



MEETING AGENDA

Water Quality Division, Drinking Water Section
 Capacity Development Program
 Westin La Paloma Conference Center
 3800 E Sunrise Dr. Tucson, AZ 85718
 March 21, 2016

RTCR All Day & ADEQ Staff for Q&A

7:30-8:00 am	Check In.....Pre-registration is required
8:00-8:15 am	Welcome and Introductions- WQD Deputy Director Randy Matas
8:15-8:50 am	Reclaimed Water, Operator Certification and YOU!
9:00-9:50 am	Overview of the Revised Total Coliform Rule (RTCR) Part 1
10:00-10:50 am	Overview of the RTCR Part 2
11:00-11:50 am	Review of RTCR Forms and Guidance Documents (Fact Sheets, Templates, EPA Documents)
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	RTCR Assessments, Corrective Actions and Review of Assessment Forms
2:00-2:50 pm	RTCR Microbiological Site Sampling Plans (MSSPs)
3:00-3:50 pm	RTCR Sampling Scenarios - Exercise #1
4:00-4:50 pm	RTCR Sampling Scenarios - Exercise #2

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Each Session is 50 minutes long								
Circle the number of PDHs you earned:								
Sessions	8	7	6	5	4	3	2	1
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 March 22, 2016

Room A-Control Valves/Cross Connection Control

- 7:30-8:00 am Check In.....Pre-registration is required
- 8:00-8:50 am Why do we have control valves?
- 9:00-9:50 am Review of the different types of Control Valves:
 - Pressure Reducing valves
 - Pressure Relief Valves
 - Pressure Management (Surge Anticipator) Valves
- 10:00-10:50 am Pressure Sustaining Valves
 - Electronically Controlled (Actuated) Valves
 - Altitude Valves
- 11:00-11:50 am Review of Valve Operation
 - Pilot Valves
 - Main Valve Hydraulic and Electronic
- 12:00-12:50 pm Lunch; On your own
- 1:00-1:50 pm Cross Connection Control Rules/Review
- 2:00-2:50 pm Review of Backflow Preventers/How to manage your Backflow Prevention Program
- 3:00-3:50 pm Identification of Indirect/Direct Cross Connections
- 4:00-4:50 pm Plumber of the Year Awards

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Room B-Management Track

7:30-8:00 am	Check InPre-registration is required
8:00-8:50 am	Water System Management
9:00-9:50 am	Water System Management con't
10:00-10:50 am	PWS Budgeting & Financial Management
11:00-11:50 am	Budgeting & Finances con't
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	Asset Management
2:00-2:50 pm	Asset Management con't
3:00-3:50 pm	Energy Management
4:00-4:50 pm	Energy Management con't

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Room C- Operator Math

7:30-8:00 am	Check In.....Pre-registration is required
8:00-8:50 am	Units of Measurement
9:00-9:50 am	Conversion of Measurement Units
10:00-10:50 am	Averages; Ratio and Proportion
11:00-11:50 am	Area and Volume
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	Chemical Dosing
2:00-2:50 pm	Velocity, Flow Rates and Detention Time
3:00-3:50 pm	Pressure and Force
4:00-4:50 pm	Pump and Motor

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PRACTICE EXAMS ROOM D

8:00 am – 4:50 pm Practice Exams Offered All Day. All Classifications and All Grades

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Room A-Chemical Usage in Water Systems

7:30-8:00 am	Check In.....Pre-registration is required
8:00-8:50 am	Brief review of chemicals used in water
9:00-9:50 am	Chemical safety, Introduction to Coagulation & Flocculation
10:00-10:50 am	Coagulant Aids and Jar Testing
11:00-11:50 am	Fluoridation of Drinking Water
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	Ultraviolet Light, Ozone, Chlorine Compounds
2:00-2:50 pm	Chlorination
3:00-3:50 pm	Phosphate for Corrosion Control and Sequestering Iron
4:00-4:50 pm	Quiz & Q&A

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Room B-Management Track

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8:00-8:50 am	Public Water Systems Basic Operations
9:00-9:50 am	O&M Plans - How to Develop an O&M Plan
10:00-10:50 am	Emergency & Disaster Response Planning
11:00-11:50 am	Emergency Planning – group activity
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	Security for Public Water Systems
2:00-2:50 pm	Identifying hazards – vulnerability assessments – group activity
3:00-3:50 pm	Water Audits
4:00-4:50 pm	Water Audits con't

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Room C- Ensuring the Reliability of Tomorrow's Water System

7:30-8:00 am	Check In.....Pre-registration is required
8:00-8:50 am	Source Water Protection – Why is it important and how to do it
9:00-9:50 am	Incorporating Emerging Treatment Technologies
10:00-10:50 am	Distribution System of the Future – issues and trends
11:00-11:50 am	Developing a Business Continuity Planning for Your Utility
12:00-12:50 pm	Lunch; On your own
1:00-1:50 pm	Tools for Crisis Communication
2:00-2:50 pm	Climate Ready Water Utilities
3:00-3:50 pm	Sustainable Practices for Water Utilities
4:00-4:50 pm	Tools for Effective Employee Training

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