



CASE STUDY

GEOTUBE® - Lagoon Desludging



▼ **LOCATION:** Invermere Lagoon (Invermere, British Columbia)

▼ **PROJECT TYPE:** Supply and installation

▼ **PRODUCT USED:** 6 - 60' x 100' Geotextile GEOTUBE®



▼ **PROBLEM:**

Desludging of bio-solids in municipal lagoons.

▼ **THE TITAN SOLUTION:**

Over time the accumulation of bio-solids in municipal lagoons affects holding capacity which requires desludging. In this project, geotextile GEOTUBE® were used to remove bio-solid sludge with the objective of increasing the lagoon's capacity. Slurry from the lagoon was pumped into approximately 6 - 60' x 100' geotextile GEOTUBE®, which were contained in a temporary sloped berm lined with 20 mil Titan TRP-200R geomembrane. As the tubes dewatered, the liquid flowed into a depressed sump area where it was pumped out and the bio-solids remained in the tubes for disposal after drying.



▼ **ACHIEVEMENT:**

Not only did Titan supply the geotextile GEOTUBE® but we successfully completed the desludging project, which had been abandoned by the previous contractor, and offered value-added service by lining the temporary berm. Because of this and the client's satisfaction with our work, we were later contracted to re-line the lagoon cell which we also completed successfully.



Contact us for more information:

TITAN ENVIRONMENTAL CONTAINMENT

Toll free: 1-866-327-1957 | Email: info@titanenviro.com | Web www.titanenviro.com

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