



Dr. Karen Creed
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January 8th 2007

RE: Wheel and Truck Wash Water run-off on site at Lawlor Brothers Waste Disposal Ltd t/a Access Skips, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12 - W0227-01

Dear Karen

Please find attached a copy of the proposed drainage system for the wheel wash and truck wash areas for the recycling facility at Lawlor Brothers Waste Disposal Ltd t/a Access Skips, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12.

Please note that the wheel wash is not attached to the foul water drainage system, however the foul water piping runs beneath the wheel wash itself. The wheel wash drains into the surface water drainage system and into the southern most silt trap located at the north entrance of the site.

It is proposed that c. 9,500 tonnes of the total 95,000 tonnes to be collected by the Lawlor Brothers will be municipal waste. Trucks carrying this category of waste have the potential to contain contaminants not suitable for discharge to storm water. However, given that this category

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of material represents only a tenth of the proposed waste to be accepted by the facility annually, the potential for contaminants entering the foul water system is low.

During the construction phase of the truck wash bay area a silt trap sump will be placed beneath the truck wash. This will minimise the amount of dirt and silt entering into the foul water system.

Approximately 18L water per minute is discharged from the Porto Tecnica Power Washer system presently used on site. On average, it takes 5 to 10 minutes to wash down a 20 tonne truck. For the purpose of this calculation, a wash down time of 7.5 minutes per vehicle was used. At present roughly 20 trucks per week are washed on site. It is estimated that with the proposed intake of 95,000 tonnes, roughly 126 trucks will be washed on site on a weekly basis. This calculates to an estimate 17,010L of water per week (884,520L per year) to be discharged into the foul water drainage system.

Waste Streams Clarification

It was observed by agency staff that quantities of 'black bag' (municipal type waste) were present during a recent site visit. It is reported by Lawlor Brothers that occasionally, small amounts of this waste are collected by Access Skips in domestic skips or from house clear outs. At present this waste is segregated and sent off site for disposal at an appropriate licence facility.

A review of the proposed waste streams for the site are as follows;

The waste accepted on the site consists of dry solid non-hazardous waste. All waste is delivered to the facility by trucks. All skips are covered with netting or tarpaulin during transportation. On arrival, all recyclable waste is segregated and transferred to the relevant storage area. Non-recyclable waste is bulked up and transported to landfill.

Household Waste

Household waste is accepted at the facility mainly in the form of bulky waste collected in skips from house clear-outs. This non-putrescible waste comes in the form of furniture and other domestic construction and demolition waste. Currently this waste stream accounts for approximately 50% of the waste accepted at the facility. It is proposed to process approximately 9,500 tonnes/annum of domestic/municipal type waste at the new redeveloped facility. This will comprise a mixture of paper, cardboard, wood, metals, and

