

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

3C Waste Limited
Maw Green Landfill Site
Maw Green Road
Coppenhall
Crewe
Cheshire
CW1 5NG

Variation application number

EPR/BS7722ID/V007

Permit number

EPR/BS7722ID

Maw Green Landfill Site

Permit number EPR/BS7722ID

Introductory note

This introductory note does not form a part of the notice

Under the Environmental Permitting (England & Wales) Regulations 2016 (schedule 5, part 1, paragraph 19) a variation may comprise a consolidated permit reflecting the variations and a notice specifying the variations included in that consolidated permit.

Schedule 1 of the notice specifies the conditions that have been varied and schedule 2 comprises a consolidated permit which reflects the variations being made.

The main features of this Permit variation are as follows:

The Operator will use an existing concrete pad formerly used as a composting facility (located in the central eastern area of site, near to the site boundary with the rail line) to install a Soil Treatment Facility. This Treatment Facility will accept various hazardous and non-hazardous waste codes, treated by biopile technology and moisture control, with the addition of nutrients and forced air extraction to encourage micro-organism growth to facilitate hydrocarbon compound breakdown into water vapour and Carbon Dioxide.

Biopiles will be placed on water and air extraction pipes connected to a blower, which draws air through the soils where it is then passed through a biofilter, prior to discharge to air. Excess waste draining through the soils will be collected within the process pipework, from where it will be pumped into the small treatment plant prior to discharge from site to sewer or redirected via pipeline to humidify the biofilter. There is also the option to irrigate the biopile if required in the event of sustained dry periods of weather which could prove detrimental to the treatment process.

The Soil Treatment Facility can accept up to 50,000 tonnes per annum of soils, made up of both hazardous and non-hazardous waste, with a maximum capacity at the facility of 38,000 tonnes at any one time. The maximum treatment time for soils is 6 months in general, with a majority having a treatment residency of between 8 and 16 weeks.

Following treatment, the waste soil will be sampled and tested to confirm whether it meets the end point criteria. The end-point criteria is determined as being below the acceptance thresholds for waste suitable for restoration set out in the restoration plan for the landfill.

All storage and treatment will take place on impermeable surfaced areas, and drain to a sealed drainage system. There are no changes to the existing landfill activity.

Information relating to the discharge of treated leachate from the landfill was added back into the Permit following an omission in the previous variation. Water collected from the Soil Treatment Facility sealed drainage system is either used in maintaining moisture levels in the treatment process or redirected to the leachate treatment containers prior to disposal to sewer. A new plan showing the sewer connection to the site has been provided as part of this variation notice.

The schedules specify the changes made to the 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 EPR/BS7722ID/A001	09/10/2003	Received
Request for information	17/06/2004	Response received 19/07/2004
Request for information	23/06/2004	Response received 06/07/2004
Request for information	06/07/2004	Response received 20/07/2004
Request for information	25/08/2004	Response received 06/10/2004 and 11/10/2004
Request for information	30/12/2004	Response received 14/01/2005 and 27/01/2005
Permit determined EPR/BS7722ID	15/02/2005	
Variation notice UP3232LQ determined (EPR/BS7722ID/V002)	17/03/2005	
Application for Permit variation (EPR/BS7722ID/V003)	10/10/2007	Application received
Variation notice FP3931XK determined (EPR/BS7722ID/V003)	30/05/2008	
Environment Agency variation determined (EPR/BS7722ID/V005)	14/05/2013	Agency variation to implement changes introduced by IED
Environment Agency Landfill Sector Review Permit reviewed Variation notice determined EPR/BS7722ID/V006 (Billing ref: EP3538DW)	15/02/2017	Permit varied and consolidated permit issued in the modern format
Application EPR/BS7722ID/V007	Duly made 11/07/2019	Application to vary Permit to include soil treatment facility and associated Activities on site.
Request for information in Schedule 5 Notice	23/08/2019	Response received 23/10/2019
Request for information in Schedule 5 Notice	22/11/2019	Responses received 13/12/2019 and 10/01/2020
Request for information by email	20/01/2020	Response received 12/02/2020
Variation determined EPR/BS7722ID/V007 (Billing Ref: WP3934QP)	18/03/2020	Varied permit issued.

End of introductory note

Notice of variation and consolidation

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The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number

EPR/BS7722ID

Issued to

3C Waste Limited ("the operator")

whose registered office is

Ground Floor West

900 Pavilion Drive

Northampton Business Park

Northampton

NN4 7RG

company registration number 02632581

to operate a regulated facility at

Maw Green Landfill Site

Maw Green Road

Coppenhall

Crewe

Cheshire

CW1 5NG

to the extent set out in the schedules.

The notice shall take effect from 18/03/2020

Name	Date
Philip Lamb	18/03/2020

Authorised on behalf of the Environment Agency