



NAWT

National Association of Wastewater Technicians

NEWS

President's Message

Dear NAWT Members:

It is an honor and a privilege to serve as the President of the National Association of Wastewater Technicians (NAWT). I want to thank all the members for their continued support of NAWT and for the opportunity to serve our association to the fullest. The association is celebrating 32 years of success and continues to prosper into 2019.

As a professional in the field, being a part of this association has allowed for personal and professional growth. The multi-disciplinary platform offered by NAWT has continued to grow and expand beyond the US and Canada with members from Guam and the Caribbean.

Going into the 2019, we are proud to announce that the NAWT database will be upgraded with personalized profiles for our members with up to date information in our profession and access to additional online trainings. In addition, State Association members will be able to provide easier online training renewal for their members and participants. I'm looking forward to seeing our State Association members at the 2019 State Association Breakfast on Friday, February 22 at 2019 WWETT in Indianapolis, IN in room 108 of the Indian Convention Center from 7:30am-9:30am.

In closing, it is with great pleasure that I welcome the 2019-2020 Slate of Candidates for the Board of Directors. They are the heart and soul of this association and it is an honor to introduce them:

President

Bruce A. Fox

Secretary

Tom Ferrero

Past President

Eugene Bassett

Vice President

Kimberly Seipp

Treasurer

Jeff Rachlin

With my warmest regards and respect,

Gene Bassett
NAWT President

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State Association Breakfast

On Friday, February 22, at 7:30 am, at the Indiana Convention Center Room 108, there will be the state association breakfast sponsored by COLE Publishing. During this time COLE Publishing will present the Ralph Macchio Lifetime Achievement Award. NAWT will present the annual Excellence in Service Award, and a college student will be awarded the William Hapchuck Memorial Scholarship. Come by, have a free breakfast and take part in the award recognition and discussion.



SepticSmart Week 2019

Mark your calendar for SepticSmart Week 2019:

September 16-20, 2019

This annual event is focused on the education of homeowners and communities on the proper care and maintenance of their septic systems.

Below are examples available for you to reuse to help get the word out!

- [CLICK HERE](#) to download a Proclamation from a Governor. (DOC)
- [CLICK HERE](#) to download a Proclamation from a Mayor. (DOC)
- [CLICK HERE](#) to download a Proclamation from a Community. (DOC)

Please modify the text rather than simply copying and pasting.

[Click here to learn more](#)

Hapchuk Memorial Scholarship Past Recipients – Where are they now...?

Alex Nolan, Colorado | 2018 Recipient

"The scholarship helped my financial situation such that I could remain in Boulder over the summer and pursue research. I was able to be involved in a research project with the California Association of Sanitation Agencies using dead pine trees to produce biochar (a cheaper alternative to activated carbon) in an attempt to make an incentive to mitigate wildfire damage. The biochar filters were used in domestic wastewater applications for gas phase odor reduction.

I experimented with optimizing the biochar to perform as best as it could by altering parameters of the biochar production process. The recommendations I gave CASA will be implemented in filter production sometime in 2019.

Thank you again for the scholarship. It really helped me along in my pursuit of my academic goals!"



Emily Cunis, Florida | 2017 Recipient

"I am currently working for Walt Disney World as a Professional Intern after I graduated May 2018 with degrees in Biomedical Sciences and Environmental Health. I graduated debt free (yay!) because of scholarships like the one I received from NAWT.



Currently at Walt Disney World I am working in Epcot completing Occupational Health and Safety work. Some projects that I have worked on are Risk Assessments, ergonomics, noise surveys and fall protection. I don't only focus on safety work in the parks though. Today I actually walked the wastewater treatment plant for Walt Disney World and looked at some safety concerns that the employees face. When my one-year internship with Disney World is completed in June I will be looking to pursue a career in public health and safety."

[Click here to learn more and to apply for the 2019 Hapchuk Memorial Scholarship](#)

NAWT Pumping Code of Practice

Safety

At all times, the technician's personal safety, as well as protection of the environment and the customer's property, shall receive the highest priority. Generally, the tanks should not be entered as they are a hazardous environment. If entry is required, appropriate confined space entry procedures consistent with OSHA requirements should be employed.

Accessing Tanks

Tanks shall ONLY be pumped from/through the manhole/access port of each tank or tank compartment. Tanks shall NOT be pumped from/through the observation port. If the customer insists upon the tank being cleaned through any opening other than the access manhole, the customer shall be required to sign a waiver acknowledging the fact that he has been informed of the proper procedure and the reasons associated with that procedure. No liquids or solids are to be discharged into/through the outlet pipe.

Tank Cleaning

The liquid, solid, and semi-solid material in a treatment tank is removed by a vacuum or centrifugal pump fitted with a hose which delivers the material to a truck-mounted, sealed tank. Cleaning procedures should include agitating all solids, but only after lowering the liquid level to 12 inches below the outlet. This is necessary to insure no solids can escape the treatment tank. Agitation methods vary, and may include alternate pumping and back flushing, forcing air into the tank, or mechanical stirring. When back flushing or injecting air, care shall be taken NOT to fill/refill the tank to a level greater than 12" below the elevation of the outlet pipe. Tanks shall be deemed to be clean when all organic solids are removed and the total average liquid depth remaining in the tank is between 1" and 3". When using equipment that is specifically designed and operated to remove the material from the treatment tank, separate the solids and the liquids, and return the liquids to the tank, the following additional conditions must be met. The liquid discharged to the treatment tank must have a TSS (Total Suspended Solids) of 400 ppm or less, and the volume of returned liquid must be less than the volume of the treatment tank (measured to the invert of the overflow pipe) so as not to have liquid overflow into the absorption area.

Standard Services

Every pump-out shall include a visual inspection of the interior of the tank. The inspection shall include a determination regarding the presence of baffles and their condition as well as the physical condition of the treatment tank. Observations of any unusual conditions such as high or low liquid level, run-back from the absorption area, defective or broken components, missing or broken observation port(s), lush vegetation, and/or sewage overflows should be reported to the customer. During system maintenance it is advisable to observe sewage flows from the building into the tank. Corrective action for obstructions should be recommended. Any unsatisfactory conditions should be noted on the sales slip or receipt. Future maintenance frequency should be communicated to the customer at the time of service.

Additives

NAWT has no position on the use of chemical or bacterial additives for treatment tanks as the research on this is inconclusive. Local, State, and Federal Laws and Regulations. At all times, and in all phases of operations, pumper businesses and equipment operators shall comply with all laws and regulations regarding the activities associated with onsite wastewater system maintenance and disposal of materials removed therefrom.

Reports

Where the municipality requires documentation of pump-out and tank and site conditions, the pumper shall not be prevented by the customer from complying with municipal requirements. A copy of the report sent to the municipality shall also be provided to the customer.

Responsibility

While NAWT has adopted this Code of Practice as a recommended standard it accepts no responsibility for the actions of any individual regarding this standard. It is the responsibility of the contractor to give ethical and professional services to its customers and the responsibility of the customer to assure quality control.



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NAWT Training at WWETT 2019!



NAWT is proud to be a part of the WWETT Show “Best-in-Class” Education from February 20-22, 2019.

With over 100 sessions spanning three days and will be covering a wide variety of industry and professional topics.

NAWT is set to provide five (5) sessions on Wednesday that focus on dealing with starting your own processing plant. NAWT will also be offering an Operation & Maintenance Training course on Friday, February 22nd.

Topics included on Wednesday’s sessions include:

- **All The Other “Stuff” You Need (for a waste processing plant).** - Attendees will learn that there are many peripherals needed to complete the treatment process. Such items as screening and grit removal, tankage, mixing, chemical conditioning, and odor control will be discussed in detail.



DON'T FORGET TO STOP BY BOOTH #136 AT THE EXPO HALL AND SAY HI!

- **Analyzing Your Resources (to Start Your Own Processing Plant)** – *This session will introduce the concepts of how to get creative and think outside the box for the purposes of building, siting and assembling the “Team of Professionals” needed to build their own waste treatment processing plant.*

- **Lets Get Started – Steps to Make Your Processing Plant a Reality** – *Now we will put what the attendees have learned in our previous sessions together in a business plan with encouragement to ‘Get’er done!’*

- **The Heart of the Matter – Dewatering Options** – *In this session, all reasonable dewatering options will be presented giving attendees information they need to help answer the question “What is the best dewatering device for me?”*

- **What To Do With Water and Solids** – *Since the basic concept of the waste treatment process is to separate the liquids and the solids, attendees will learn the many options available for the final deposition of these materials.*

NAWT Operation & Maintenance | Professional System Technician

This course is the introduction to providing Operations and Maintenance services for Onsite Wastewater Treatment Systems (OWTS). There are my aspects of OWT Systems that are misunderstood or undervalued by homeowners and practitioners in the industry.

This class will be held on Friday, February 22nd.

[To register for any of these sessions or learn more, click here to visit the 2019 WWETT Website](#)

NAWT 2019 Training Schedule

- **Inspector Training**
January 28-29, 2019 | Tucson AZ
Contact: atevik@cals.arizona.edu
- **Operation & Maintenance 1**
January 10-11, 2019 | Greenwood Village, CO
Contact: cpow@cpow.net
- **Inspector Training**
January 17-18, 2019 | Frisco, CO
Contact: cpow@cpown.net
- **Operation & Maintenance 2**
February 7-8, 2019 | Greenwood Village, CO
Contact: cpow@cpown.net
- **OWTS Design Class**
March 7-8, 2019 | Durango, CO
Contact: cpow@cpow.net
- **Intro to Design**
May 13-14, 2019 | Location: tbd in AZ
Contact: atevik@cals.arizona.edu
- **Inspector Training**
March 29-30, 2019 | San Marcos, TX
Contact: rets@rets-llc.com
- **Site & Soils**
May 23-24, 2019 | Alamosa, CO
Contact: cpow@cpow.net
- **Inspector Training**
May 30-31, 2019 | Gunnison, CO
Contact: cpow@cpown.net
- **Installer Training**
September 20, 2019 | Gunnison, CO
Contact: cpow@cpow.net
- **Installer Training**
October 11, 2019 | Location: tbd in CO
Contact: cpow@cpow.net
- **Installer Training**
October 25, 2019 | Location: tbd in CO
Contact: cpow@cpow.net
- **Site & Soils Evaluation**
October, 2019 | Location: tbd in AZ
Contact: atevik@cals.arizona.edu
- **Inspector Training**
September 13-14, 2019 | Arlington, TX
Contact: rets@rets-llc.com

Courses are updated throughout the year, visit www.nawt.org for the most up-to-date information



Need Training in Your State?

You may now request to bring NAWT training to your state or host a NAWT Training.

Below are some requirements for hosting a NAWT Training:

- Must be in a class-room setting
- Participation should be between 10-15 attendees
- Provide NAWT Executive Office with 8 weeks minimum notice
- Schedule and provide NAWT with roster of attendees 10 days prior to course.

Please contact our Executive Office with any questions via email: info@nawt.org or [click here](#) to request a class online.

Classes can be scheduled for US or Canada.