

NORTH 43 LAGOON COMMISSION APPLICATION for MUNICIPAL WASTEWATER SERVICE

Application must be made by the Landowner(s)

Date of Application: _____ Tax Roll # _____

Landowner(s) (Print Clearly): _____

Mailing Address: _____

Town: _____ Postal Code: _____

Telephone (Home): _____ (Cell): _____

Municipal Service Area (Check One):

Lac Ste. Anne County:

Summer Village of Yellowstone:

Summer Village of Castle Island:

Summer Village of Ross Haven:

Service Location (Legal Land Location - Lot, Block, Plan): _____

Service Location (Street Address if available): _____

- The landowner is responsible for payment of all applicable permit fees, supply and installation of the necessary materials and equipment for the service connection, as specified in Attachment A.
- The landowner(s) must install a pump assembly system that meets the minimum requirements, as specified in Attachment A.
- The landowner(s) must engage the services of a licensed installer for the installation of the pump assembly.
- Copies of all permits from the Municipality and accredited inspector will be provided to the Commission and accepted by the Commission prior to the turning on of the service connection.

LANDOWNER SIGNATURE(S): _____

OFFICE USE ONLY

Date Wastewater Services Turned On: _____

Additional Notes: _____

The personal information that is being collected will be used for the purpose of all provisions in providing the wastewater service to the applicant. The personal information is protected by the privacy provisions of the Freedom of Information and Protection of Privacy Act. If you have any questions about the collection, contact the FOIP Coordinator at 4928 Langston Street, Sangudo, AB T0E 2A0, 780-785-3411.



North 43 Lagoon Commission Gunn Regional Sanitary System

On-lot Service Connection

A two compartment septic tank of 750 gallon working capacity is recommended for each lot to be serviced. For the existing single compartment tanks, additional vault chamber will need to be installed beside the tank to allow for screening the effluent from solids.

Orenco pump, model PF1005 (1/2 Hp, 60 Hz) is considered as the most suitable pump for the sanitary system that is being installed. This pump is universally appropriate for all the communities connected to the system, which is capable of pumping septic effluent directly to the lagoon. This eliminates the need for a lift station. This pump comes in both 120 and 240 voltage (model PF100511 and PF100512 respectively).

The following are the key components of a complete assembly that need to be installed for each connection:

- Septic Tank
- Pump assembly (pump, vault, float, discharge pipe, control panel).

The service pipe is 40mm HDPE DR 11 (outer dia. of pipe 50mm).

Refer to the following detail drawings and technical data sheet for the component details and installation guidelines specific to the Owner's condition:

Drawings by Orenco System:

- Dwg. No. EDW-TD-3, Effluent Pumping System – 2nd Compartment Drawdown
- Dwg. No. EDW-TD-4, Effluent Pumping System – Dual Compartment Drawdown
- Dwg. No. EDW-TD-16, Effluent Pumping System – Basin Effluent Pumping System
- Dwg. No. EDW-TD-17, Effluent Pumping System – Basin Effluent Pumping Assembly

Technical Data Sheet by Orenco System:

- PF Series 60-Hz, 4-inch (100mm) Submersible Effluent Pumps (pump model PF100511 and PF100512 as applicable)
- Universal Biotube Pump Vaults
- Float Switch Assemblies
- Discharge Assemblies
- S-Series Simplex Control Panels
- External Splice Box
- Installation Manual

[Note: Equivalent alternative pump assembly will be considered for approval. System must be installed by a licensed installer. A permit from the Commission must be obtained prior to installations.]

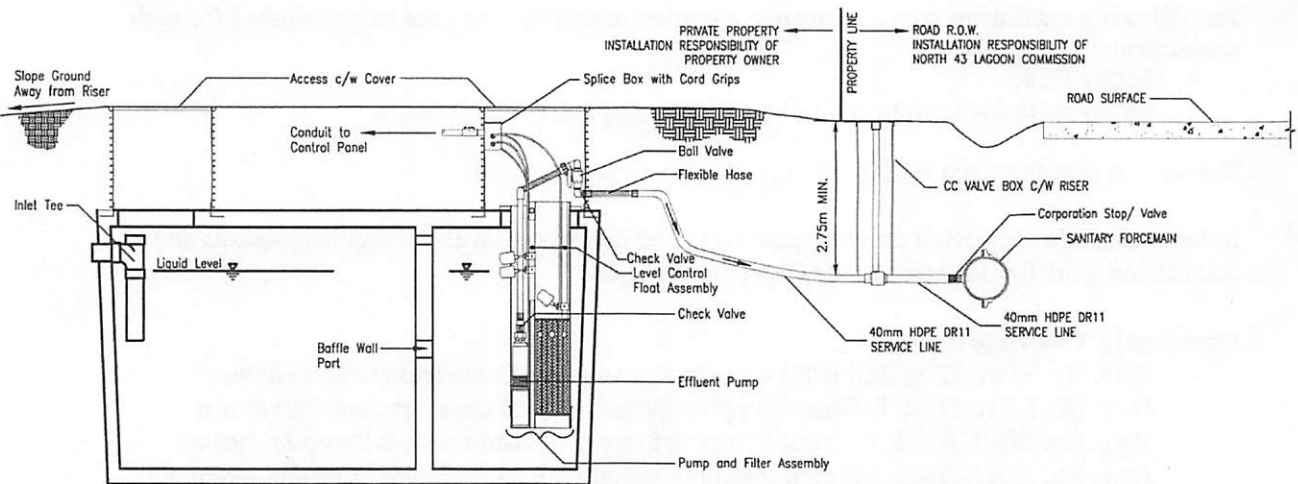
North 43 Lagoon Commission
 Gunn Regional Sanitary System
 On-Lot Service Connection for Residential Units



#140, 2121 Premier Way
 Sherwood Park, Alberta
 780.410.2580

File: S-38072

Date: 2018-06-14



SCALE: N.T.S.

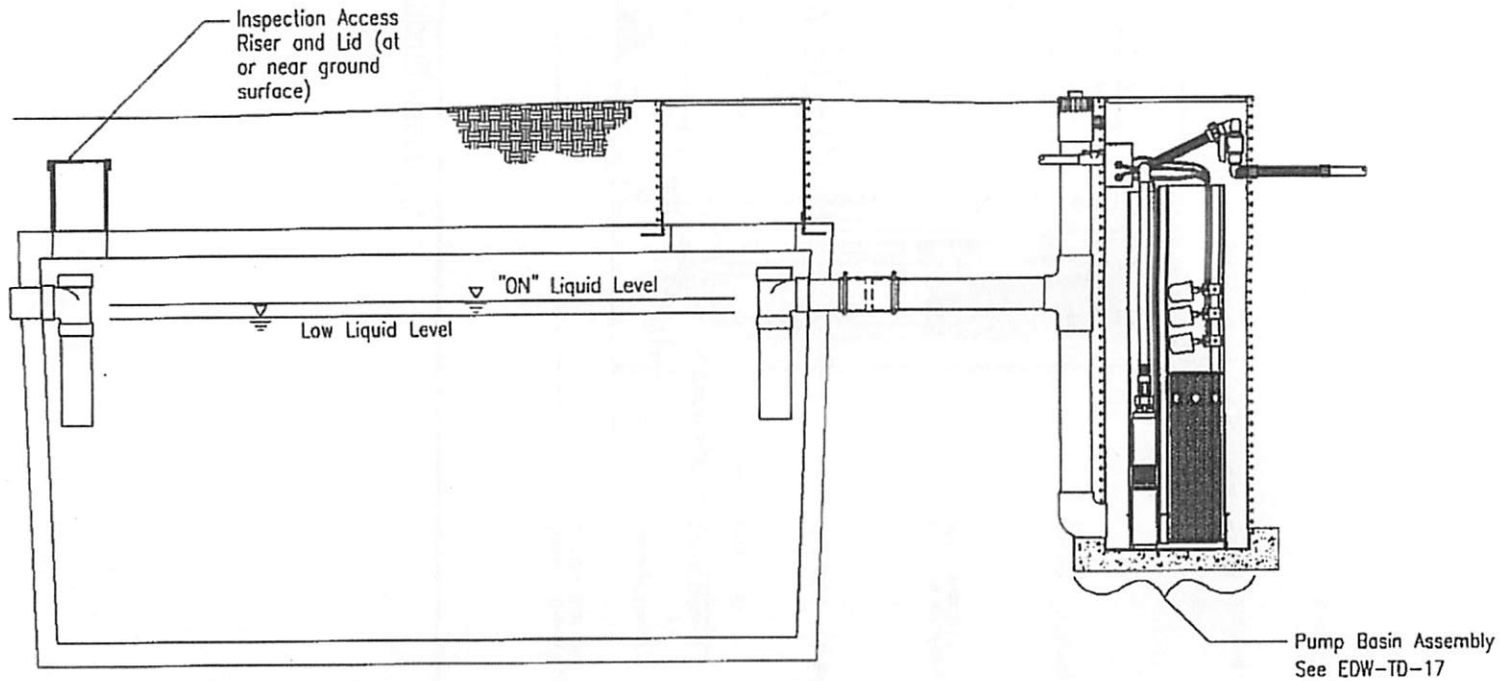
Basin with Effluent Pumping System



Oreco Systems[®]
Incorporated

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Patents # 4,439,323 & 5,492,635
Foreign Patents Pending
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Rev. 1.0 (2/98)

Basin with Effluent Pumping Assembly

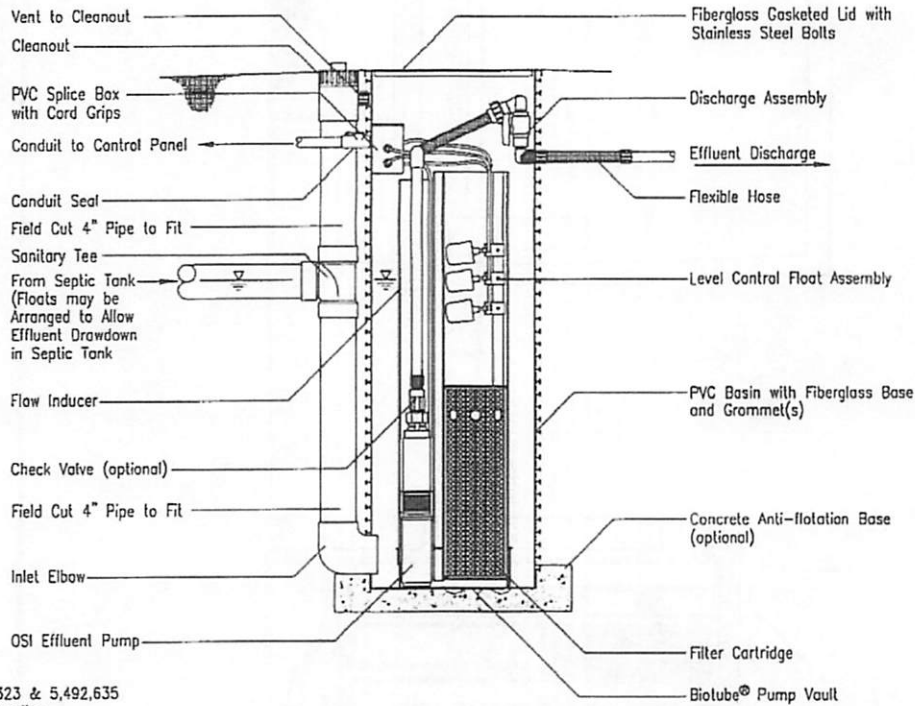


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