

Dear Ray

Point source emissions to air – Biofilter 2 (for underground sump)

In accordance with permit conditions 3.1.1 and 3.1.2 of environmental permit reference FP3137GF for our Westwood AD facility:

3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 table S3.1; and

3.1.2 The limits given in schedule 3 shall not be exceeded.

Table S3.1 below specifies the maximum emission limit values and the monitoring frequency required for the cockle biofilter (biofilter 2) treating extracted channelled air from the below ground sump in the waste reception hall.

Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A7 Biofilter Biofilter 2 (for underground sump) on site plan in Schedule 7	Emissions from odour abatement (open biofilter)	Hydrogen sulphide	No limit set	Average over sample period	Once every 6 months	CEN TS 13649 for sampling NIOSH 6013 for analysis
		Ammonia	20 mg/m ³	Average over sample period	Once every 6 months	EN ISO 21877
		Odour concentration	No limit set	--	Once every 6 months	BS EN 13725

The 200m³ below ground sump within the waste reception hall was used for the blending and mixing of feedstocks prior to discharge to the Raw Waste Buffer Tank (RWBT). The below ground sump is allied to a cockle biofilter to treat odourous air from the waste mixed and stored within the sump.

Following recent changes to front end operations within the waste reception hall at Westwood, the below ground sump is no longer used for its intended purpose of blending and mixing feedstocks. As such we no longer need to extract channelled odourous air from the below ground sump for treatment. Subsequently, we wish to notify the Environment Agency in advance of our intention to switch the extraction system off and isolate the biofilter and ancillary pipework. The below ground sump will be emptied and cleaned out by a specialist contractor.

Following isolation of the extraction and abatement system, there will be no further treatment of air taking place and no emissions to air via the biofilter stack. As a result, there will be no further requirement to conduct six monthly emissions testing in accordance with permit conditions 3.1.1 and 3.1.2, and table S3.4.

Should you wish to discuss this matter further, please do not hesitate to contact me.

Kind regards

A handwritten signature in black ink, appearing to read 'Darren Smith', written in a cursive style.

Darren Smith
Environmental Permitting Manager