

Strategic Infrastructure Fund – Preliminary Project Brief

Community: Cape Dorset

Project: Sewage Treatment Facility

Explanation

The existing Cape Dorset sewage treatment system comprises a multi-tiered three celled lagoon system. The existing capacity is insufficient for winter storage. In addition, the system is located adjacent to a very large hill and stream and is subject to infiltration during the spring freshet.

A study completed in March 2002 recommended two options: a mechanical treatment plant or a wetlands system utilizing the back-up water supply. The community preference was a mechanical system. Over the 2002/03 additional work was undertaken to advance design, but it became apparent that the cost exceeded the budget and estimate.

Currently, the department is confirming that a lagoon is not an option in another location and is confirming the estimate for construction of a mechanical treatment plant.

The scope of the project will be either the construction of an access road and lagoon or a mechanical treatment plant. It has been estimated that the capital cost of construction will be in the order of \$5.5 Million.

Doug Sitland Director, Capital Programs July 16, 2003