Acceptable Continuing Education Topics

A “Continuing Education Course” is a presentation that transmits information related to the operation of a water treatment facility and/or distribution system. All classes, presentations and meetings must be a minimum of 50 minutes long. Multiple short classes over different days cannot be added together to equal one contact hour. Classes must be drinking water related; general education classes are not acceptable. Wastewater classes are not acceptable.

Below is a list of Acceptable Technical Topics. This list is not complete but is representative of topics that have been reviewed and approved.

A

AC Pipe Cutting and Installation
Accident Investigation
Activated Charcoal
Advanced Metering Infrastructure (AMI)
Advanced Oxidation
Air Valves
Algae Bloom
Alkalinity
Appurtenances
Aquifers
ArcGIS (Drinking Water Related)
Arsenic
Asbestos Cement Pipe
Aquifer Storage/Recovery (ASR)
Asset Management
Automated Meter Reading (AMR

B

Backflow Tester or Refresher Class
Bacteriological Diseases
Bloodborne Pathogens
Blue Book
Board Member and Owner Responsibilities
Budget and Rate Settings
Building Evacuation and Response

C

California Environmental Quality Act (CEQA)
Canals
Capital Improvement Plans
Cathodic Protection
CGP/QSP Storm Water
Chemical Contaminants
Chemical Feeders
Chemical Inventories – Drinking Water
Chloramination
Chlorine Chemistry
Chlorine Usage, Dosing, and Analysis
Chromium 6 (CrVI)
Cla-Val
Clamps
Clarifiers – Drinking Water
Clear Wells
Coagulation
Code of Federal Regulations (CFR)
Colorimeter
Competent Person Training
Consumer Confidence Reports (CCR)
Corrective Preventive Maintenance for Water (CPM)
Corrosion Control
Couplings

Cross Connection Control
Cryptosporidium Contaminants
CT Calculations
Cured in Place Pipe (CIPP)
Customer Service for water customers
Cyber Security (Drinking Water related)

D

Desalination
Disaster Preparedness and Response
Disease Control
Disinfection
Disinfection Byproduct Rule (DBP)
Distribution Control Systems (DCS)
Distribution Materials
Distribution System Design
Direct Potable Reuse (Direct Potable Reuse)
Double Containment
Drawdown
Drought

E

Electric Motors
Electrical Troubleshooting and Maintenance
Electricity (basic course only)
Electrodialysis
Emergency Operations/Response
Emerging Contaminants
EPA Regulations
Ethics for the Water Industry
Exam Review
Excavation – Competent Person

F

FEMA Incident Command System
Field Book Basics
Filters and Filtration
Fittings
Flanges
Flash Mixing
Flocculation
Fluoridation Techniques
Flushing
Freshwater Sludge
Funding Sources – Financial Management

G

Giardia Parasitic Disease
Global Positioning System (GPS)
Groundwater Rule (GWR)

H

Hach Colorimeter
Headworks Screening Handling System
Heterotrophic Plate Count
High Rate Clarifiers
Hydrants
Hydraulic Grade Line (HGL)
Hydrologic Cycle
Hydrologist
Hydrolysis
Hypochlorination
Hypochlorinators

I

Ice Pigging
Incident Command System (ICS) Crisis Mgmt
Incident Response
Indirect Potable Reuse (IPR)
Infectious Disease Control
Ion Exchange
Iron and Manganese Control

J

Jar Tests

L

Lead and Copper Rule (LCR)
Leak Detection
Lead Service Line Inventory Requirements
Lubrication for Pumps and Motors

M

Management (presented by water utility; not generic)
Maps
Maximum Contaminant Level Goal (MCLG)
Maximum Contaminant Levels (MCL)
Membrane Filtration
Meter Reading
Microbial Contaminants – Giardia, Cryptosporidium
Microfiltration (MF)
Motors/Pumps

N

National Incident Management System (NIMS)
Nitrates/Nitrites
Nitrification
NPDES Water Regulations

O

Operation Maintenance
Osmosis
Ozone Disinfection

P

Polychlorinated Biphenyl (PCB)
PFAS Treatment Technologies, Monitoring and Compliance
Pipe Repair/Joining/Tapping
Potable Water Treatment Plant (PWTP)
Preventive Maintenance (PM)
Pressure Pipes
Programmable Logic Controller (PLC)
Project Management for Water Operators
Public Relations for the Water Industry
Pump Curves
Pumps/Motors

Q

Quagga Mussel

R

Rate Settings
Recycled Water Regulations
Recycled Water Shutdown Test
Regulation Review
Remote Automation
Reservoir Stratification
Reservoirs and Storage Facilities
Reverse Osmosis (RO)
Rules and Regulations

S

Safe Drinking Water Act (SDWA)
Sanitary Survey
Scaffold – Competent Person
Security - Cyber
Sedimentation
Service Tapping
Shoring – Competent Person
Site Visits
SOOM Mechanical Valving
Standardized Emergency Management System (SEMS)
Storm Water (SW) Compliance
Storm Water Pollution Prevention
Supervisory Control and Data Acquisition – Remote Automation (SCADA)

T

Tanks and Tank Coatings
Tapping
Taste and Odor Controls
Terrorism Response
Thermal Imaging
Title 22
Technical, Managerial, Financial (TMF) Capacity of a Water System
Tool Maintenance
Total Coliform Rule (TCR)
Tours of Water Facilities
Trenching – Competent Person
Trenching & Excavating (1 class)
Trenching & Shoring (1 class)
Trihalomethane (THM) Removal
Turbidity
Turbidity Meters

U

Ultraviolet (UV) Disinfection
Ultraviolet (UV) Light Basics
Ultraviolet (UV) Oxidation
Unaccounted For Water (UFW)
Underground Utility Location
Unregulated Contaminant Monitoring Rule (UCMR)
Utility Billing

V

Valves
Variable Frequency Drives (VFD)
Vibration Monitoring
Vulnerability Self Assessment Tool (VSAT)

W

Water Audits
Water Biology
Water Chemistry
Water Conservation
Water Health and Economic Analysis Tool (WHEAT)
Water Loss Management
Water Main Flushing
Water Main Installation
Water Math (Treatment/Distribution specific)
Water Quality and Monitoring
Water Sampling
Water Softening
Water Storage Tanks
Water Survey
Water Use Efficiency
Watershed
WD/WT Exam Reviews
WD/WT Refresher
WD/WT College Courses
Wells and Well Design
Wildfire Impact on Water Systems

Z

Zinc Orthophosphate (ZOP)