

**#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 24, 2019**

**Selinsgrove VFW Post 6631**  
940 US Route 522  
Selinsgrove, PA 17870  
**Snyder 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.

**Questions?**

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**Snyder County**

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Infiltration and Inflow / Collection System Troubleshooting

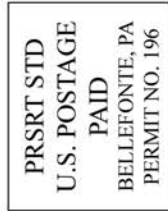
*Signature shown on card*

## 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



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Snyder County**

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*Association*

138 West Bishop Street  
Bellefonte, PA 16823  
800-653-7792

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**pa rural water**  
*Association*