

Sludge Disposal

Wastewater and Water Treatment

Susan Mouland, Pollution Prevention

Types of Sludge

- **Waste Water Treatment Sludge** – Municipal Sewage/Septic Treatment Facilities.
- **Water Treatment Sludge** – Municipal Water Treatment Facilities.

Waste Water Sludge Management

Certificate of Approval Requirements

23. The Owner agrees to develop a sludge management disposal program for all wastewater treatment facilities (primary, secondary, tertiary) ***that is acceptable to the Pollution Prevention Division of this Department.*** Removal and disposal of accumulated sludge shall be undertaken as needed or as recommended by this Department. Sludge production and disposal records shall be maintained by the Owner

24. The Owner shall ensure that all material removed from screens, grit chambers, pre-treatment grinders, septic tank(s) and other preliminary treatment facilities is disposed separately from the sludge, at an approved site. ***Floating debris, scum and solids such as plastics and grease from the wastewater treatment facility shall be similarly disposed of. The regional office of Service NL shall be contacted in this regard.***

25. The Owner must not accept or permit to be discharged to the wastewater collection system or treatment facility any hauled septage, sludge or other type of hazardous or deleterious liquids.

Water Treatment Sludge Management Certificate of Approval Requirements

- Sludge must be removed from the residuals treatment lagoon as warranted to maintain adequate functioning and transported and disposed in a manner that is ***acceptable to this Department.***

Water Treatment Sludge Info

May Contain: Metals other CoC's.

Required Testing: Metals suite , and or/ others as per discretion of the Department.

Contact: Regional DGSNL Office and or PPD.

Disposal: Regional WDS with permission of Owner Operator or Soil Remediation Facilities.

Wastewater Sludge Info

May Contain: Organic Materials, Nitrogen & Phosphorus, Trace chemicals, inorganic materials, microplastics, microorganisms & pathogens, heavy metals

Required Testing: N/A (requires testing for disposal after treatment at authorized treatment facilities)

Contact: Regional DGSNL Office and or PPD

Disposal: Septic Haulers/Treatment Facilities in the Region

Approved Septic Haulers NL

Province Wide Haulers (approvals issued by ECC) :

- Pardy's Industrial
- Envirosystems
- Capital Crane



Regional Haulers (approvals issued by DGSNL)

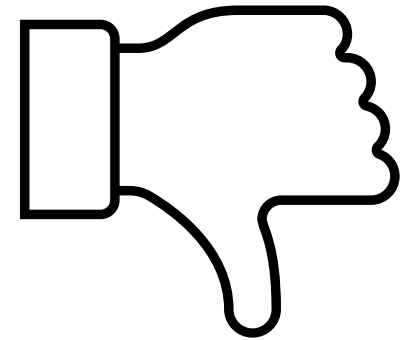
- Contact Regional Office for updated list

Approved Septic Treatment Facilities in Newfoundland

- Pardy's (Avalon)
- Felthams (Central)
- Burin Peninsula Regional Service Board Site
- Gales (Western)
- Enviro Green (Western)

Can we dispose of sludge this way?

- Agricultural use.
- Quarry rehabilitation.
- At a non-operational waste disposal site.
- At a WDS Inside of a septic ban area.



Contacts & References

- Susan Moulard , Environmental Scientist, PPD
- Marie Ryan, Senior Environmental Scientist, PPD
- Christopher Parsons, Manager Environmental Protection and Operations , DGSNL

[GD-PPD-022.5 Landfill Bans, Special Wastes and Diversion Programs](#)

[GD-PPD-045.2 Protocol for the Management of Excavated Soils, Rubble and Dredge Materials](#)

Questions ?

