

North 43 Lagoon

Wastewater System – Steps to Connect

Revised: February 12, 2024

Steps to Connect to the North 43 Wastewater System

There are important mandatory requirements that all homeowners must be aware of prior to having your wastewater pumping system connected to the North 43 Wastewater System. It is the responsibility of each individual homeowner to install an approved pumping system.

The North 43 Lagoon Commission charges a \$50.00 application processing fee to connect to the Wastewater System.

Steps to connect your sewage pumping system to the North 43 Wastewater System:

1. Review the required components and recommendations as provided in the North 43 Lagoon Information Package.
2. Determine which option that you wish to proceed with. Suggest consultation with a licensed plumbing installer to determine the best option for your situation.
 - a. It is recommended to use a licensed installer (see www.aowma.com).
3. Determine the location of the service stub on your property. If you are not aware of the location, contact your Chief Administrative Officer (“CAO”) for details.
4. Receive one or more quotes from a licensed plumbing installer to supply and install the homeowner portion of the system.
 - a. The quote should include any electrical work, by a licensed electrical installer, if required.
 - b. Review and understand any timing constraints on the quote, and that the cost of the plumbing, electrical, and Lac Ste. Anne County application processing fee (see item # 6c below.) is included in the quote.
 - c. Review and understand the warranty of the installation and of the equipment.
 - d. Review and understand the frost mitigation components that will be installed, and if a second pump chamber is installed to your primary tank, that a T valve and extension is added in your primary tank (See Appendix B of the General Information Package).
 - e. Once you approve a quote, the licensed plumbing installer will procure the required equipment and complete the homeowner system installation.
 - f. The plumbing installer must obtain both a plumbing and electrical permit from the local safety codes officer.
 - g. Local Safety Code Officer: Superior Safety Codes Inc. – 1-866-999-4777
5. Review your insurance policy and ensure appropriate coverage considering your added sewer components and connection to a low-pressure system.



6. You should confirm the following with your installer prior to them leaving your site. These items can be tested without the cc valve being opened.
 - a. Review and understand your backflow preventers.
 - b. Review the height of your pump discharge, and if the discharge is not deeper than 2.7 meters, understand the insulation, heat tracing, or other frost mitigation components that have been installed to prevent freezing.
 - c. The electrical breaker that powers your control panel and system. The breaker should be on for testing but should then remain off until completing Step 8.
 - d. All floats are working as intended and proper feedback is received by the control panel. Floats should include low level alarm, high level alarm, and pump on/off. Floats should be tested while installed in the tank, and the feedback can be monitored on the display within the control panel.
 - e. The audio and visual alarms are activated when the corresponding float is activated.
 - f. How to manually turn the pump on, breakers within the control panel, and that the instruction manuals for the control panel and pump are provided to you.
 - g. Preventative maintenance that should occur on your system going forward.

7. Once the homeowner system installation is complete, the following needs to be provided to your CAO. These items can be mailed to your CAO, submitted by email, or delivered in person.
 - a. The completed "North 43 Lagoon Application Form".
 - b. A copy of each of the plumbing and electrical permits.
 - c. The \$50 application processing fee. Please provide a cheque written out to "Lac Ste. Anne County". Alternatively, these funds can be paid in person at the Lac Ste. Anne County Office in Sangudo. If paying in person, please provide a receipt for payment to your CAO.

8. Your CAO will review your application, then coordinate with Lac Ste. Anne County to inspect and turn on your system. A representative will contact you within ten (10) business days to arrange a day and time to review your installation and turn on your system. You or a delegate will need to be present. The following should be confirmed with the Lac Ste. Anne County representative prior to their leaving.
 - a. Once the cc valve is opened, there are no leaks back into your tank. Leaks can be detected by a change in your liquid level, or potentially by the sound of water bypassing the backflow preventer.
 - b. Once the breaker is turned on, and your cc valve is open, your tank drains when triggered by the float. You can manually activate the pump within the control panel, but it is preferred for you to fill your tank and watch and hear the floats and pump engage as they would during normal operations. The pump should not run if there is no liquid in the tank.

If these items are acceptable, your cc valve will be opened. Your system will be operational and connected to the North 43 Lagoon Wastewater System!



9. Seasonal turn-ons or shut offs can be completed if requested.

Chief Administrative Officer Contact Information

Municipality	CAO	Phone	Email
Lac Ste. Anne County	Cianne Offer	780-785-3411	coffers@LSAC.ca
Summer Village of Castle Island	Wendy Wildman	780-819-3681	svcastle@telus.net
Summer Village of Ross Haven	Tony Sonnleitner	780-718-5479	cao@rosshaven.ca
Summer Village of Yellow Stone	Kim Hanlan	587-862-0500	office@svyellowstone.ca

Emergences and Seasonal Turn Ons / Shutoffs

Name	Phone
Kurt Stogrin	780-284-8220
Lac Ste. Anne County After Hours	780-785-3411

