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Office of Licensing & Guidance, EPA Headquarters, P.O. Box 3000, Johnstown Castle Estate, Co. Wexford.

27th September 2005

Our Ref MGE0031LT0027GAL File Ref: 340

Re: Killarney Waste Disposal - WL217-1

Dear Sir/Madam,

Please find attached further information on the dryer system as requested.

In the drying process the water is evaporated off. The air filter treats the air and removes any dust. The filtered air is emitted to the atmosphere and the dust that is collected is re-circulated back to the start of the drying process.

We are providing this information on behalf of Killarney Waste Disposal.

We trust this is satisfactory, but please do not hesitate to contact the undersigned if you have any queries.

Yours sincerely,

Siobhan Aherne

Senior Project Scientist

For and on behalf of RPS Consulting Engineers

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Encl.

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FAX

MACALLISTER ENGINEERING LTD.

То

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Company-

- RPS ENGINEERING 091 534199

From

Stanley Mac Allister

Date Subject 9/27/2005 AIR FILTER

Pages

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Re: Filter Supplied To Vortex Ltd. at Killargey

Dear Madam,

We wish to confirm that the filter unit supplied recently for treating the exhaust from a waste treatment plant at Killarney for the above company is a dry media type.

The air volume (believed to be about 7200 m3/hr) is filtered through a number of cartridges which have a total area of 75 m2 giving an air to cloth filtering speed of 1.6m3/m2/minute. The dust is dislodged periodically by reverse air flows of compressed air into a sealed holding hopper with a valve controlled outlet where the small quantity of dust is taken off manually and returned to the main product stream.

The filter media is a teryiene needle felt polyester material of 260g /m2 in weight, and has an air permeability of 530 m3/m2/min at 200 mm WG. The material has been tested by BIA in Germany to DIN EN 60335-2-69 with a filtration rating of maximum emission of 0.06% between 0.2 um and 2.0 um after Stokes. Its efficiency at 5 um and over would be 100%.

Kind, Regards,

Stanley Mac Allister.

Ballycurreen, Airport Road, Cork . IRELAND

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