

ONLINE WASTEWATER TRAINING

November 10, 2026

ISG

This class has been approved for **four (4) contact hours** for South Dakota operators and **four (4) contact hours (0.4 CEUs)** for Iowa operators in wastewater.

TIME	TOPIC
8:00 a.m.	Welcome + Introductions
8:05 a.m.	Stop Guessing: How to Find, Prioritize, and Eliminate I/I
	Speaker: Shane Jacobson, CIT Sewer Solutions High, wet-weather flows can overwhelm collection systems and treatment plants, but throwing rehabilitation dollars at miles of sewer without knowing where the water is entering is an expensive strategy. This session presents a practical approach to narrowing down I/I sources using flow monitoring, smoke testing, manhole inspections, CCTV, cleaning, dye testing, and targeted investigation. Real-world examples will demonstrate how utilities can turn field data into an actionable rehabilitation plan, prioritize the highest-impact defects, and get more value from limited infrastructure budgets.
9:00 a.m.	Troubleshooting Wastewater Issues
	Speakers: Luke Anderson + Tom Atkinson, ISG This presentation will explore common wastewater issues and provide processes and tips to troubleshoot issues.
9:50 a.m.	Break
10:05 a.m.	Troubleshooting Noncompliance for Smaller WWTPs — Part 2: Settling
	Speaker: Andrew Gall + Nick Hammer, Ohio EPA This is the second part of the presentation from August and will provide a details on process control and addressing settling process issues at activated sludge plants.
11:00 a.m.	Case Study — Thinking Outside the Box for Controlled Discharge Lagoon Compliance
	Speaker: Lenny Larson, PE + Ashley Powell, ISG This presentation is a discussion of different treatment processes alternatives piloted at the Dow City, Iowa Wastewater Treatment Plant. Topics include utilizing the existing lagoon infrastructure and containerized treatment piloted in different configurations to determine feasibility of treatment. The goal was to utilize as much infrastructure as possible and size treatment system for as small as required to reduce capital costs to comply with upcoming ammonia, nitrogen, and E. coli limits.
11:50 a.m.	Wrap-Up