

6 Sewage Disposal Requirements

- .1 Comply with the requirements of the Land Use Permit, the Water License and the Public Health Act (Nunavut).
- .2 Discharge sewage into two temporary lagoon areas within the DND reserve. Provide the necessary piping to ensure the lagoons can be operated independently.
- .3 Size each of the lagoons to provide an individual capacity for 45 days of wastewater storage or one half of the duration of the construction season, whichever is greater. The maximum fluid depth shall not exceed one metre.
- .4 Locate the temporary lagoon area:
  - .1 A minimum of 100 m from the construction camp, Engineer's Office, and/or other temporary facilities.
  - .2 A minimum of 100 m from drainage paths.
  - .3 A minimum of 450 metres from water bodies supporting aquatic life.
  - .4 Downwind of the construction camp based on the prevailing wind direction.
  - .5 Within the DND reserve.
- .5 Treat all sewage to meet the following discharge criteria:

<u>Parameter</u>	<u>Maximum Allowable Concentration</u>
Oil and Grease	None Visible
PH	6 to 9
Total Suspended Solids	180 mg/L
BOD	120 mg/L
Faecal Coliforms	10,000 CFU/dl

If unable to meet the above discharge criteria, provide additional storage and/or treatment necessary to meet criteria prior to discharge.

- .6 Submit details of the sewage disposal system to the Engineer prior to the acquisition/installation of the camp.
- .7 At the completion of construction, backfill temporary lagoon to provide a minimum of 300 mm granular fill over settled solids.