



Tuesday November 18th, 2024
10:00 AM to 11:30 AM

CSWEA Operator Training Course: Fundamentals of Collection Systems

OVERVIEW

Safe, sanitary and efficient collection of wastewater at its sources (domestic, commercial and industrial) and then its conveyance to a facility begins the treatment process.

It is also usually the only part of the process of which the public has much awareness. That awareness all too often happens when there are issues with the system causing problems for the public (your customers).

The information covered in this course will help staff understand the basics of function, maintenance, operation, protection, and preservation of the asset of your system.

AGENDA

10:00 am Introduction

10:05 am Course Topics:

- Purpose of Collection Systems
- Common Definitions
- Components
- Importance of Maintenance
- Service Delivery Options
- Preventive Maintenance
- Corrective Maintenance

11:30 am Adjourn



CONTINUING EDUCATION

1.5 CEUs for Operators in Illinois, Wisconsin & Minnesota.
Operator ID/Quiz required for webinar.

1.8 PDHs for all Professional Engineers



COST

\$35 – Members (Discount Code: CSWEA)

\$40 – Non-Members

\$10 – Student (Discount Code: Student)

\$10 – International (Discount Code: International)

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CENTRAL STATES WATER ENVIRONMENT ASSOCIATION
OPERATOR TRAINING PROGRAM



OPERATOR TRAINING PROGRAM

Instructor:



Brandon Scurto

Brandon Scurto is a Class 2 Wastewater Operator at Northern Moraine Wastewater Reclamation District (NMWRD) in Island Lake, Illinois, an activated sludge treatment plant serving over 15,000 residents across Island Lake, Lakemoor, Port Barrington, and Holiday Hills. Operating on a 36-acre facility with 24 Lift Stations, 80 miles of sewer mains, and the capacity to treat an average of 2.0 MGD (5.0 MGD Peak), NMWRD plays a vital role in protecting public health and preserving the Fox River. In his current role, Brandon expertly balances multiple critical functions. Overseeing process control, conduction laboratory analyses, performing maintenance, executing collection system cleaning, and managing CCTV inspections, in addition to collecting, preparing, and submitting data for the monthly DMR report. With over 17 years in public works, Brandon brings both experience and expertise to the job. Outside of the plant, he recharges by staying active outdoors and indulging in his passion for hockey, baseball, and NASCAR, while also fostering professional growth through networking and regularly visiting other treatment facilities to exchange best practices and fuel continuous improvement.

