



Course Title: Flood Response for Water and Wastewater Operators

Course Duration: 3.0 Hours

Course Description: Flooding is one of the most common hazards in the United States, causing more damage than any other severe weather-related event. It can occur from swollen rivers, heavy rains, spring snowmelt, levee or dam failure, local drainage issues and water distribution main breaks. Impacts to drinking water and wastewater utilities can include loss of power, damage to assets and dangerous conditions for personnel. Flooding will be an ongoing challenge for drinking water and wastewater utilities.

Topics include:

- Flood Resilience
- Flood Mitigation
- Vulnerable Assets
- Mitigation options
- Flood Response EAP
- Flood Response actions

Time Schedule: Suggested 3 hours

Introduction	5 minutes
Floods and Utilities	10 minutes
Flood Resilience Intro	5 minutes
Identifying Vulnerable Assets	10 minutes
Approach to Flood Resilience	5 minutes
Mitigation Options	30 minutes
City of Pendleton Flood Response EAP	30 minutes
Break	10 minutes
City of Pendleton Flood Response EAP (continued)	60 minutes
Community Partners	10 minutes
Homeless Plan	10 minutes
Closing	5 minutes

Training Methodology & Evaluation: This course is an in-person class. The students will gain knowledge on how to respond to a flood within the City of Pendleton, what are the assets that are vulnerable, what the mitigation options are and an in-depth look into the City of Pendleton's EAP.

Instructor Bio/Credentials: The course will be given by the City Safety Manager/Regulatory Specialist, Brian Warren. Brian is currently the Lead Chair of the City of Pendleton Safety Committee, on the LEPC Board for Umatilla & Morrow counties and has evaluated & revamped

the Flood Response Plan & Water ERP for the City of Pendleton. Brian is also certified as a STS to the BCSP (Board of Certified Safety Professionals).