

Application Story

PROJECT | PRINCE ALBERT NATIONAL PARK
Product | Geotube® Dewatering Technology
Application | Municipal

Location | Canada
Installation | 2001

The Challenge:

Two sewage oxidation lagoons at the National Park had filled with solids over a 20-year period. This resulted in an unpleasant odor and a danger of undigested sludge overflowing and polluting the natural surroundings.

The Solution:

This situation was addressed with Geotube® dewatering technology. 1,600 linear feet of Geotube® containers were used to remove 15,000 cubic yards of sludge. Each dewatering unit (45' circumference x 200' long) was deployed atop the berms surrounding the sewage oxidation lagoons [photos 1-2]. The Geotube® units were placed end-to-end and were sufficiently flexible to follow the curvature of the top of the lagoon berms [photo 3].

Each Geotube® unit was secured and stabilized during the initial pumping stage to maintain the alignment [photo 4]. The units were pumped to the 5.5 foot design height and allowed to dewater [photo 5].



Contact Information:

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