

Environment Agency permitting decisions

Environment Agency initiated variation

We have decided to issue an Environment Agency initiated variation for Parkgate Farm Waste Management Facility operated by Hills Waste Solutions Limited.

The variation number is EPR/BK0418IS/V010.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided.

This Environment Agency has a duty, under the Environmental Permitting (England and Wales) Regulations 2010, regulation 34(1), to periodically review permits. As a result of that review we have identified a number of necessary changes we must make to landfill permits to reflect current legislation and best practice. These changes principally relate to:

- *The addition of a standard condition for landfill gas management at landfills sites;*
- *A change to the hydrogeological risk assessment condition so that reviews are undertaken every 6 years rather than every 4 years;*
- *Standard leachate and groundwater quality monitoring tables (schedule 3); and*
- *A standard reporting table (schedule 4)*

We also aim:

- *Consolidate permits - all variations to your permit will be brought together in to one permit so the requirements will be clearer.*
- *We will formalise changes to monitoring requirements and compliance limits where we have agreed them in writing, for example as the result of a hydrogeological risk assessment review.*
- *Waste acceptance rules will reflect the Landfill Directive and governments' waste strategies.*
- *We will implement the Industrial Emissions Directive (IED) and other regulatory changes.*
- *We will include permit conditions to implement the statutory requirements of the Waste Framework Directive, for example to reflect the requirements of the waste hierarchy.*

Site specific issues which result in a change to the current template will also be addressed, for example incorporating completed improvement conditions into the permit and removing inconsistencies.

Other changes may relate to a specific permit or amendments to monitoring requirements or emission limits which have been agreed with the Environment Agency but not incorporated into the permit.

Purpose of this document

This decision document:

- explains how the Environment Agency initiated variation has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Structure of this document

- Annex 1 the decision checklist

Annex 1: decision checklist

This document should be read in conjunction with the agreed Environment Agency variation request form and permit/ notice.

Aspect considered	Justification / Detail	Criteria met Yes
European Directives		
Applicable directives	All applicable European directives have been considered in the determination of the Environment Agency initiated variation.	✓
The permit conditions		
Updating permit conditions during consolidation.	<p>We have updated previous permit conditions to those in the new generic permit template as part of permit consolidation. The new conditions have the same meaning as those in the previous permit(s).</p> <p>The operator has agreed that the new conditions are acceptable.</p> <p>Certain template conditions have been amended to reflect current best practice. These changes have been developed in consultation with industry having regard to the relevant legislation as follows:</p> <p>Condition 1.4 Generic condition added to reflect the requirements of the Waste Framework Directive</p> <p>2.5.1(a). We have added reference to a specific table to clarify what wastes are permitted at which permitted</p>	✓

Aspect considered	Justification / Detail	Criteria met Yes
	<p>activity.</p> <p>2.5.2 Added to separately identify the waste types and quantities that can be accepted for restoration.</p> <p>2.8 Revised gas management condition imposed for all landfills that accept biodegradable to ensure compliance with the relevant requirements of the Landfill Directive.</p> <p>3.1.1. Generic condition imposed on all activities to simplify the sub-conditions. This avoids the need for additional sub-conditions that refer to compliance limits in individual tables in schedule 3.</p> <p>3.1.4 and 3.1.5 Revised conditions to reflect the terminology used by the Groundwater Directive.</p> <p>Sub-condition that referred to emission of 'non-hazardous pollutants' deleted. Such emissions are regulated by condition 2.3.</p> <p>Sub-conditions that referred to limits in specific tables in schedule 3 deleted as they are now covered by 3.1.1.</p> <p>3.6 Revised generic pests condition imposed on all activities.</p> <p>4.2.2. Amended to ensure that information on 'annual production/ treatment' (Schedule 4, Table S4.2) is provided in February each year where annual reports may be submitted at other times of the year. This includes data on landfill gas collection that must be reported to government by April each year.</p> <p>4.2.2(a) Text expanded to clarify the details we require in an annual report.</p> <p>4.2.2(h) New condition requiring annual submission of a plan of monitoring and extraction locations with reference to monitoring tables in Schedule 3.</p> <p>4.3.1 Generic notifications condition added Schedule 1, table S1.1. Amended description to the</p>	

Aspect considered	Justification / Detail	Criteria met Yes
	<p>landfill activity to clarify that this includes restoration. Activity references amended to reflect changes introduced by Industrial Emissions Directive (2010/75/EU).</p> <p>Leachate storage moved from a specified activity to a Directly Associated Activity.</p> <p>Table S1.3. Amended to clarify that restoration is a separate part of the landfill activity unrelated to landfill cover.</p> <p>Schedule 2. Waste types prohibited by the Landfill Directive have been removed for clarity.</p> <p>Schedule 2. Asbestos wastes incorporated into separate waste list.</p> <p>Schedule 2 inert waste codes 17 05 04, 19 12 09 and 20 02 02 incorporated into separate table for restoration</p> <p>Schedule 3. Monitoring and compliance tables have been re-ordered so that those with compliance limits appear first. Standard monitoring frequency and parameters have been included for certain routine monitoring requirements.</p> <p>Table S3.4 incorporated CO2 limits based on completion of pre-operational condition 4</p> <p>Table S3.5 Specific requirements for monitoring asbestos fibres added, where necessary</p> <p>Schedule 4, table S4.1. Amended to only require regular reports of information that relate to compliance limits.</p> <p>Table S4.2 Additional details of landfill gas extracted required to improve climate change data quality.</p> <p>Table S4.3. Amended to include natural gas as an energy source for consistency with other sectors.</p> <p>Schedule 6. Definitions added to clarify meaning of:</p> <ul style="list-style-type: none"> • Exceeded 	

Aspect considered	Justification / Detail	Criteria met
		Yes
	<ul style="list-style-type: none"> • Hazardous substance • Inert waste • Medicinal product • Previous year • Relevant waste acceptance criteria • Relevant waste acceptance procedure <p>See also Schedule 1 in the reviewed permit.</p>	
Waste types	<p>The following waste codes have been removed in line with the Landfill Directive and government strategies</p> <p>16 01 06, 16 01 16, 16 01 22, 16 05 09, 16 06 04, 16 06 05, 16 08 04, 18 01 02, and 20 01 34</p> <p>Description changes for 16 01 03 and 20 01 99</p> <p>17 08 02 removed as facility has no separate gypsum cell</p> <p>Asbestos and gypsum waste put into separate table for clarify Description changes for 15 01 11* and 17 05 03*</p> <p>Annual quantities for gypsum</p> <p>Annual quantities of wastes accepted for restoration to be agreed</p>	✓
Monitoring	<p>We have decided that monitoring should be carried out for the parameters listed in the permit, using the methods detailed and to the frequencies specified.</p> <p>Standard monitoring frequency and parameters have been included for certain routine monitoring requirements including leachate and surface water monitoring.</p> <p>Groundwater monitoring has been amended to a much reduced suite of parameters and frequency to reflect an agreement made with the Environment Agency in 2008.</p> <p>Table S3.5 Specific requirements added for monitoring asbestos fibres. The inclusion of this table is a requirement for all landfills permitted to dispose of asbestos.</p>	✓