



Onsite Wastewater Treatment and Dewatering Facility

Aqua Prep has developed a Hydro Demolition Waste Management System over many years. The primary functions include solid, slurry and water separation followed by pH reduction and clarification with discharge options to sewer, storm water, or beneficial reuse.

When using high pressure water for concrete demolition, we produce thousands of litres for every cubic meter of concrete demolished. Previously, the waste management options were limited to direct discharge to sewer or the nearest stormwater system, which is illegal if the waste cannot be captured. Alternatively, the waste could be transported in vacuum tankers to licensed facilities, but we would have to pay up to thirty-seven cents per litre for disposal. This resulted in significant costs and time delays in dealing with the water.

