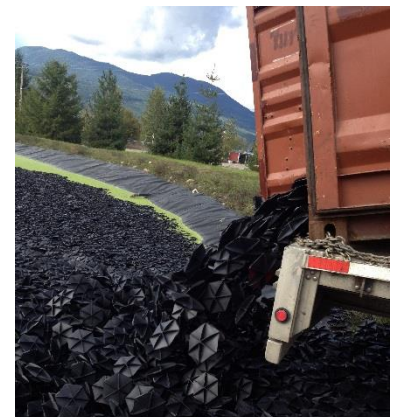




**2. Reference Hexa-Cover® Floating Cover**  
**Application Wastewater**  
**Effect Controlling odor, algae and evaporation**  
Location Nakusp, BC, Canada  
Contact Mike Pedersen  
Water & Wastewater manager  
mpedersen@nakusp.com  
tel:250-265-1725



Nakusp, BC, is a community using a sewage lagoon for a segment of their wastewater treatment. Nakusp is a village located on the shores of Upper Arrow Lake, a portion of the Columbia River, in the West Kootenay region of British Columbia. It has a population of around 1,569. Close to its maximum capacity for both sewer and water treatment, which was restricting their population growth, Nakusp needed to look at improvements to their existing blooms in the sewer lagoons, resulting in a reduction of the amount of sludge to be managed and therefore having the water reenter the river system faster. In September, 2013 the project began. 103,600 Hexa-Cover tiles were placed into the lagoon to completely cover the 3700 m<sup>2</sup>. The floating tiles are very easily installed. Roughly put, they are simply poured onto the surface and under the effect of the wind and movement of the liquid will form themselves into a “lid”. They are so designed that the tile edges will ‘key’ into each other. After 24 hours, the covers automatically linked to each other creating the lagoon cover. In addition to reducing the algae growth, the Hexa-Covers offer other benefits, such as:



- There will always be free access to the liquid, for such things as measuring, emptying, mixing etc.
- Significant reduction in odours, evaporation and emissions (up to 95%)
- Reduces use of chemicals and other additives
- Significant reduction in evaporation
- Significant reduction in emissions
- There are no running costs attached to the use of Hexa-Cover® floating tiles. In fact, in most situations there will be a reduction of total costs, since water consumption will be reduced and there will be energy savings in connection with cooling and mixing of the liquid and the need to use potentially harmful additives will also be reduced.



“ When I last talked with him in late June, they were extremely happy since they had zero resident complaints for odour. Their main issue was organic growth deterrent.” *Terry Frank, Greatario, Vice President of sales*