



WWNS NEWS

Waste Water Nova Scotia
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December 2022

For the latest of happenings at WWNS, read on...

MESSAGE FROM THE CHAIR

Once again our construction season is coming to a quick closure and everyone seems to be working diligently to get the last systems installed before the freeze up begins. I hope everyone had a safe and prosperous season.

Over the past 2 years, Covid brought a great increase in immigration to Nova Scotia which resulted in a major housing boom and an increase in the number of onsite sewage systems being installed in the province. Unfortunately, this coincided with the challenges of inflated prices for materials and diesel and shortages in materials and labour.

The number of systems being installed has been increasing with sloping sand filters being the most common system used for new installs and repairs. Much anticipated selection tables for sloping sand filters developed by NSECC became available at the beginning of the 2022 construction season.

WWNS is returning to a normal schedule of regional meetings across the province in January and February and planning for a Septic Pumping Expo and Annual General Meeting in Truro this coming April. As usual, any suggestions for content are always welcome.

I would like to wish all of you and your families a very Merry Christmas and hope that you and your families are able to safely celebrate and that you all have a very safe and prosperous New Year!

Eric Morse, P.Eng., NSLS.
Chairman, WWNS

With this Issue:

2023 WWNS Membership Application

http://wwns.ca/resource/WWNS_membership_form_2023.pdf

2023 Regional Meeting dates and registration form

http://wwns.ca/resource/2023_Installer-QP_Regional_Meeting_Reg_Form.pdf

ECC On-Site Services Program

As usual, contact your local NSE office for any file specific concerns or questions on the Onsite Program. For any general questions, Stefan Furey can be reached at Stefan.furey@novascotia.ca.

Environment and Climate Change (ECC) update

Changes to CSA Standard B66

In 2021, CSA updated CSA Standard B66: Design, material, and manufacturing requirements for prefabricated septic tanks and sewage holding tanks. One of the changes includes a secondary safety device on access openings.

When risers above the tank access opening are provided, the manufacturer shall construct the tank in such a way that all joints between the tank access opening and the risers, as well as between all riser sections, are watertight. All access openings (which are meant to be removed) over chambers with an opening greater than 200 mm in diameter, where there is a risk of accidental entry, shall have a secondary safety device that can withstand 91 kg of dead load.

The On-site Sewage Disposal Systems Regulations require tanks to be watertight and to be selected or designed in accordance with the On-site Sewage Disposal Systems Standard. Section 6 of the Standard states that a septic tank, holding tank, and effluent chamber must have been certified as meeting, or as being equivalent to, CSA Standard B66.

Based on these requirements, starting in 2023 all tanks and chambers installed in Nova Scotia for an on-site sewage disposal system will be required to have a secondary safety device in risers as per the updated CSA B66 Standard. This applies to new notifications and approvals received after January 1, 2023 and is not retroactive to already installed tanks.

Working in Public Works Right of Way

Sometimes in a malfunction replacement a portion of the new system may need to be constructed in the right of way belonging to the Department of Public Works. ECC and Public Works have a memorandum of understanding that defines their own roles when this is necessary.

This MOU does not remove the requirement to obtain a "Work Within Highway Right of Way Permit" when working within a Public Works right of way.

A permit is required prior to constructing any portion of the system.

WWNS Meetings for 2023

Regional Meetings

WWNS plans to return to our regular meeting schedule for 2023 with Regional meeting being held throughout the province in January and February for Installers, Qualified Persons and Professional Engineers. A registration form with list of meeting dates and locations is included with this newsletter.

Please select a date and location that work for you and return the form to WWNS at your earliest convenience. **Pre-registration** is necessary to ensure there is adequate seating available as space is limited at some venues.

Please note that the location/venue for some meetings has changed from previous years.

Pumper Expo / Annual General Meeting and Trade Show

The Pumper Expo and Annual General Meeting will be held on April 14 & 15, 2023 at the Best Western Glengarry in Truro. Details and Registration info will be included in the February Newsletter

WWNS Membership 2023

Membership renewal for 2023 is included with this newsletter. Current members in WWNS have their contact information displayed on the Members listing on the WWNS website and are credited with 10 professional development points. AN application form can be found at http://wwns.ca/resource/WWNS_membership_form_2023.pdf

WWNS Board of Directors

Your current Waste Water Nova Scotia Society Board of Directors are:

Eric Morse, Chair, Kings, Annapolis

Derek MacIsaac, 1st Vice, Halifax, Hants

Arthur Backman, Shelburne, Queens, Lunenburg

Tom Curry, CB Island, Guysborough, Antigonish

Jonathan Lepper, Cumberland, Colchester and Pictou

Steve Meuse, Digby, Yarmouth

David Roy Halifax, Hants

Darrell MacKenzie and Mark Jodrey, representing the Septic Tank Cleaners and Portable Restroom Operators for the province.

The contact information for Board members can be found in the “Contact Us” section of the WWNS website at <http://wwns.ca/contact.php> should you have any comments or issues.

Home Owners Guide to Septic Systems Booklet

The booklet “A Homeowners Guide to Septic Systems” has been updated and copies are available. If you are interested in receiving copies, please contact the WWNS office.

WWNS 2022 Bursary Program

WWNS offers three annual awards to support students with an interest in on-site wastewater systems. At the April 2022 Annual General Meeting, the Bursary amount was increased to \$2000 per student.

We would like to thank everyone who applied this year and encourage those who have not yet received an award to please apply again next year.

Congratulations to 2022
Bursary recipient Adam Blair!

Adam is a 5th year Civil
Engineering student at
Dalhousie University.



Adam Blair

Congratulations to 2022 Bursary
recipient Dakota MacDonald

Dakota is a 1st year Bachelor of
Science in Psychology student at
Acadia University working.



**Dakota MacDonald and WWNS Board Member
Derek MacIsaac**

Congratulations to 2022 Bursary
recipient Parker Flynn.

Parker is enrolled in the Heavy
Truck and Transport Repair
program at the Stellarton
Campus of NSCC.

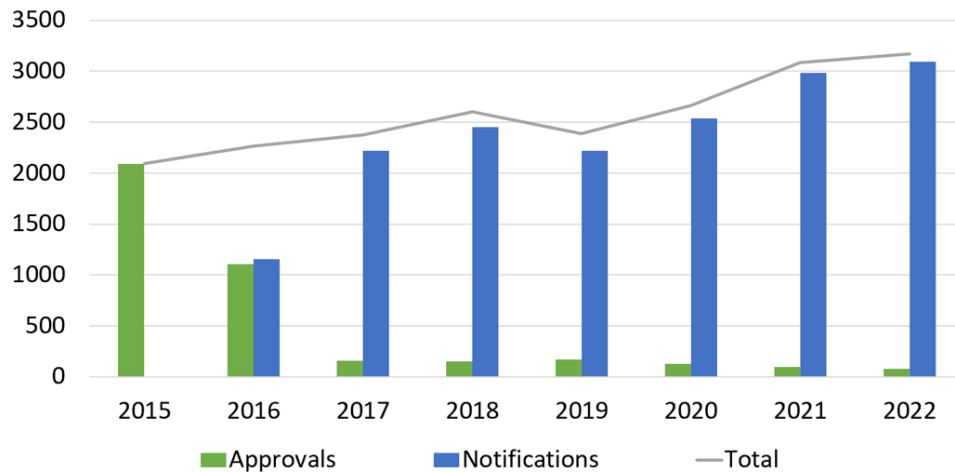


Parker Flynn

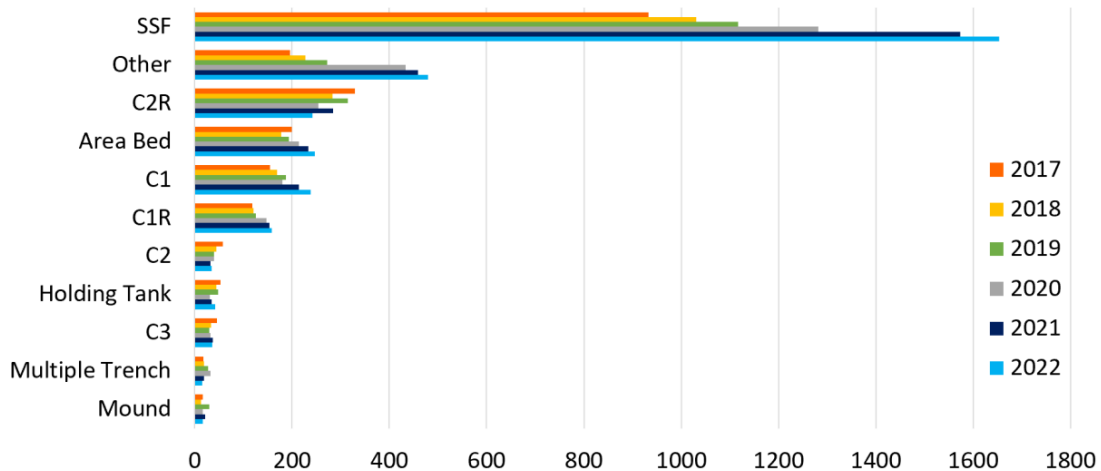
System Applications

In mid-2016, the Notification process was implemented in Nova Scotia. Tables below show the number of Approvals versus the number of Notifications over that time period as well as the type of systems being used.

System Applications



System types



On-Site Sewage Program Tidbits

1. New On-site Sewage Regulations can be found at <http://www.novascotia.ca/just/regulations/regs/envsewage.htm>
2. On-Site Sewage disposal Systems Standard can be found at <https://novascotia.ca/nse/wastewater/On.site.Sewage.Disposal.Standard.asp>
3. A list of Certified people can be found on NSE's website at <https://www.novascotia.ca/nse/cms/search.asp>
4. Please visit the WWNS website to check your Professional Development Point totals. Members of WWNS should verify that their contact information displayed on the Members Page is correct.