

**Capacity Development and Operator Certification
 Hilton Garden Inn/Pivot Point Conference Center
 310 North Madison Yuma, AZ 85364
 Feb. 13, 2018**

**Operator Track-Room A
 Distribution Day 1**

7:30-8:00 am	Check In (Pre-registration is required)
8:00-8:50 am	Operator Certification Fundamentals/ Federal and State Regulatory Review
9:00-9:50 am	Water Sampling Procedures & Laboratory Analysis
10:00-10:50 am	Water Distribution System Basics
11:00-11:50 am	Water Wells and Well Construction
12:00-12:50 pm	Lunch (On your own)
1:00-1:50 pm	Distribution System Pipelines and Appurtenances
2:00-2:50 pm	Distribution System Pipelines and Appurtenances (Continued)
3:00-3:50 pm	Water Storage Tanks and Reservoirs
4:00-4:50 pm	Water Storage Tanks and Reservoirs (Continued)

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If you have questions about this workshop, please contact Mel Rose, Operator Certification, at mr7@azdeq.gov or (602)771-4695.

Each Session is 50 minutes long								
Circle the number of PDHs you earned:								
Sessions	8	7	6	5	4	3	2	1
PDHs	7	6	5	4	3	2.5	2	1
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Operator Certification #					System:			

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**Operator Track Room B
Operators- Protecting Public Health & Safety (Day 1)**

7:30-8:00 am	Check In (<i>Pre-registration is required</i>)
8:00-8:50 am	Operator Ethics
9:00-9:50 am	Health & Safety
10:00-10:50 am	Compliance Requirements
11:00-11:50 am	Certification & Training
12:00-12:50 pm	Lunch (<i>On your own</i>)
1:00-1:50 pm	Certified Operator Role and Responsibility
2:00-2:50 pm	ADEQ's Role and Responsibility
3:00-3:50 pm	ADWR Role and Responsibility
4:00-4:50 pm	EPA's Role and Responsibility

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Management Track-Room C

Ways to Address Arsenic and TTHM/DBP issues

7:30 - 8:00 am	Check In (Pre-registration is required)
8:00 - 8:30 am	Arsenic chemistry, speciation & treatment considerations
8:30 -9:50 am	Non-treatment options: well testing and modifications, and blending
10:00 -10:50 am	Treatment Systems overview: adsorption, ion exchange, and coagulation-filtration
11:00 – 11:50 pm	Operational considerations and waste handling and disposal
12:00 - 1:00 pm	Lunch (On your own)
1:00 - 1:50 pm	DBP chemistry & formation – how they get in the system
2:00 – 2:50 pm	Impacts of various disinfectants & oxidants on DBP formation
3:00-3:50 pm	Treatment plant optimization & distribution system operating strategies
4:00-4:50 pm	Treatment technologies to reduce formation of DBPs Removal of DBPs in the system to meet MCLs

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Capacity Development and Operator Certification
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Feb. 14, 2018
Operator Track-Room A
Distribution Day 2

7:30-8:00 am	Check In (Pre-registration is required)
8:00-8:50 am	Booster Pump Stations
9:00-9:50 am	Booster Pump Stations/Chemical Handling Systems
10:00-10:50 am	Utility Operator Math Review
11:00-11:50 am	Utility Operator Math Review (Continued)
12:00-12:50 pm	Lunch (On your own)
1:00-1:50 pm	Operator Safety and Water System Security
2:00-2:50 pm	Utility Administration
3:00-3:50 pm	Review and Wrap-Up
4:00-4:50 pm	Review and Wrap-Up (Continued)

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**Operator Track Room B
Operators- Protecting Public Health & Safety (Day 2)**

7:30-8:00 am	Check In (<i>Pre-registration is required</i>)
8:00-8:50 am	Water Industry Career
9:00-9:50 am	Water Source
10:00-10:50 am	Biology
11:00-11:50 am	Hydrogeology
12:00-12:50 pm	Lunch (<i>On your own</i>)
1:00-1:50 pm	Geology
2:00-2:50 pm	Water Industry Equipment
3:00-3:50 pm	Operator Math
4:00-4:50 pm	Chemical Dosing

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 Feb. 13 & 14
PRACTICE EXAMS**

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

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