



Stormwater Waste – *Recycling NOW* - Improving the Sustainability of our Treatment Systems.

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Councils and environmentalists everywhere recognise the benefits of stormwater treatment devices. They trap thousands of tonnes of pollution every year.

It's fantastic that this pollution has been prevented from degrading and damaging our environment.... But now what?

Historically, pollution has almost exclusively been sent to landfill. Because of the mixed nature of pollution containing plastics, paper, organics and sediment, the opportunities to recycle it are few. Some have tried and failed, some Councils have small recycling systems for their organics waste, but until now, large scale recycling operations for stormwater waste have not been commercially viable.

Approximately 75% of the pollution is removed from primary treatments such as GPTs, via suction truck cleaning, so the waste comes out mixed in with water. It can have anything in it, be stinky and dirty, hard to deal with and until 12 months ago sending it to landfill was virtually the only option.

However, Sydney now has its own Stormwater Waste Recycling Plant based in Wetherill Park.

This paper describes the process, the plant capacity, energy at the plant, how the waste is separated and treated and where it goes.

For Councils interested in a MUCH more sustainable impact from their core activities, and minimising the rate their landfills are filling up, this paper is for you. Sustainability and Waste Managers at Council should be very interested in this exciting new development within the stormwater industry.

This paper will provide Councils with a better option than requiring pollution to go to landfill. For those wanting to REDUCE, REUSE, RECYCLE..... the future is here, and we'll tell you everything you want to know.