



# NAWT

National Association of Wastewater Technicians

# NEWS



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A Quarterly Newsletter from the National Association of Wastewater Technicians

## NAWT Training Benefits Pumpers and the Environment

**Several training opportunities are available.**

### BASIC AND INSPECTOR TRAINING

Besides acting as the industry's voice at the national level, the purpose of the National Association of Wastewater Technicians is to disseminate information and act as a communication and education conduit. Consequently, NAWT developed a national certificate of completion program for inspecting onsite systems, incorporating the five management levels proposed by the U.S. Environmental Protection Agency. Over the past four years, more than 2,000 inspectors have passed the examination and more than 1,100 are registered on NAWT's Web site.

As part of the project, NAWT trainers conducted a "train the trainer" sessions in California, Texas and Iowa. The NAWT approach is used for continuing education programs in Arizona, Delaware, Ohio and New Mexico.

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### Bring NAWT Training to Your State

State groups desiring to host an education course should contact the NAWT office at 800-236-6298. Criteria for hosting an education course includes:

- Ability to obtain a minimum size group of 20-40 participants
- Locating a meeting room at reasonable cost, where persons can sit, schoolroom style. An example is a government training room, community center, or educational institution
- Lodging for participants under \$100 per/night with restaurants nearby
- Less than a four-hour driving distance to the location
- Providing additional mailing lists for use in marketing

### Learn from the best

Choose from over 100 sessions taught by some of the best and brightest in the industry. Three days of seminars, including opportunities for certification, begins with a jam-packed Education Day on Wednesday. (Continued on Page 3)



Plan to join your colleagues for the 2016 Onsite Wastewater Mega-Conference, October 26-29, 2016 at The Nugget Hotel Casino and Resort, Reno NV.

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**February 22-25, 2017**  
Indiana Convention Center

# Training **Benefits** Pumpers and the Environment

## OPERATION AND MAINTENANCE, PARTS 1 AND 2

As a member of the Consortium of Institutes for Decentralized Wastewater Treatment, or CIDWT, NAWT participates in developing standard educational materials that can be used nationwide. To date, the organization has written a University and Practitioner onsite wastewater treatment curriculum, and a comprehensive manual and training material on Operation and Maintenance. They also conducted train-the-trainer sessions on developing training courses and the use of the materials.

CIDWT training is conducted over four days, but NAWT's Board of Directors felt it was impractical for pumpers to be away from their businesses for that long. They also felt that it was important to incorporate field and hands-on experiences. Therefore, the training was split into two, two-day sessions. The first session covers operating and maintaining septic tanks, trenches, beds, mounds and at-grades. The second session covers aerobic tanks, single pass and re-circulating media filters. Both have in-the-field opportunities and an exam. Certified service providers will be listed at [www.nawt.org](http://www.nawt.org).

## VACUUM TRUCK TECHNICIAN TRAINING

This one-day course is for new owners and employees who operate vacuum trucks to clean septic tanks, aerobic treatment units, holding tanks or grease traps. It can also serve as a refresher course and overview for experienced operators. Training is done through presentations, videos, and hands-on training using a vacuum truck. The Pennsylvania Septage Management Association developed a train-the-trainer program so the course can be presented in your state or company. Vacuum truck technician training includes:

- Basic pump truck operation
- Materials to pump and avoid
- Reasons to manage these materials
- Pumps
- Basic science of vacuum and pressurization
- Truck equipment and components
- Drive and control mechanisms
- Basic and advanced pump-out skills and procedures
- Loading and unloading
- Safety and emergency response plans
- Customer interaction and education
- Manifests and reports
- Government regulations

### Membership Has Its Rewards

NAWT was founded to unify the voice of the onsite wastewater management industry, increase its professionalism and public image through education of the industry and the public, to develop and nationally represent members and partners, and encourage the industry to share ideas and concerns for the betterment of the environment and human health.

For more information, contact NAWT at (800)236-NAWT (6298), or visit [www.nawt.org](http://www.nawt.org), or email us at [info@nawt.org](mailto:info@nawt.org)



**ONSITE INSTALLER PROFESSIONAL TRAINING** This one-day course provides training and an exam to prepare for the National Environmental Health Association Certified Installer of Onsite Wastewater Treatment Systems credential exam. Topics covered are:

- Planning and site evaluation
- Installing sewage tanks
- Installing below ground systems
- Installing above ground systems
- Installing pumps and pump stations
- Installing media filters



## 8<sup>th</sup> Waste Treatment Symposium



### Why You Should Demonstrate at the NAWT's 2017 8<sup>th</sup> Waste Treatment Symposium

- **Expect 150+ Industry FOCUSED Individuals.** The audience consists of individuals considering treating the wastes they put in their trucks and those who are already treating septage and grease trap waste and are looking for updating their technologies.
- **A national audience** as historically we have had individuals from all four corners of the United States, Canada, Mexico, Guam, and the Caribbean.
- **An opportunity** for you to demonstrate your equipment using real septage and grease trap waste.
- **An opportunity** for you to present your technology in a generic fashion during the classroom presentations.
- **An opportunity** for you to present a **Case History** of a facility you were involved with.
- **Be included in NAWT Advertising** – published and website
- **Sponsorships Available**
- **Commit Soon** – the sooner you commit the more benefits you receive!

*The National Association of Wastewater Technicians (NAWT) invites you to showcase your services at our 8<sup>th</sup> Waste Treatment Symposium on Wednesday August 23 and Thursday August 24, 2017. The location of the symposium will be at the Doubletree Convention Center at 101 Mall Boulevard | Monroeville, PA*



The **WWETT** Show has the largest display filled with the latest in products and technologies in the environmental service industry. Spanning more than 540,000 square feet at the Indiana Convention Center, you'll find everything from septic system components and trailers to portable sanitation units and industrial sewer equipment.

Products and service categories you will see at the show include:

Septic Pumping	Onsite Installation
Portable Sanitation	Dewatering
Grease Handling	Sewer Cleaning
Laterals & Mainlines	TV Inspection
Pipeline Rehab/CIPP	Water blasting
High-Pressure Cleaning	Safety Equipment
Confined Space	Lift Station Maintenance
Computer Software	Industrial Vacuuming
Hydro excavation	Utility Location

### Visit NAWT at the WWETT Expo

Please stop by **Booth # 134** at the WWETT Expo exhibit hall in Indianapolis at the Indiana Convention Center. We will have information about NAWT and how you can get involved. The NAWT Board and staff look forward to seeing you!



## Submit Nominations for the Excellence in Service Award

- Liaisons from NAWT-affiliated organizations who have personal knowledge of the accomplishments of the nominee.
- Nonmembers may make recommendation through any NAWT member or liaison

Who can be nominated?

- Anyone who meets the nomination criteria
- Past non-winning nominees

When to submit nominations:

- All nomination forms must be received by or postmarked Nov. 1 of each year. Any applications received after the deadline will be placed on file for the next calendar year.
- All post-deadline nominators will be notified of this fact and given further instructions.

Documentation required:

- An Excellence in Service Award application form, which can be obtained by:
  - Calling the NAWT office at 800-236-6298
  - Emailing [info@nawt.org](mailto:info@nawt.org)
  - Downloading from the NAWT website at [www.nawt.org](http://www.nawt.org)
- A nomination letter explaining why the nominee should be considered for the Excellence in Service Award based on the award criteria and signed by the nominating individual.
- An additional signed endorsement letter to vouch for the nominee's achievements may be included, but is not required.
- Submit the application packet to the NAWT office marked ATTN: Excellence in Service Award Committee via:
  - Email to [info@nawt.org](mailto:info@nawt.org)
  - U.S. mail addressed to NAWT, 2800 W. Higgins Rd; Suite 440, Hoffman Estates, IL 60169



## **2016 Onsite Wastewater Mega-Conference**

The conference is hosted by NOWRA and NAWT. Conference co-hosts include: AzOWRA (Arizona Onsite Wastewater Recycling Association), COWA (California Onsite Water Association), CPOW (Colorado Professionals in Onsite Wastewater), FOWA (Florida Onsite Wastewater Association), POWRA-NM (Professional Onsite Wastewater Reuse Association of New Mexico), and UOWA (Utah Onsite Wastewater Association).

In addition, SORA (State Onsite Regulators Alliance) will hold their Annual Meeting during the Mega-Conference

Highlights:

- Dozens of concurrent education sessions and poster sessions
- NAWT Operations & Maintenance Training Course
- Business Owners Track



## Submit Nominations for the Excellence in Service Award

It is the time of the year to remind everyone to prepare nominations for the next National Association of Wastewater Technicians Excellence in Service Award. This is your opportunity to recognize someone that you have noticed goes beyond the ordinary. This is an opportunity to recognize our peers for all their hard work and service. The award is presented annually at the state association breakfast during the Water & Wastewater Equipment, Treatment & Transport show (WWETT) just before presentation of the Ralph Macchio Lifetime Achievement Award. The 2017 breakfast will be held on Friday, February 24, 2017 in Indianapolis.

The NAWT Board established the Excellence in Service Award in 2010 as an update to the former Man of the Year award. Establishment of this award reflected the changing industry and provides the opportunity to recognize any individual or company the NAWT board feels has exhibited exceptional service to the wastewater profession. The nomination criteria and instructions are provided below. Nominations should be submitted by November 1, 2016.

### Basis for Award

To recognize a NAWT member or NAWT-sponsored individual or company that has shown exceptional accomplishments in their service to the community and to the wastewater profession.

### Nomination Criteria

The Excellence in Service Award is based on one or more of the following criteria:

- A significant contribution to the wastewater profession and/or to NAWT
- Commendable service during a significant community or national event within the last several years

- Additional responsibilities that resulted in a benefit to the community or wastewater industry
- Actions performed above and beyond the call of duty
- Provided inspiration to others
- Exhibited exceptional leadership

### Nomination Instructions

Who can nominate?

- NAWT members in good standing with personal knowledge of the accomplishments of the nominee.

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## **Vacuum Truck Technician Training is available ONLINE**

The training program is targeted specifically at owners and employees who operate a vacuum truck to clean septic tanks, aerobic treatment units, holding tanks or grease traps. It starts with the very basics of operation. This makes the program very good for new employees or people just starting in the business to learn the tricks of the trade relative to safe vacuum truck operation. At the same time, it offers a good refresher and overview for experienced operators.

Upon signing up for the course, the registrant can download a manual to be used during the course or, for an additional fee, order a bound version from the NAWT office. Included in the course is a series of study questions for each Chapter. The exam is based on the materials presented and the study guide. After passing the test, the student will receive an electronic certificate of completion and recognition of the number of student continuing education credits which is 6 CEU's. The certificate and credits may then be used toward other continuing education requirements. Cost for the online program is \$200 per person, there will be no additional charge from Prometric for those taking the exam. By putting this program online NAWT hopes its use will become more widespread. Offering it in this format will significantly reduce the cost of attendance.

### Topics of instruction include:

Materials to pump and avoid  
Government regulations  
Truck equipment and components

Drive and Control mechanisms  
Loading and unloading  
Safety and emergency response plans

Customer interaction and education  
Reasons to manage these materials  
Basic Pump Truck Operation



# 2016 Onsite Wastewater Mega-Conference (Continued from Page 4)

## Wednesday, October 26, 2016

8:00 AM	2:00 PM	NOWRA Board of Directors Meeting, <i>Genoa</i>
1:00 PM	6:00 PM	Exhibitor Move-In, <i>Rose Ballroom</i>
2:30 PM	3:30 PM	NOWRA Lobbying Board of Governors meeting, <i>Tahoe</i>
3:30 PM	5:00 PM	NOWRA Technical Practices Committee, <i>Carson</i>
4:00 PM	6:00 PM	NOWRA State Affiliates Meeting, <i>Washoe</i>
6:00 PM	8:00 PM	Welcome Reception, <i>Rose Ballroom Lobby</i>

## Thursday, October 27, 2016

8:00 AM	8:20 AM	Conference Welcome, Greg Graves, NOWRA; Eugene Bassett, NAWT
8:20 AM	9:00 AM	EPA's Office of Wastewater Management and Decentralized Wastewater, Dr. Andrew Sawyers
9:00 AM	9:40 AM	What To Do About the Shrinking Base of Universities Programs Providing Decentralized Wastewater Education, Dr. Robert Siegrist
10:00 AM	10:40 AM	Accelerating the Adoption of Onsite Water Reuse in Urban Water Systems, Paula Kehoe
10:40 AM	11:20 AM	Dr. George Tchobanoglous
11:20 AM	11:50 AM	Update on NOWRA's Advocacy Efforts, Tracy Hammond
11:50 AM	7:00 PM	Expo Hall Opens - NOWRA National Backhoe Roe-D-Hoe® Open, <i>Rose Ballroom</i>
11:50 AM	1:20 PM	Lunch Provided in Expo Hall, <i>Rose Ballroom</i>

## Friday October 28, 2016

8:00 AM	1:30 PM	Expo Hall Open, <i>Rose Ballroom</i>
8:00 AM	1:30 PM	NOWRA National Backhoe Roe-D-Hoe® Competition. Open Competition 8:00 AM - 12:00; Finals Noon - 1:30 PM, <i>Rose Ballroom</i>



### Upcoming Training

#### ARIZONA NAWT Inspection Training & Workshop

August 29-30, 2016

Casa Grande, AZ

Instructor: Kitt Farrell- Poe

Contact: Bernadette Capossela - bcaposse@email.arizona.edu - Tel: 520.621.3691UA/NAWT Soil & Site Evaluation for Onsite Wastewater Systems

October 6-7, 2016

Lake Havasu City, AZ

Instructor: David Gustafson, P.E. & Dan Wheeler

Contact: Aaron Tevik – atevik@email.arizona.edu - Tel: 520.621.3691