to meet new phosphorus NPDES permit limitations from the WWTP's final effluent. Based on site and process restrictions, an Integrated Fixed-Film Activated Sludge (IFAS) treatment system was selected and installed.



Features of the IFAS Treatment Upgrades:

- Biological nutrient removal (BNR) processes
- Integrated fixed film activated sludge (IFAS) system
- Headworks improvements
- Replacement of equipment approaching its service life

Registration, Refreshments & Facility Tours
8:00 - 10:30am

1 Hour Tour Duration *Last tour leaves at 10:30am*
Massillon Wastewater Treatment Facility
100 Big Indian Drive SW
Massillon, OH 44646

Lunch
11:30 - 12:30pm

Santangelo's Party Center
1008 9th St, SW
Massillon, Ohio 44647
(6 minute drive from Massillon WWTP)

Technical Sessions:
12:30 - 1:15pm

City of Massillon WWTP – Designing a Major Plant Upgrade for Nutrient Removal within Tight Site Limitations Rick Reed, PE and Dave Kohlmeier, PE CTI Engineers, Inc.

1:15 - 2:00pm

City of Massillon WWTP – Staged Conversion of an Oxygen Ditch Biological Process to IFAS Mike Manning, PE and Bill Meinert, PE, Ramboll

2:00 - 2:15pm

BREAK

2:15 - 3:00pm

Professional Construction Management of WWTP Upgrades Bryan Celik, PE Anser Advisory

3:00 - 3:45pm

Wastewater and Drinking Water Infrastructure Funding Opportunities in Ohio Jon Bernstein, PE, Ohio EPA, Division of Environmental and Financial Assistance

3:45 - 4:00pm

Closing Announcements, Prizes and Remarks

Register by Friday September 24, 2021 at www.nesowea.org for this seminar. Registration is limited to **125 people** and will close once capacity is reached.

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.**

This program has been submitted for **4.0 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:

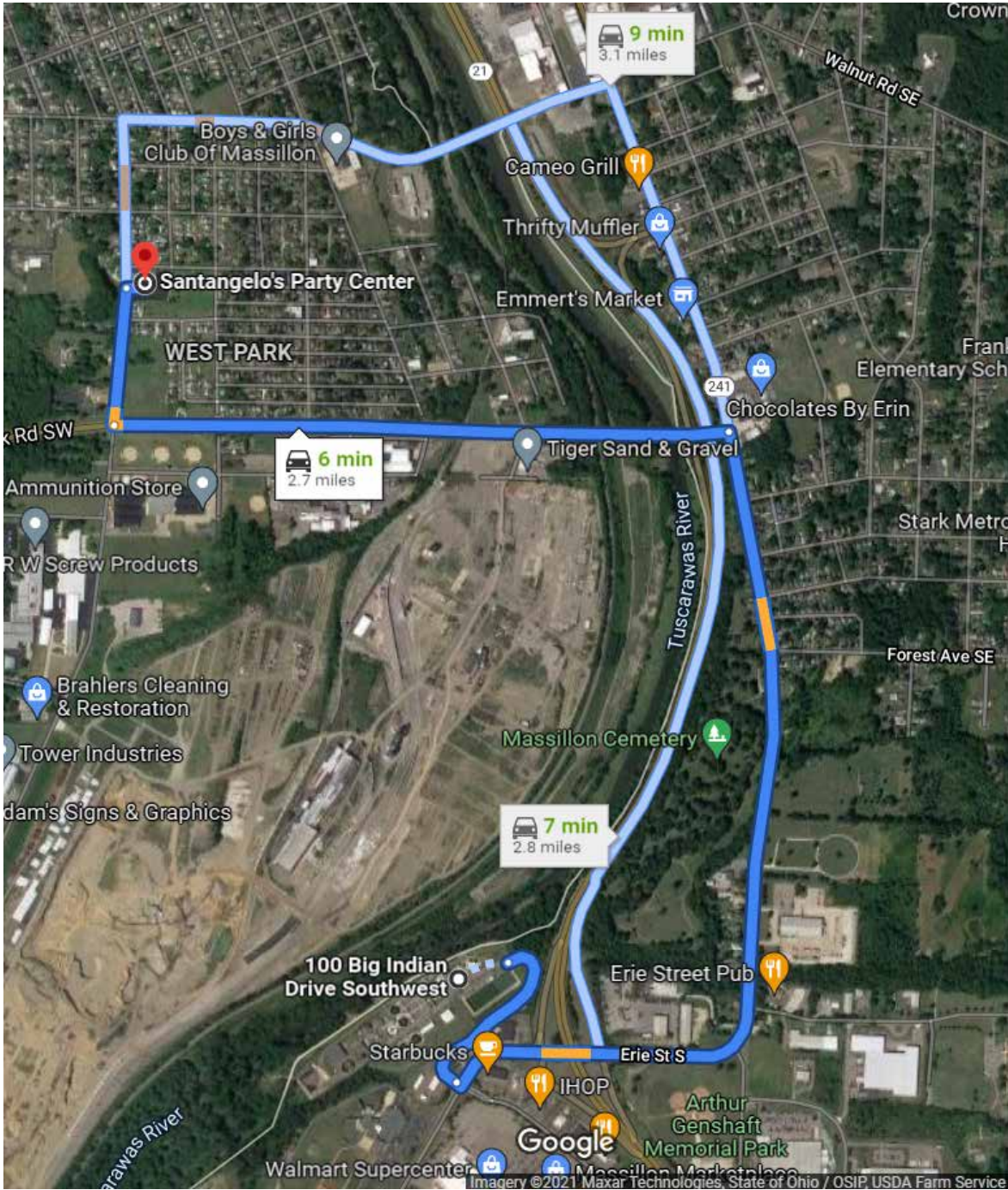
Kristi Babcock
330-336-2894
kbabcock@wadsworthcity.org

Parking at Massillon WWTP



Massillon Wastewater Treatment Facility
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Santangelo's Party Center
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COVID-19 Precautions

- Masks are recommended for everyone
- Social distancing will be in place
- Please check your temperature before coming
- We will be adhering to ALL local health guidelines