



**Waste Water Nova Scotia**  
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June 2022

*for the latest of happenings at WWNS, read on....*

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Annual Report of the Chairman  
Waste Water Nova Scotia  
April 23, 2022

Over the past year, WWNS and its Board of Directors continued to work hard to ensure the professionalism of your industry. Some of the things we have been involved in are as follows:

1. **Delivery of Meetings:** WWNS suspended the Septic Pumping Expo and Annual General Meeting in 2020 and 2021 as well as Regional Meetings in 2021 and 2022 as we dealt with the challenges of Covid. Going forward, we are hopeful that we can return to a somewhat normal schedule for meetings. To allow for additional opportunity to collect the Professional Development Points associated with these meetings, the province has extended the length of each PDP cycle by one year.

As outlined in past meetings, WWNS is looking for persons interested in developing educational content for the Professional Development Program. If you are interested, please contact WWNS.

2. **Participation in the Home Show:** After a 2-year break, the Spring Ideal Home Show was back at Exhibition Park this past March. WWNS participated with an educational booth to educate the public at large regarding on-site services and promote using Certified Professionals to provide these services across the province. Special thanks to David Roy for watching over the display.
3. **Training:** During 2021, there continued to be a great demand for training within the industry. Working around Covid restrictions and delays, 3 Installer and 1 Qualified Person courses were held with 59 applicants attending the Installer training course and 14 applicants attending the QP training course. A number of Septic Pumpers, Portable Restroom Operators and Bed Flushers wrote online exams to obtain their certification.
4. **Newsletter:** WWNS compiled and distributed several newsletters to members over the past year. The purpose of the newsletters is to keep industry informed on what is going on and to solicit feedback from industry on any concerns seen within the industry.

5. **Bursary Awards:** WWNS awarded 2 of the 3 Educational Bursaries in 2021. In hopes of increasing interest in the Bursaries, the amount for each Bursary will be increased from \$1000 to \$2000 for 2022. Applications must be received by August 15<sup>th</sup> each year.
6. **Sloping Sand Filter Selection Tables:** WWNS continued to support NSE as they work towards development of tables for selectable sloping sand filters.
7. **WWNS Board of Directors and Executive Director:** Over the past year your Board of Director's and your Executive Director continued to work in your best interest and have provided me with the support to carry out my job as Chair of WWNS. To all of them a hardy Thank-you. We continue to strive for the betterment of the industry and protection of the public and environment but it takes a great effort by all. Involvement of the membership is imperative to continue to move forward with positive changes. Your suggestions and ideas are all welcomed so please get involved.

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

### **Waste Water Nova Scotia's AGM Online Spring Meeting**

WWNS held our Annual General Meeting on the morning of April 23. The meeting was available over Zoom as well as at several sites around the province for in person meetings.

The meeting was recorded and is available for viewing through the Dropbox link below. The video may open up with a preview and you will need to download the video to view the entire meeting.

<https://www.dropbox.com/s/87ewmkgp9q4r1v7/Waste%20Water%20Video.mp4?dl=0>

Anyone collecting PDP points will need to submit the form to confirm that you have watched the presentation and wish to be credited with the 25 points. The form is available in the resources section of the website or through the link below.  
[http://wwns.ca/resource/2022\\_Meeting\\_Attendance\\_Form.pdf](http://wwns.ca/resource/2022_Meeting_Attendance_Form.pdf)

Minutes for the AGM are attached to this newsletter.

### **Board of Directors**

After a number of years on the Board of Directors, **Emery Peters** has stepped down from the Board. Emery was an active Board member and we would like to thank him for his contribution during his time on the Board.

WWNS would also like to welcome **Derek MacIsaac** as the new Board member for Halifax/Hants and look forward to having him join us at the table.

## **Selectable Sloping Sand Filter Tables**

As of June 01, 2022, Sloping Sand Filters are available for selection by Qualified Persons and Professional Engineers. The tables are available in Appendix A of the Standard and the Diagram for Selectable Sand Filters is available in Appendix D.

<https://www.novascotia.ca/nse/wastewater/On.site.Sewage.Disposal.Standard.asp>

## **Updated Certificate of Installation Form**

The Certificate of Installation Form has been updated and is available on the NSE website at <https://www.novascotia.ca/nse/water/docs/Onsite-Sewage-Certificate-of-Installation.pdf>

## **Installer and Qualified Person Training**

If you are interested in Installer or Qualified Person training, please submit the Training Information form (found on the website at <http://wwns.ca/training.php>) or contact the WWNS office. Qualified Person training will be available this summer (July / August) and the next Installer training course will be offered in the fall.

## **2022 Membership Renewal**

The listing of members on the WWNS website automatically resets at the end of April. As of May 1<sup>st</sup>, the listing will only include those people who have renewed their membership for 2022.

If you have not renewed your membership already, you may still do so. Please include the membership application with your payment so that the payment can be applied to the correct person.

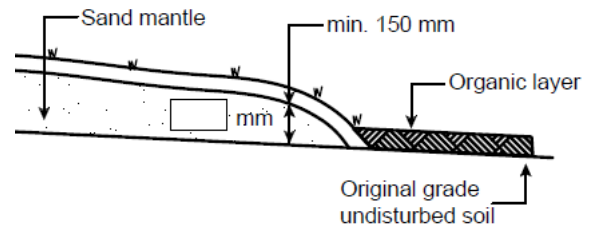
2022 WWNS Membership applications are available in the Resources section of our website at [http://wwns.ca/resource/WWNS\\_membership\\_form\\_2022.pdf](http://wwns.ca/resource/WWNS_membership_form_2022.pdf).

## **Update from Nova Scotia Environment and Climate Change (ECC)**

### **Amendments to the On-site Sewage Disposal Systems Standard**

- The On-Site Sewage Disposal Systems Standard was amended with an effective date of June 1, 2022. The Standard now allows for the selection of sloping sand filters. The selection tables are included in Appendix A and the associated schematic is in Appendix D. Training sessions for Qualified Persons were held in May prior to the Standard coming into effect. If you are a practicing Qualified Person who plans to do sloping sand filter selections and did not have an opportunity to participate in a session, please contact [onsite@novascotia.ca](mailto:onsite@novascotia.ca). The certification course will be updated to include material on sloping sand filter selection for new applicants.
- The amendments further clarify that Qualified Persons can only select systems that do not service a multi-residential unit or multiple dwellings.

- The Standard requires system that are selected or designed to be constructed at grade and keyed into the organic layer. In the case of some malfunction replacements this may not be possible. The toe may need to be constructed below grade. As the system must be unsaturated to work a drain would be required. Under Section 69 of the Standard a **Professional Engineer** can design a sloping sand filter used in a malfunction replacement that include a drain for this purpose. Full basal area is required in addition to some other considerations. The onus will be on the engineer to ensure this discharge does not lead to an increase in adverse effect.



- Additional information, including a sloping sand filter section example and other information on the changes will be added to our website soon. The website can be found at:

<https://novascotia.ca/nse/wastewater/on.site.sewage.disposal.asp>

### Septic Tanks and CSA B66

- Septic tanks installed in Nova Scotia must be watertight and must be certified as meeting, or as being equivalent to, CSA Standard B66 “Design, material, and manufacturing requirements for prefabricated septic tanks & sewage holding tanks.”
- CSA Standard B66 has been updated to include a secondary safety screen in the risers of the tank. This was discussed at the WWNS AGM. CSA has allowed a transition period for tank suppliers to address the change. This CSA Standard change will take effect in January 2023.
- ECC will be reaching out to tank suppliers in Nova Scotia over the summer to make them aware of the changes and confirm their ability to meet the updated CSA B66 Standard.

### Certificates of Installation

- Certificates of Installation (COIs) are an important document for the on-site program and are required by regulation.
- The form has recently been modified to include the installation date of the system. The COI is required by regulation to be submitted no later than 15 days after completion of the system.
- The COI is the as-built for the on-site system. At a minimum, the system plan must include all the items referenced on the form. Hand drawings are permitted but must be of a quality that will allow the lot owner to locate the system easily and accurately in the future.

## **Waste Water Nova Scotia 2022 Annual General Meeting**

### **Business Meeting Minutes**

- Meeting called to order at 10am Saturday April 23.
- Regrets received from Chairman Eric Morse.
- Chairman's Report delivered by Executive Director Gary Cameron
- Motion to approve minutes from 2019 AGM made by Paul Sinclair and seconded by Floyd Tattrie. Motion carried.

### **Financials**

- Financial report for 2019-2020 presented by Gary Cameron. Paul Sinclair asked about investing surplus funds. Motion to approve report made by Gerald Spencer and seconded by Joseph Conway. Motion carried.
- Financial report for 2020-2021 presented by Gary Cameron. Motion to approve report made by Gary Steele and seconded by Paul Sinclair. Motion carried.
- Financial report for 2021-2022 presented by Gary Cameron. Motion to approve report made by Blois Burns and seconded by Andrew Naugler. Motion carried.
- MacDonald & Murphy Inc approved as Auditors for 2022-2023.

### **Election of Directors**

- Three Board of Director seats open for election. Emery Peters not reoffering for Halifax seat. Derek MacIsaac nominated by David Roy for Halifax/Hants seat and installed by acclamation. Tom Curry (Cape Breton, Guysborough & Antigonish) and Mark Jodrey (Pumper/PRO) reoffered.

### **PDP Program**

- Professional Development Points (PDP) Program Reviewed. Current cycle extended by one year.

### **Bursaries**

- Two bursary recipients for 2021 – Joseph Bishop & Cody Lewis. Bursary to increase to \$2000 each for 2022. Suggestion by Paul Sinclair to increase number of Bursaries.

### **Update from NSECC**

- Stefan Furey (ECC) presented upcoming changes to Standard including tables for Sloping Sand Filter Selection
- Discussion was held on malfunction reporting form

Recording Secretary  
Gary Cameron