

Road sweeping material enters the UBU treatment facility which uses density separation and attrition to separate organics and trash from the aggregate. The treatment facility has the ability to receive and process both wet wastes and dry waste, with a combined throughput of up to 25 tonnes per hour, or 250 tonnes per day.



The wastewater is then chemically treated before undergoing further treatment to create thickened sludge. The recycled water is sent to the water storage tank for recirculation around the system. Approximately 90% of the water in the system is recycled for re-use. The sludge is sent to a buffer tank for further treatment.

The washed aggregate is dewatered and the smaller fraction is separated for further classification to capture valuable metals. After further removal of contamination, the aggregate is sized into two ranges to allow for use in different applications.

Depending on the composition of the feedstock, the treatment facility has the ability to produce up to 50 tonnes per day of washed aggregates and up to 125 tonnes per day of washed sand. This sand and aggregate can be reused in a range of applications creating a closed loop circular economy.

REMOVE YOUR WASTE BURDEN WITH UBU'S ROAD SWEEPING TREATMENT FACILITY

Where construction sites are not licensed to dispose of roadsweeper waste on suitably approved locations, UBU Environmental Ltd. can provide an environmentally sound, and extremely cost-effective alternative to landfill sites. This system allows the recovery and re-use of recycled material including the use of sand and stone for offsetting virgin materials. This includes pipe bedding, landscaping uses and sub-bases, resulting in far-reaching environmental benefits.

REMOVE YOUR WASTE BURDEN
SAVE ON LANDFILL FEES
ENSURE THAT YOUR ORGANISATION IS ENVIRONMENTALLY CONSCIOUS

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