

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Mekatek Limited

**Amex Park
Llanstephan Road
Johnstown
Carmarthen
SA31 3NF**

Variation number

EPR/YP3937SH/V006

Permit number

EPR/YP3937SH

Amex Park

Permit number EPR/YP3937SH

Introductory note

This introductory note does not form a part of the notice.

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

This is a permit variation following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) Waste Treatment. The associated BAT conclusions to this document were published on the 17th August 2018 in the Official Journal of the European Union.

This variation incorporates the changes required by the Industrial Emissions Directive following a statutory review of permits in the Waste Treatment sector. These include the amendment of the wording of several permit conditions relating to notifications, changes to emission limits and monitoring requirements. The interpretation section of the permit has also been updated and the opportunity has been taken to consolidate the original permit and subsequent variations.

We are satisfied that the operator will be compliant with the published BAT conclusions which will apply from 17th August 2022.

The rest of the installation is unchanged and continues to be operated as follows.

The site covering an area of approximately 7 hectares, is situated on Amex Park, a small industrial estate in Johnstown (Grid Reference SN 40150 19300). It is approximately 4 kilometres from Carmarthen town centre. The site is based on the site of a previous dairy and its infrastructure and waste water treatment works have been adapted and modified by the permit holder to treat industrial waste effluents.

The site carries out a variety of waste disposal and recovery processes. A summary of these is as follows:

Most of the effluents are delivered to the site by road tanker. Effluents are filtered to remove solids during discharge and then undergo blending with high and low strength effluents in the high strength biodegradable effluent area before they are transferred for treatment into the main biological treatment plant where they undergo aerobic biological treatment. Removed solids are sent for disposal to landfill and the treated effluent is discharged into the River Tywi.

The recovery and disposal of waste oils and oil/water mixtures is carried out in the free oil separation area. The wastes are delivered to the site by road tanker, or in containers. Free oil/water mixtures are discharged to the free oil separation tanks where the oil is separated by gravity and heat which is provided by the on-site boiler. The separated water is filtered to remove solids before being transferred for further treatment in the main biological treatment plant.

The recovered waste oil is sent off-site for further processing or use as an alternative fuel. The oil contaminated solids are transferred for further treatment in the biodegradation facility on-site. The recovery and disposal of soluble waste oils is carried out in the soluble oil facility where the wastes are delivered to the site by road tanker or in containers. On arrival they are discharged into a storage tank where they undergo treatment in the working tank via an ultrafiltration unit. The concentrated oil mixture is pH adjusted to aid further separation. The recovered oil is then sent off site for further processing or for use as an alternative fuel. The separated water is transferred to the main biological treatment plant for further treatment.

The disposal of hazardous drummed and containerised waste is carried out in the transfer facility. These wastes are stored in segregated bays according to their waste type and property, pending onward disposal off-site or disposal or recovery on-site via the waste oil recovery plants, biological treatment plant or biodegradation facility.

The biological treatment of hazardous sludges is carried out in the biodegradation area where waste absorbents and packaging are delivered to the site in containers or skips. The biodegradation facility also accepts oil-contaminated solids from the site's own oil recovery operations. The degradation of wastes involves inoculation with activated sludge from the main biological treatment plant or the use of specific bacterial inoculations. The process also involves mixing, watering and aeration to remove hazardous substances. The degraded wastes are then disposed of off-site to landfill.

A waste activity of asbestos waste transfer station is also carried out at the site.

The schedules specify the changes made to the permit. Schedule 1 of the notice specifies the conditions that have been varied and Schedule 2 comprises a consolidated permit which reflects the changes being made.

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 received	19/10/05	
Request for further information sent 10/10/05	17/10/05	Response received
Request to extend determination received 06/04/06	19/04/06	Request accepted
Request for further information sent 27/04/06	03/05/06	Response received
Permit determined YP3937SH	16/06/06	
Variation application received	02/01/08	
Variation application duly made	07/01/08	
Schedule 7 Notice:	03/04/08	Response received

Request for further information sent 14/03/08		
Variation determined EPR/YP3937SH/V002	15/04/08	PAS reference TP3435XD
Regulator Initiated Variation Request EPR/YP3937SH	18/02/10	PAS reference UP3039TW. Variation to: <ul style="list-style-type: none"> - revise emission limit values - add additional monitoring requirements - update the permit to the current template and consolidated previous variations.
Variation Notice issued EPR/YP3937SH/V003	06/04/10	
Variation application EPR/YP3937SH	Duly Made 18/01/2017	Application to change company's registered address.
Variation issued EPR/YP3937SH/V004	20/01/2017	Varied permit issued to Mekatek Limited
Variation application EPR/YP3937SH	Duly made 22/08/18	Application to add de-foaming agent to treated effluent.
Variation determined EPR/YP3937SH/V005	08/11/18	Variation issued.
Regulation 61 Notice sent to the Operator	05/04/19	Issue of a Notice under Regulation 61(1) of the EPR. Natural Resources Wales initiated review and variation to vary the permit following the publication of the revised Best Available Techniques (BAT) Reference Document (BREF) for Waste Treatment.
Regulation 61 Notice response	27/09/19	Response received from the operator.
Additional information received	07/10/20	Consisting of WT BREF Response to request for further information received 20.08.2020 - DGL.V1.07.10.2020
	27/04/21	Consisting of documents referred to in response of 07/10/2020
	30/04/21	
NRW-initiated variation determined EPR/YP3937SH/V006	25/08/21	Varied and consolidated permit issued to Operator

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies and consolidates

Permit number

EPR/YP3937SH

issued to

Mekatek Limited (“the operator”)

whose registered office is

MBG House

Unit C Maerdy Industrial Estate

Rhymney

Tredegar

Gwent

Wales

NP22 5PY

company registration number **01905259**

to operate an installation at

Amex Park

Llanstephan Road

Johnstown

Carmarthen

SA31 3NF

to the extent set out in the schedules.

The notice shall take effect from 25/08/2021

Name	Date
Holly Noble	25/08/21

Authorised on behalf of Natural Resources Wales

Schedule 1

All conditions have been varied by the consolidated permit as a result of a Natural Resources Wales initiated variation.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.