



CONTINUING EDUCATION INFORMATION

Iowa Onsite Waste Water Association (IOWWA) is offering continuing education approval for the Certified Installer of Onsite Wastewater Treatment Systems (CLOWTS) credential for the WWETT 2020 sessions as listed below.

MONDAY, FEBRUARY 17, 2020

Time	CE Hours	Code	Course Title
1:30 – 2:30 PM	1.0	MO02	Outside the Box: Trenching and Excavation for Plumbers
1:30 – 2:30	1.0	MO03	Complete Pump System Design
3:00 – 4:00 PM	1.0	MO08	Why Drainfields Fail: 6 Major Issues
4:30 – 5:30 PM	1.0	MO13	More Than Just Dirty; Pathogen to Workers in the Onsite Industry
9:30 AM – 5:30 PM	6.0	NAWT	NAWT One-Day Inspection Certification Course
9:30 AM – 5:30 PM	6.0	NOWRA	NOWRA One-Day Installer Course

TUESDAY, FEBRUARY 18, 2020

Time	CE Hours	Code	Course Title
7:30 – 8:30 AM	1.0	TU02	Technologies for Locating Underground Pipe and Buried Objects
7:30 – 9:00 AM	1.5	TU05	Operations and Maintenance Friendly Design and Install of Septic Systems
9:30 – 11:00 AM	1.5	TU11	Advanced Troubleshooting of Onsite Systems
1:30 – 2:30 PM	1.0	TU18	Municipal Wastewater-Type Treatment Technology for Small Systems
1:30 – 2:30 PM	1.0	TU19	Principles of Smart Water / Wastewater
3:00 – 4:00 PM	1.0	TU20	Municipal Fats, Oils, and Grease Programs
3:00 – 4:00 PM	1.0	TH21	Hydro-Jetting: Defeating Your Jetter's Enemies
3:00 – 4:00 PM	1.0	TU23	A DIY Approach to Upgrading for Ammonia Removal
4:30 – 5:30 PM	1.0	TH29	A Future Vision for Smart Water / Wastewater Systems

WEDNESDAY, FEBRUARY 19, 2020

Time	CE Hours	Code	Course Title
8:00 – 9:00 AM	1.0	WESS	Delivering Smart Wastewater: Expert Panel Session
8:00 – 9:00 AM	1.0	WE02	Introduction to the Art of Installation
8:00 – 9:00 AM	1.0	WE03	Principles of Water Movement In Soil Treatment Systems
8:00 – 9:00 AM	1.0	WE05	Submersible Wastewater and Effluent Pump Differences and Proper Applications
8:00 – 9:00 AM	1.0	WE06	Legality, Liability. Professional Ethics and Common Sense Best Practices
8:00 – 9:00 AM	1.0	WE08	OSHA Confined Space Entry and Air Monitoring – OSHA Reg. 1910.146: Overview and Refresher

9:30 – 11:00 AM	1.5	WE10	Soils and the Installer – What You Need to Know
9:30 – 11:00 AM	1.5	WE11	Introduction to Key Soil Properties for Design
9:30 – 11:00 AM	1.5	WE12	New Standards – New Future – for Portable Sanitation and Non-sewered Waste Systems
9:30 – 11:00 AM	1.5	WE13	State-of-the-Art Pipeline and Manhole Rehabilitation Technologies
9:30 – 11:00 AM	1.5	WE14	Submersible Pump Application, Design, Sizing and Servicing
9:30 – 11:00 AM	1.5	WE15	Step-by-Step Guide to Locating and Recording the Condition of all System Components
12:30 – 2:00 PM	1.5	WE19	Installing Effective Technology Components
12:30 – 2:00 PM	1.5	WE20	Design of Pressure Distribution
12:30 – 2:00 PM	1.5	WE22	An In-Depth Study of Pipeline Cleaning; Nozzles, Procedures and Technology
12:30 – 2:00 PM	1.5	WE23	Troubleshooting Floats and Onsite Septic Controls
12:30 – 2:00 PM	1.5	WE24	Step-by-Step Guide to Locating and Recording the Condition of Treatment Field and Treatment Components
12:30 – 2:00 PM	1.5	WE26	OSHA Focus Four Hazards
2:30 – 3:30 PM	1.0	WE29	What Are the Soils Telling Us?
2:30 – 3:30 PM	1.0	WE30	Systems Operation and Wastewater Treatment Troubleshooting (with Emphasis on the Strategic Use of Air)
2:30 – 3:30 PM	1.0	WE31	The Essentials of Septic Tank Design
2:30 – 3:30 PM	1.0	WE33	Alternative Pump Controls
2:30 – 3:30 PM	1.0	WE35	OSHA Trenching and Excavation Safety
4:00 – 5:00 PM	1.0	WE38	Installing a System That “Needs a Lift”
4:00 – 5:00 PM	1.0	WE39	Design Concerns with Restaurants, C-Stores and Commercial Waste
4:00 – 5:00 PM	1.0	WE40	Making Infiltrative Decisions During Design
4:00 – 5:00 PM	1.0	WE41	CCTV and Cleaning; A Practical Approach to Cleaning and Video Projects
4:00 – 5:00 PM	1.0	WE42	Everyone Communicates, Few Connect

Thursday, February 20, 2020

Time	CE Hours	Code	Course Title
8:00 – 9:00 AM	1.0	TH03	Don't Blow the Commode
8:00 – 9:00 AM	1.0	TH05	Development of the Pump Forward Flow Return (PFFR) Concept for Treatment of Small Wastewater Flows
8:00 – 9:00 AM	1.0	TH06	Principles of Smart Water / Wastewater
9:30 – 10:30 AM	1.0	TH09	Inspection Technologies and Applications
9:30 – 10:30 AM	1.0	TH11	Cracking the FOG Code for Success
9:30 – 10:30 AM	1.0	TH12	Instrumentation, Data Quality and the Value of Information
11:00 AM – 12:00 PM	1.0	TH15	Know Your High Pressure Sewer Cleaning Hose
11:00 AM – 12:00 PM	1.0	TH17	A Future Vision for Smart Water / Wastewater Systems
8:00 AM – 12:30 PM	4.5	CERT	OSHA Confined Space Entry and Air Monitoring – OSHA Reg. 1910.146. Certification Class and Exam.

Continuing Education Process:

- All **attendees** must register for approved sessions (preselect your classes) and get scanned at the door of each session. **Register + scan = proof of attendance/receive credit.**
- **For all attendees from Iowa, continuing education sessions will be submitted electronically to IOWWA by WWETT.**
- An email notification will be sent approximately six weeks post show with instructions to download your certificates of completion.
- Attendee will download or print earned certificates and keep on file for your own records.