

#7113 / #1334
Basic Approach to Identification and Removal to Infiltration and Inflow / Collection System Troubleshooting

6 WASTEWATER CONTACT HOURS

An improperly maintained collection system can add unnecessary costs to a community's wastewater customers. A collection system operator needs to know how to identify the problem areas, how to detect I & I and how to repair those problems once found. This course covers identifying and removing infiltration and inflow (I/I) from your sewer system. This 2 part course is designed to help collection system operators establish maintenance and troubleshooting practices and repair collection system problems, so that the system can remain in compliance and not exceed permit levels.

Topics to be covered:

- Inflow and Infiltration
- Understanding your Sewer System
- Methods of rehabbing manholes
- Lateral repairs and Mainline repairs

April 16, 2019

Ford Cliff Volunteer Fire Hall
609 Neale Avenue
Ford Cliff, PA 16228
Armstrong County

Class Time: 8:00 am - 3:30 pm
Registration: 7:30 am

Lunch and materials provided with your registration

Instructor: Phil Giunta
Water and Wastewater Specialist

Questions?
Call 800-653-7792 ext. 107 or 108
Or email: Training@PRWA.com
WE HOPE TO SEE YOU THERE!

THE PRWA PROMISE

If you're not 100% satisfied with the training class for any reason, we will give you a refund!

WWW.PRWA.COM/PROMISE

Attendance cost per person:
\$95 for PRWA Members
\$130 for Non-Members

PRWA Member? Yes No

Name: _____ PA-DEP Client ID (if applicable): _____

System/Company: _____ Phone: _____

Address: Home System _____ Fax: _____

City _____ State: _____ Zip: _____ Email: _____

PAYMENT:

Check (payable to PRWA)

Invoice Me: Home System

Credit Card: AmEx Discover Visa MasterCard

Card Number: _____

Exp Date (mm/yy): _____ CVC (3 or 4 Digit # on card): _____

Name on Card (please print): _____

Signature: _____

Amount Due:
\$ _____

To register by FAX or MAIL:

FAX: 814-353-9341

MAIL: 138 W. Bishop St., Bellefonte PA 16823

EMAIL: TRAINING@PRWA.COM

EMAILING REGISTRATIONS: EMAIL IS INHERENTLY INSECURE. CREDIT CARD INFORMATION SHOULD NOT BE EMAILED OR SENT IN AN ATTACHMENT.

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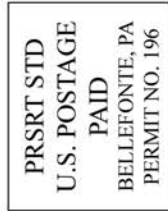
Signature shown on card

MEET THE INSTRUCTOR



Phil Giunta

Water and Wastewater Specialist



Phil joined PRWA in August 2018 as a Water and Wastewater Specialist. He began his career in Wastewater working for the Borough of West Chester in 1992 performing operation, maintenance and process control duties. Phil also worked in the contract operations field operating water and wastewater plants. He was previously the Assistant Superintendent at the Borough of West Grove. Phil currently holds a Class A Water License with subclasses 7, 8, 11, and 12, as well as a Class A & Class E Wastewater License with subclasses 1, 2, 3, and 4.

Basic Approach to Identification and Removal of Infiltration and Inflow / Collection System Troubleshooting



April 16, 2019

**Ford Cliff Volunteer Fire Hall
Armstrong County**

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pa rural water
Association

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