

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Dŵr Cymru Cyfyngedig

Llys y Fran Dam Wastewater Treatment
Works
Llys y Fran
Clarbeston Road
Pembrokeshire
SA63 4RS

Variation application number
PAN-003982

Permit number
BP0366401

Llys y Fran Dam Wastewater Treatment Works

Permit number BP0366401

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.

The variation is to increase the dry weather flow from 9.9 cubic metres per day to 14.5 cubic metres per day. The discharge point has been changed from SN 03963 24241 to SN 03787 24195 and the effluent sampling point has also moved from SN 03963 24241 to SN 03950 24249. Limits of 40mg/l BOD, 60mg/l suspended solids and 20mg/l ammonia have also been added.

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. It is not backdated before 6 April 2010.

Status log of the permit		
Description	Date	Comments
Application PAN-003982	Duly made 04/12/2018	Application to vary the permit to increase the dry weather flow, move the discharge point NGR and update the permit to modern conditions.
Variation determined BP0366401	06/03/2019	Varied and consolidated permit issued in modern condition format.

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
BP0366401

issued to:
Dŵr Cymru Cyfyngedig (“the operator”)

whose registered office is

Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

company registration number **02366777**

to operate a regulated facility at

Llys y Fran Dam Wastewater Treatment Works
Llys y Fran
Clarbeston Road
Pembrokeshire
SA63 4RS

to the extent set out in the schedules.

The notice shall take effect from 01/11/2019

Name	Date
Emily Roe	06/03/2019

Authorised on behalf of Natural Resources Wales

Schedule 1

The following conditions were varied as a result of the application made by the operator:

Schedule 3, table S3.1

Schedule 3, table S3.2

Schedule 3, table S3.3

All other 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.

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number
BP0366401

This is the consolidated permit referred to in the variation and consolidation notice for application BP0366401/V002 authorising,

Dŵr Cymru Cyfyngedig (“the operator”),
whose registered office is

Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

company registration number **02366777**
to operate a water discharge activity at

Llys y Fran Dam Wastewater Treatment Works
Llys y Fran
Clarbeston Road
Pembrokeshire
SA63 4RS

to the extent authorised by and subject to the conditions of this permit.

Name	Date
Emily Roe	06/03/2019

Authorised on behalf of Natural Resources Wales

Conditions

1 Management

1.1 General management

1.1.1 The operator shall manage and operate the activity:

- (a) in accordance with a written management system that identifies and minimises risks of pollution so far as is reasonably practicable, including those risks arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of the permit.

2 Operations

2.1 Permitted activities

2.1.1 The only activity authorised by the permit is the activity specified in schedule 1 table S1.1.

2.2 The site

2.2.1 The discharge activity shall take place at the discharge point marked on the site plan at schedule 7 to this permit, and as listed in table S3.2.

3 Emissions and monitoring

3.1 Emissions to water

3.1.1 The limits given in schedule 3 table S3.1 shall not be exceeded.

3.1.2

- (a) For the emission limits in schedule 3 table S3.1 to which this condition applies, no sample of the discharge taken at a time when unusual weather conditions are adversely affecting the operation of the waste water treatment works, shall

be taken into account in deciding whether or not the emission limit has been complied with.

- (b) On any occasion where unusual weather conditions adversely affect the operation of the waste water treatment works, the operator shall use its best endeavours to mitigate that adverse effect.
- (c) For any sample of the discharge taken to be considered for the purposes of (a) above, the operator shall notify Natural Resources Wales in writing within 14 days of becoming aware that an emission limit has been exceeded. That notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 The operator shall take appropriate measures to minimise so far as reasonably practicable the polluting effects of the emissions of substances in the discharge not controlled by emission limits (excluding odour).

3.3 Monitoring

- 3.3.1 An accessible monitoring point shall be provided and maintained to enable the emissions monitoring programme to be carried out at the monitoring point specified in table S3.3 of schedule 3 and shown marked on the site plan in schedule 7

4 Information

4.1 Records

- 4.1.1 All records required to be made by schedule 3, 4 and 5 to this permit shall:

- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by Natural Resources Wales, for at least 6 years from the date when the records were made.

- 4.1.2 The operator shall maintain convenient access, in either electronic or hard copy, to the records, plan and management system required to be maintained by this permit.

4.2 Reporting

The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.

4.3 Notifications

4.3.1 Natural Resources Wales shall be notified as soon as reasonably practicable following detection, within the site of the regulated facility of:

- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution; and
- (b) any breach of a limit specified in schedule 3 table S3.1.

Any other significant adverse environmental effects, which may have been caused by the activity, shall also be notified to Natural Resources Wales as soon as reasonably practicable following detection.

4.3.2 The information provided under condition 4.3.1 shall be supported by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.

4.3.3 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

4.3.4 where the operator proposes to make a change in the nature of the activity by increasing the concentration of, or the addition of, or allowing the introduction of, a substance to the activity to an extent that the operator considers could have a significant adverse environmental effect on the receiving waters, and the change is not permitted by emission limits specified within schedule 3 table S3.1 or the subject of an application for approval under the EP Regulations or under the terms of this permit:

- (a) Natural Resources Wales shall be notified in writing at least 14 days before the increase or addition or allowing the introduction; and
- (b) the notification shall contain a description of the proposed change.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.3 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made “as soon as reasonable practicable”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 Activities	
Description of activity	Limits of specified activity
Discharge of secondary treated sewage effluent via Discharge point	The population equivalent of the agglomeration served by the wastewater treatment works shall not exceed 250. The discharge shall not contain any trade effluent.

Schedule 2 – Waste types, raw materials and fuels

Schedule 2 not in use.

Schedule 3 – Emissions and monitoring

Table S3.1 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements

Effluent and discharge point	Parameter	Limit (including unit)	Reference Period	Limit of effective range	Monitoring frequency	Compliance Statistic
Secondary treated sewage effluent via Discharge point	Dry weather flow	14.5 m ³ /day	Total daily volume	N/A	N/A	Maximum
	ATU-BOD as O ₂	40 mg/l	Instantaneous (spot sample)	N/A	N/A	Maximum
	Suspended solids (measured after drying at 105° C)	60 mg/l	Instantaneous (spot sample)	N/A	N/A	Maximum
	Ammoniacal nitrogen (expressed as N)	20 mg/l	Instantaneous (spot sample)	N/A	N/A	Maximum
	Visible oil or grease	No significant trace present so far as is reasonably practicable	Instantaneous (visual examination)	N/A	N/A	No significant trace (Condition 3.1.2 applies)

Table S3.2 Discharge points

Effluent Name	Discharge Point	Discharge point NGR	Receiving water
Secondary treated sewage effluent	Discharge point	SN 03787 24195	Afon Syfynwy

Table S3.3 Monitoring points

Effluent and discharge point	Monitoring type	Monitoring point NGR	Monitoring point reference
Secondary treated sewage effluent via Discharge point	Effluent sampling point	SN 03950 24249	Sample Point

Schedule 4 – Reporting

Schedule 4 not in use.

Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

Part A

Permit Number	BP0366401
Name of operator	Dŵr Cymru Cyfyngedig
Location of Facility	Llys y Fran Dam Wastewater Treatment Works, Llys y Fran, Clarboston Road, Pembrokeshire, SA63 4RS
Time and date of the detection	

(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution	
To be notified within 7 days of detection unless otherwise agreed in writing by Natural Resources Wales	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released/type or nature of sewage released	
Best estimate of the quantity or rate of release of substances and/or duration of discharge	
Best estimate of the environmental impact of the discharge	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

Part B – to be submitted as soon as reasonably practicable unless otherwise agreed in writing by Natural Resources Wales

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident/breach/exceedance	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	

Name*	
Post	
Signature	
Date	

* authorised to sign on behalf of the operator

Schedule 6 – Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“Dry weather flow” (DWF), measured as m³/d, is defined as follows: $DWF = PG + I_{DWF} + E$, where P = population in the catchment, G = per capita domestic sewage flow, I_{DWF} = dry weather infiltration, and E = trade effluent flow.

“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the permitted activities, which are not controlled by an emission limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“Natural Resources Wales” means the Natural Resources Body for Wales established by article 3 of the Natural Resources Body for Wales (Establishment) Order 2012. The Natural Resources Body for Wales (Functions) Order 2013 transferred the relevant functions of the Countryside Council for Wales, and functions of the Environment Agency and the Forestry Commission in Wales to the Natural Resources Body for Wales.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“significant adverse visible effect” means dead or distressed fish, other animals or plants in the vicinity of the discharge, appreciable deposit of solid material; significant growth of sewage fungus; appreciable discolouration.

“significant pollution” means a high level impact incident as indicated by NRW incident classification system.

“unusual weather conditions” includes, but is not limited to:

low ambient temperatures, or the freezing of mechanical equipment in the works;

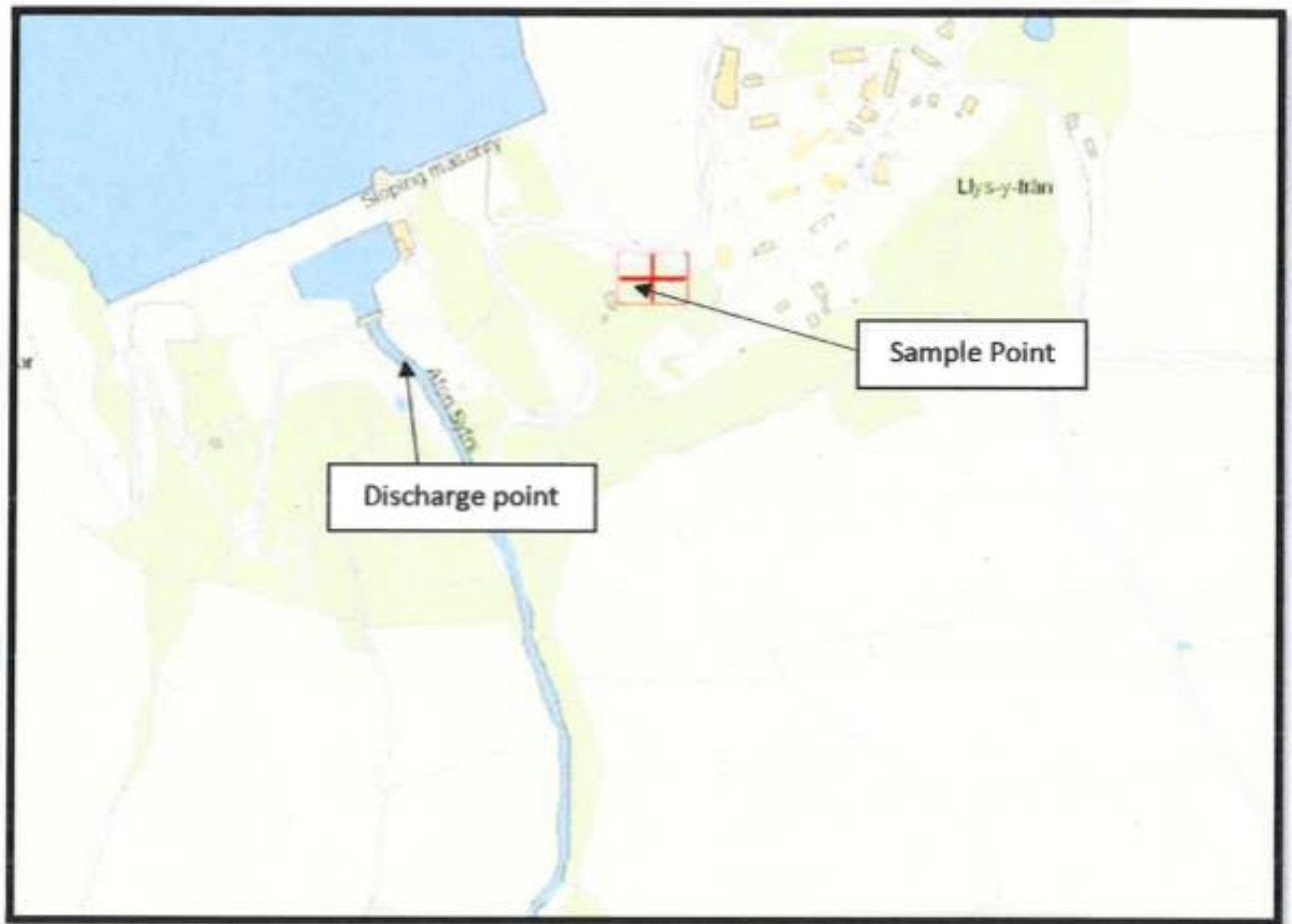
significant snow deposits;

tidal or fluvial flooding;

weather conditions causing unforeseen loss of power supply to the sewage treatment that could not be ameliorated by the reasonable provision and operation of standby generation facilities.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT