

## 1. INTRODUCTION

As referred to in the *Sewage Disposal Systems Regulations*, these are the standards for equipment, methods, records and registration relating to the pumping, transportation and disposal of sewage for the protection of human and environmental health.

## 2. APPLICATION

These standards apply to any person, firm, corporation, partnership, association or other organization operating any tank truck or other equipment for the purpose of pumping, transporting or disposing of sewage in a volume of greater than or equal to 20,000 litres (4400 Imperial gallons) per month.

## 3. DEFINITIONS

“Septage” is a term used in industry to describe sewage that is a fluid mixture of untreated and/or partially treated sewage solids, liquids, and sludge of human or domestic origin which is removed from a waste water disposal system, such as a septic tank, soil absorption system, cesspool, portable toilet, sewage holding tank, privy, marine toilet, or similar installation.

“Sewage” means waste water, human sillage, septage or waste of a like nature contained in or discharging from, kitchen, bathing, toilet, laundry facilities, privy or other similar facilities.

“Nuisance” means a condition that is or may become injurious or dangerous to the public health or safety, or that may hinder in any manner the prevention or suppression of disease.

## GENERAL REQUIREMENTS

4. Any tank used for transporting sewage shall be constructed so as to:
  - a. be watertight;
  - b. prevent spillage or leakage during loading, transportation and unloading;
  - c. reduce surge during transport; and
  - d. withstand all pressures to which it is subjected under normal operating conditions.
5. All pumps, pipes, hoses, valves, joints, caps, plugs and other equipment used to contain or convey sewage during loading, transportation or unloading shall be watertight so as to prevent spillage or leakage.
6. All equipment shall be regularly and properly maintained by the operator to ensure dependable performance.

## *Standards for Transportation of Sewage*

7. Tanks and other equipment used for the loading, transportation and unloading of sewage shall be constructed so as to be easily cleanable and maintained in a clean condition when not in use or when used otherwise.
8. Truck and equipment washing facilities shall be so constructed and designed as to prevent contamination of a water source/supply by back siphonage or otherwise.
9. Any tank and any other equipment used to transport sewage shall not be used for the transportation of potable water.
10. Any tank used in transporting oil or similar products shall be adequately purged, flushed and/or cleaned to remove contaminants from the tank, prior to being used for the transportation of sewage. Where reasonably practicable, separate tanks should be used for transporting oil than those transporting sewage.

### METHODS

11. Sewage shall be pumped directly into the transport tank in a manner which prevents spillage.
12. Sewage shall be transported in a manner which prevents leakage or spillage so as not to endanger the environment or the health and welfare of persons.
13. Transported sewage shall be discharged only into a public sewer system or into a wastewater treatment facility operated or licensed by a federal, territorial, municipal or First Nation government, and shall only be discharged in accordance with regulations, policies and procedures established by the facility operator or licensee.
14. The sewage hauler shall be responsible for cleaning the area surrounding the discharge location after discharge has been completed.
15. Sewage shall not be discharged into a sewer system or wastewater treatment facility, which will interfere with its operation by:
  - a. harming either the system or the wastewater treatment process; or
  - b. being otherwise incompatible with the treatment process.
16. Sewage discharged into a sewer system or wastewater treatment facility shall meet all quality standards established by the facility operator or licensee.
17. When sewage transporting equipment is stored, maintained and/or cleaned in a garage or similar structure, the equipment shall be kept separate from any potable water delivery equipment.
18. When sewage transporting personnel are also involved in the delivery of potable water, the personnel shall ensure that clean clothing and related accessories such as gloves, hats and footwear are worn during the delivery of the potable water and shall carry out such additional personal hygiene as may be required to avoid contamination of the potable water. Where reasonably practicable, different personnel should be used for the transporting of potable water than those transporting sewage.

## *Standards for Transportation of Sewage*

19. Persons engaged in the education and transportation of sewage shall take necessary precautions, and conduct themselves in such a manner as to safeguard themselves and others from injury and disease, such as:
  - a. wear appropriate protective clothing and equipment that can be cleaned and disinfected such as gloves, hats, face protection and other accessories;
  - b. regularly wash hands and forearms;
  - c. regularly launder protective clothing and equipment;
  - d. keep work clothes separate from street clothes; and
  - e. seek medical advice regarding related immunizations (e.g. Hepatitis B).

### RECORDS

20. Every person who transports sewage shall maintain records that show the:
  - a. name and address of the source of the sewage;
  - b. date and time at which the sewage was loaded and by whom;
  - c. volume of sewage loaded; and
  - d. date, time and location of disposal.
21. Records, required in section 20, shall be:
  - a. kept at the business office of the transporter for at least one year; and
  - b. made available to any Health Officer for inspection on request.

### REGISTRATION

22. Every applicable vehicle, tank truck, or any other equipment used to transport sewage shall be registered with Environmental Health Services, Government of Yukon.
23. Registration shall be annual, and shall expire on the anniversary date of the registration.
24. An application for registration shall be submitted in writing on a form provided by Environmental Health Services, along with any required supporting documentation, and shall include:
  - a. vehicle license number;
  - b. name and address of owner and/or operator of the equipment;
  - c. name and address of the business, if different;
  - d. make, model and serial number of the equipment;
  - e. photograph(s) of the equipment being registered;
  - f. design features and specifications on construction, structural integrity, and safety components of the equipment;
  - g. methods of loading, transport and disposal;
  - h. location of sewage disposal site(s) used; and
  - i. authorization/permission from sewage disposal site operator or licensee.

## *Standards for Transportation of Sewage*

25. On receipt of an application for registration, a Health Officer may inspect the equipment and review relevant manuals and/or documentation to determine compliance with these standards.
26. For each registration issued, a registration number will be assigned and displayed on the vehicle, tank truck, or any other equipment used to transport sewage.
27. To the satisfaction of a Health Officer, every vehicle, tank truck, or any other equipment used to transport sewage shall have signage on both sides that allows for easy identification. Should a sewage hauler have more than one vehicle, tank truck, or any other equipment used to transport sewage, then each shall be marked to allow for individual identification.
28. A registration number is not transferable between vehicles, tank trucks or any other equipment used for the purpose of pumping, transporting or disposing of sewage, unless approved by a Health Officer.

## OTHER

29. Provisions contained in these standards relating to equipment, methods, records and registration may be varied at the discretion of a Health Officer, provided that any variation:
  - a. conforms to the requirements of the *Public Health and Safety Act*, its Regulations, and/or any other Territorial Act or Regulation;
  - b. would not endanger, contaminate or pollute any water, so as to cause a nuisance; and
  - c. would not cause a nuisance to the owners or occupants of any premises in the locality.

Further information may be obtained from:

### **Environmental Health Services**

#2 Hospital Road  
Whitehorse, Yukon  
Y1A 3H8

Phone: (867) 667-8391

Toll-free (within Yukon) 1-800-661-0408, ext. 8391

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