

State Water Resources Control Board

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

B

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

C

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

Cross Connection Control
Cryptosporidium Contaminants
CT Calculations

Cured in Place Pipe (CIPP)
Customer Service for water customers
Cyber Security

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)
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
Flouridation Techniques
Flushing
Freshwater Sludge
Funding Sources – Financial Management

G

Giardia Parasitic Disease
Geographic Information System (GIS)

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 Piggling
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)	Lubrication for Pumps and Motors
Leak Detection	

M

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

N

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

O

Operation Maintenance	Ozone Disinfection
Osmosis	

P

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

Q

Quagga Mussel	
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R

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

S

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

T

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

U

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

V

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

W

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

Z

Zinc Orthophosphate (ZOP)	
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