

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Landfill Management Limited

Amberswood Leachate Treatment Plant
Manchester Road
Hindley
Wigan
Lancashire
WN2 3DA

Variation application number
EPR/PP3532MB/V003

Permit number
EPR/PP3532MB

Amberswood Leachate Treatment Plant

Permit number EPR/PP3532MB

Introductory note

This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

The installation treats non-hazardous leachate from Amberswood Landfill site by a methane stripping process. Leachate is pumped from the landfill site into the first of a series of three aeration tanks on the installation. Methane gas is removed from the leachate by the passage of air bubbles introduced into the tanks by an aeration unit. The leachate flows from one tank to the next in series, allowing sufficient residence time for the methane to be stripped from the leachate. The treated leachate is then pumped via a pipe to the public sewer. The leachate is treated by Wigan waste water treatment works before discharge to the River Douglas.

The installation is permitted to treat up to 150 m³/d of non-hazardous leachate a day, up to a maximum of 55,000 tonnes a year. These activities are covered by the description in Section 5.4 Part A(1)(a)(ii) 'Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment'.

The variation has arisen due to the need to treat a greater volume of leachate from the landfill in order to avoid break outs into nearby watercourses. The maximum daily discharge volume will increase from 150 m³/d to 250 m³/d, or a maximum of 92,000 tonnes per year. The variation also incorporates the changes required by the Industrial Emissions Directive.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application PP3532MB	18/12/06	
Schedule 4 Notice	29/06/07	Response dated 27/07/07
Permit determined	17/09/07	
Agency variation determined EPR/PP3532MB/V002	22/01/14	Agency variation to implement the changes introduced by IED
Application EPR/PP3532MB/V003	Duly made 04/02/14	Application to increase maximum permitted discharge volume
Variation determined EPR/PP3532MB/V003	15/04/14	Varied permit issued

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/PP3532MB

issued to:
Landfill Management Limited (“the operator”)

whose registered office is

Ground Floor West
900 Pavilion Drive
Northampton Business Park
Northampton
NN4 7RG

company registration number **02069821**

to operate a regulated facility at

Amberswood Leachate Treatment Plant
Manchester Road
Hindley
Wigan
Lancashire
WN2 3DA

to the extent set out in the schedules.

The notice shall take effect from 15/04/2014

Name	Date
Anne Nightingale	15/04/2014

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator:

- Operating techniques are added to Table S1.2

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	Sections B2.1 and B2.2 and Appendix 3 "Process Description and Pollution Control" of the application	29/11/06
Schedule 4 Notice response	Parts 2) and 3)	Response dated 27/07/07
Application	Application form Part C3 - Section 3 on Operating Techniques, Table 3 Technical Standards and Letter ref: 416.00197.00877/Not Duly Made	04/02/14

- The permitted waste quantity is amended in Table S3.2

Table S3.2 Permitted waste types and quantities for treatment of non-hazardous landfill leachate	
Maximum quantity	
Waste code	Description
92,000 tonnes per year	
19 07 03	Non-hazardous landfill leachate

The following conditions are amended as detailed, following an Environment Agency initiated variation:

- Conditions 4.3.1 and 4.3.2 are updated to implement the requirements of the Industrial Emissions Directive.

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
- (i) inform the Environment Agency,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;

- (b) in the event of a breach of any permit condition the operator must immediately—
 - (i) inform the Environment Agency, and
 - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 (a)(i), or 4.3.1 (b)(i) where the information relates to the breach of a limit specified in the permit, shall be confirmed by sending the information listed in schedule 6 to this permit within the time period specified in that schedule.

Schedule 3 – conditions to be added

The following conditions are added following an Environment Agency initiated variation:

- Condition 3.1.3 is added to implement the periodic monitoring requirements of the Industrial Emission Directive

3.1.3 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

- The following definition is added to Schedule 6 – Interpretation

“Industrial Emissions Directive” means DIRECTIVE 2010/75/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 24 November 2010 on industrial emissions.

Schedule 4 – amended plan

Amended plan attached

