

Notice: Variation of Permit

This permit has been varied by the Scottish Environment Protection Agency (SEPA) in exercise of its powers under Regulation 46 of the Pollution Prevention and Control (Scotland) Regulations 2012 (“the Regulations”). The terms used in this notice, unless otherwise defined, have the same meaning as in the Regulations.

Permit Number:	PPC/W/0020041
Site address:	Greengairs Landfill Site Meikle Drumgray Road Greengairs Airdrie ML6 7TD
Operator:	FCC Waste Services (UK) Limited 3 Sidings Court White Rose Way Doncaster Yorkshire DN4 5NU Company registration number: 00988844
Variation Number:	VAR01
Effective Date of Variation:	<<Enter effective date – DD/MM/YYYY>>
Details of Variation:	The permit is varied as specified in the Schedule attached.

Schedule

The permit has been varied as follows:

1. Condition 4.10.16 has been deleted and replaced by a new condition 4.10.16 as follows:

4.10.6 The maximum quantity of Incinerator Bottom Ash waste stored and treated at any given time shall not exceed 46,000 tonnes.

2. Condition 6.2.1 has been deleted and replaced by a new condition 6.2.1 as follows:

6.2.1 A leachate collection and sealing system designed to minimise leachate accumulation shall be provided on the base and sides of the Site Landfill. This system shall comprise an artificial sealing liner of 2mm HDPE with typical intact permeability of approximately 1×10^{-15} m/sec, suitably jointed and protected and a drainage layer of at least 1×10^{-2} to 1×10^{-4} m/sec and incorporating a network of collection and abstraction pipework.

The leachate collection and sealing system shall ensure that leachate accumulation at the base of the Site Landfill is kept below 2 metres depth, with the exception of the following –

- (a) cells 5A1, 6B and 6D, where leachate accumulation at the base of the Site Landfill shall be kept below 7 metres;
- (b) phases 8, 9 and 10, where leachate accumulation at the base of the Site Landfill shall be kept below 7 metres.

3. Condition 6.8.1 has been removed.

4. Condition 6.8.2 has been deleted and replaced with a new condition renumbered as 6.8.1 as follows:

6.8.1 Within 12 months of the date of the issue of Permit VAR01, the Operator shall submit written proposals to SEPA for the installation of additional Groundwater monitoring point(s) in the following areas of the installation boundary -

1. To the east (up hydraulic gradient) of the eastern boundary of the installation;
2. To the west and southwest of the western boundary of the installation;
3. Within the non-filled areas of land to the west of phase 7d.

5. Condition 6.8.3 has been removed.

6. Condition 6.8.4 has been removed.
7. Table 11.1.8 has been removed and replaced with a new Table 11.1.8 as follows:

Table 11.1.8

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			Frequency	Frequency
	Location	Parameters	Operational phase	Aftercare phase
Leachate volume	Each discharge point	Quantity converted from discharge rate	Monthly	Every 6 months
Leachate level	All monitoring boreholes and discharge points	Level, Discharge volume	Quarterly	6-monthly
Leachate composition	Discharge points, boreholes and monitoring points as specified in the Management Plan	pH, EC, Temp, NH ₄ -N, Cl, Ca, Mg, Na, K, SO ₄ , Alkalinity, COD, phenol TOC, BOD, Fe, Mn, As, Cr, Cu, Ni, Zn, Pd, Cd Mecoprop, Toluene	As specified in the Management Plan	As specified in the Management Plan
Surface water volume	Downstream of discharge points	Quantified flow measurements Detail if any discharge	Quarterly	Every 6 months
Surface water composition	Downstream of discharge points	As specified in the Management Plan	Quarterly	Every 6 months, ph, Temperature, EC, DO, NH ⁴ -N, Cl, COD
Groundwater level	Groundwater monitoring boreholes as specified in the Management Plan	Depth	As specified in the Management Plan	As specified in the Management Plan
Groundwater composition	Groundwater monitoring boreholes as specified in the Management Plan	As specified in the Management Plan	As specified in the Management Plan	As specified in the Management Plan

Weather data	Greengairs landfill site offices	Volume of precipitation Temperature (maximum and minimum °C) Direction and force of prevailing wind Evaporation Atmospheric humidity	Daily	Daily, added to monthly values Monthly average Not required Daily, added to monthly values Monthly average
Topography of landfill site	Landfill site	Structure and composition of landfill body; surface area occupied by waste; volume and composition of waste deposited; time and duration of depositing; methods of waste depositing, and calculation of remaining capacity	Annually	Not required
Settling behaviour	Landfill site	Percentage settlement	Annually	Annually
Waste types and quantities	Landfill site	Types and quantities of waste deposited	Annually	N/A

8. Table 11.3.1 has been removed and replaced with a new table 11.3.1 as follows:

Table 11.3.1

Parameter	Trigger level (mg/l)
Ammoniacal Nitrogen	2.7
Chloride	250

Nickel	0.03
Toluene	0.04
Mecoprop	0.0001
Napthalene	0.0002

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