Cape Dorset Sewage Treatment P-Lake

On behalf of the Hamlet of Cape Dorset, Dillon Consulting Limited has submitted an application to amend the Hamlet's current Water License. An amendment to the license is required in order to complete the construction of the proposed P Lake Lagoon sewage treatment and disposal system. This is required through the direction given by a letter of direction from Environment Canada dated May 13, 2004.

The main activities as outlined in the application for amendment are as follows.

- The construction of a new road to the P Lake Site.
- The construction of the two berms to confine a new sewage lagoon capable of storing sewage for 1 year.
- The construction of the sewage truck discharge facility
- The construction of a lagoon effluent discharge system. This will include a
 control structure, including a culvert at the invert of the lagoon and a control
 valve downstream, will be put into place. An overflow structure (culvert and a rip
 rap channel) will also be added.

There will be an overall increase in the sewage treatment capacity in the community to 96,000 cubic meters which is sufficient to meet the community's 20 year projected sewage generation. One cell of the existing lagoon system will be maintained for use under emergency conditions (road closure due to weather for example). The other two cells will be decommissioned once the new facility is constructed and commissioned.



