

Dewatering Solids Processing Upgrade Project

The Okanagan Falls Wastewater Treatment plant was originally designed to be constructed in multiple phases in order to reduce the initial capital cost of construction. The first phase included the addition of a solids dewatering process. Currently the thickened 'cake' of organic matter is hauled via septic Vacuum trucks 22 kms to the Penticton advanced waste water treatment plant for further processing and dewatering before ultimately being trucked to the biosolids composting site on Campbell Mountain Landfill.

Typically, 6 truckloads of sludge are transported each week. With the addition of the solids dewatering process on-site we can reduce the costly shipping process requiring vacuum trucks, instead reducing the requirement to a roll-off truck on a single journey to the biosolids compost facility. The removal of water also greatly reduces the frequency of trucking required as more product can be trucked in a single load.

The new facility is funded by a grant for \$2.06 million from the Strategic Priorities Fund administered by the Union of British Columbia Municipalities (UBCM).

Simplified Schematic of the Okanagan Falls Wastewater Treatment Plant

