

Notice of variation and consolidation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Dŵr Cymru Cyfyngedig

Combined Sewer Overflow serving
Nolton Haven Pumping Station
Nolton Haven
Haverfordwest
Pembrokeshire
SA62 3NH

Variation application number

EPR/UP3629XK/V002

Permit number

EPR/UP3629XK

Nolton Haven Sewage Pumping Station

Permit number EPR/UP3629XK

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 permit has been varied to include the provision to discharge in an emergency and to update the permit following completion of bathing water improvement conditions included in the original permit.

The Combined Sewer Overflow is designed to meet bathing water standards and includes event duration monitoring.

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
Permit determined EPR/UP3629XK	17/07/2012	Permit issued to Dŵr Cymru Cyfyngedig.
Variation application received EPR/UP3629XK/V002	31/10/2013	Application to vary the permit to include the discharge in an emergency and to update the permit following improvement conditions.
Variation determined	23/02/2016	Permit issued to Dŵr Cymru Cyfyngedig.

End of introductory note

Notice of variation and consolidation

The Environmental Permitting (England and Wales) Regulations 2010

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 2010 varies and consolidates

permit number
EPR/UP3629XK

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

whose registered office is

Pentwyn Road
Nelson
Treharris
CF46 6LY

company registration number **02366777**

to operate a water discharge at

Nolton Haven Sewage Pumping Station
Nolton Haven
Haverfordwest
Pembrokeshire
SA62 3NH

to the extent set out in the schedules.

The notice shall take effect from 23/02/2016

Name	Date
Terry Gulliford	23/02/2016

Authorised on behalf of Natural Resources Wales

Schedule 1

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

- Table S1.1, S1.2, S3.1, S3.2, S3.3, S3.4, S4.1 and S4.2.
- Schedule 7 – Site plan.

All other conditions have been varied as a result of a regulator initiated variation by the consolidated permit ERP/UP3629XK/V002.

Schedule 2 – consolidated permit

Consolidated permit issued as a separate document.

Permit

The Environmental Permitting (England and Wales) Regulations 2010

Permit number

EPR/UP3629XK

This is the consolidated permit referred to in the variation and consolidation notice for application EPR/UP3629XK 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

**Nolton Haven Sewage Pumping Station
Nolton Haven
Haverfordwest
Pembrokeshire
SA62 3NH**

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

Name

Date

Terry Gulliford	23/02/2016
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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; and, the operating techniques that are the subject of conditions prefixed by 2.3 shall be applied at the location shown, or otherwise described, in schedule 7.

2.3 Operating techniques

- 2.3.1 For the activity A1 referenced in schedule 1, table S1.1 the activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, table S1.2, unless otherwise agreed in writing by Natural Resources Wales.
- 2.3.2 For the discharges specified in table S3.3:
- (a) The discharge shall only occur when and only for as long as the flow passed forward is equal to or greater than the overflow setting indicated due to rainfall and/or snow melt.
 - (b) The on-line storage capacity indicated must be fully utilised before a discharge occurs. It shall only fill with the excess flows due to rainfall and/or snow melt. The storage shall be emptied and its contents returned to the continuation sewer as soon as reasonably practicable.
 - (c) The discharge shall not be comminuted or macerated and shall have passed through screens as specified. All screenings shall be removed from the discharge.
 - (d) Where a mechanically cleaned screen is installed, a telemetry alarm system shall be installed and maintained so as far as reasonably practicable to give the operator immediate notification of a failure of the screen cleaning mechanism, unless otherwise agreed in writing by Natural Resources Wales.

Resources Wales. The operator shall take all appropriate measures to return the screen cleaning mechanism to normal operation as soon as reasonably practicable after receipt of notification of the failure.

- 2.3.3 The operator shall implement any remedial actions specified by Natural Resources Wales as a result of any investigation carried out in accordance with condition 3.1.2, and any remedial actions shall be completed to a reasonable timescale specified by Natural Resources Wales.

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) If the measured adjusted number of significant spills exceeds the limit specified in Table S3.1 then the operator shall:
- i) within 2 months of the end of the reporting period, submit to Natural Resources Wales for approval, with reference to the Best Practice Guidance in Schedule 4 Table 4.2, proposals for an investigation into the operation of the overflow including a timetable for the investigation;
 - ii) investigate the reasons for the exceedance in accordance with the approved investigation proposals;
 - iii) within 12 months of the start of the investigation submit to Natural Resources Wales for approval a report on the reasons for the exceedance and the steps that it proposes to take to restore compliance.
- (b) An exceedance of the adjusted number of spills limit shall not be recorded as a failure if the operator is meeting the requirements of conditions 3.1.2 (a) and 2.3.5.
- (c) For compliance with this permit the adjusted number of spills is calculated as the sum of the total number of adjusted spills (Nop) calculated for the period when the event recorder was working normally and the assumed number of adjusted spills (Ninop) for any periods when the event recorder was inoperative.

3.2 Monitoring

3.2.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:

- (a) point source emissions specified in tables S3.1 and S3.4.

3.2.2 The operator shall maintain records of all monitoring required by this permit.

3.2.3 An Accessible sample points shall be provided and maintained to enable sampling/monitoring of emissions to be carried out at the monitoring points specified in table S3.4 of schedule 3 and shown marked on the site plan in schedule 7.

3.3.4 The Operator shall take appropriate measures to ensure that the event recorder remains fully operational at all times within the reference period specified in table S3.1. Any failures shall be remedied as soon as reasonably practicable.

3.3.5 The Operator shall record all periods when the event recorder was inoperative and shall calculate the total duration D(inop) of inoperation during the reference period specified in table S3.1 and the total duration D(op) of normal operation during the period The reasons for any periods of inoperation shall be recorded and all reasonable steps shall be taken to prevent a re-occurrence.

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

4.2.1 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.

4.2.2 Within the time period after the end of the reporting period specified in schedule 4 table S4.1 the operator shall, unless otherwise agreed in writing by Natural Resources Wales, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and monitoring points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
- (c) giving the information from such results and assessments as may be required by the forms specified in those tables.

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 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. 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.

4.4 Interpretation

- 4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.
- 4.4.2 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 reasonably practicable”, in which case it may be provided by telephone.

Schedule 1 – Operations

Table S1.1 Activities		
Activity reference	Description of activity	Limits of specified activity
A2	Discharge of storm sewage via Outlet 1	N/A
A1	Discharge of sewage in an emergency via Outlet 1	<p>An emergency shall be defined as the period where the sewage pumping station is inoperative as a result of one or more of the following, which is not due to the act or default of the operator, its agents, representatives, officers, employees or servants;</p> <ul style="list-style-type: none"> • Electrical power failure; • Mechanical breakdown of duty and standby pumps; • Rising main failure; • Blockage of the downstream sewer

Table S1.2 Operating techniques			
Activity reference	Description of documentation	Parts	Date Received
A1	OT1 – PSKPM	Pumping Station Emergency Discharge Key Protection Measures	17/07/2015

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(s) and discharge point(s)	Parameter	Limit (including unit)	Reference Period	Limit of effective range	Monitoring frequency	Compliance Statistic
Storm sewage via Outlet 1	Discharge start and end times	N/A	1st May to 30th September inclusive	N/A	Whenever a discharge occurs	(Condition 3.1.2 applies)
Storm sewage via Outlet 1	Adjusted number of significant spills	8 spills per bathing season	1 st May to 30 th September inclusive	N/A	Whenever a discharge occurs	(Condition 3.1.2 applies - the spills threshold is a trigger for investigation only and not a statistic for use in compliance of asset)
Storm sewage via Outlet 1	Adjusted number of spills	A statistically significant deterioration in performance	1 st January to 31 st December inclusive	N/A	Whenever a discharge occurs	(Condition 3.1.2 applies)
Sewage in an emergency	Discharge start and end times	N/A	N/A	N/A	Whenever a discharge occurs	N/A

Table S3.2 Discharge points			
Effluent Name	Discharge Point	Discharge point NGR	Receiving water
Storm sewage	Outlet 1	SM 85997 18644	Tributary of Nolton Bay
Sewage in an emergency	Outlet 1	SM 85997 18644	Tributary of Nolton Bay

Table S3.3 Storm sewage discharge settings					
Emission	Description of discharge	Overflow setting l/s	Screen aperture size	Minimum screen capacity flow l/s	On-line storage capacity m3
Storm sewage via Outlet 1	Storm sewage	4	6 mm x 6 mm	25	8.7

Table S3.4 Monitoring points			
Effluents and discharge points	Monitoring type	Monitoring point NGR	Monitoring point reference
Storm sewage and sewage in an emergency via Outlet 1	Effluent sampling	SM 86035 18617	Effluent sample point
Storm sewage via Outlet 1	Event duration monitoring	SM 86035 18617	Event duration monitoring point

Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

Table S4.1 Reporting of monitoring data			
Parameter	Monitoring point reference	Reporting period	Period begins
Combined sewer overflow performance, including adjusted number of significant spills.	Effluent sample point	Annually and bathing season Report to be submitted within 2 months after end of reporting period.	1st May bathing season and 1 st January for annual reporting
Operation of the emergency overflow	Effluent sample point	Annually Report to be submitted within 2 months after end of reporting period.	1st January

Table S4.2 Reporting forms	
Parameter	Reporting format
Combined sewer overflow performance	Annual / Bathing Season summary report
Combined sewer overflow performance	Counted spills in an electronic format specified by Natural Resources Wales
Operation of the emergency overflow	Annual summary report or other form as agreed in writing by Natural Resources Wales
Investigation into the operation of the overflow	Best Practice Guidance.

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	
Name of operator	
Location of Facility	
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 24 hours 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.

“adjusted number of spills” during the period is the sum of N(op) and N(inop)

"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.

“D(op)” is the total duration of normal operation of the event recorder during the Bathing Season/Annual period.

“D(inop)” is the total duration of inoperation of the event recorder during the Bathing Season/Annual period.

"event recorder" a recorder which records the start time and end time of individual overflow events

“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 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

“minimum screen capacity flow” means the minimum flow passed through the screens to the outfall when the screen bypass operates.

“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.

“N(op)” is the number of adjusted spills calculated for the period when the event recorder was working normally.

“N(av)” is the average number of adjusted spills per day calculated from D(op) and N(op) for the period when the event recorder was working normally.

“N(inop) is the assumed number of adjusted spills for the periods when the event recorder was inoperative and is calculated by multiplying D(inop) by N(av).

“overflow event” any individual operation, of any duration, of the event recorder or any recorded discharge of sewage from the outfall

“overflow setting” means the minimum flow passed forward to the continuation sewer when the overflow operates.

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

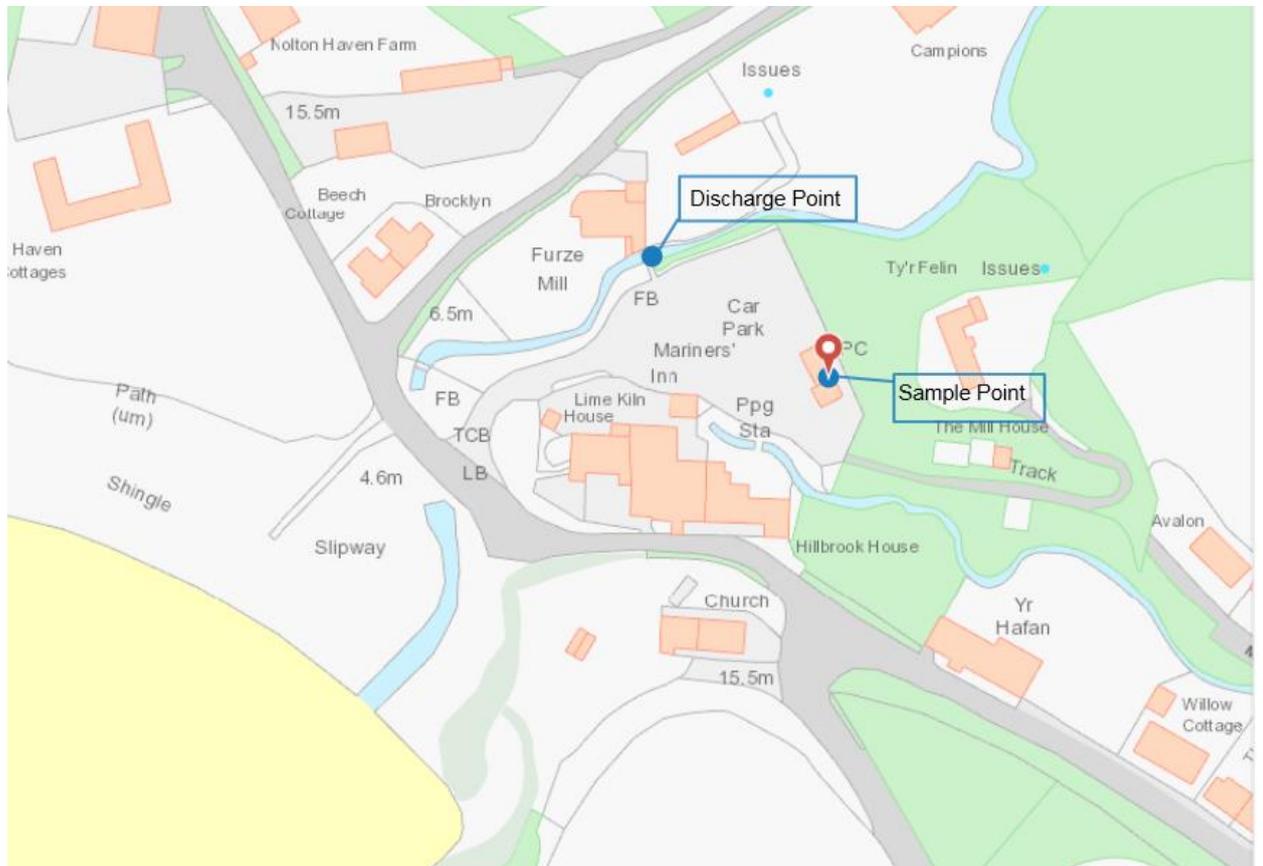
“significant pollution” means a category 1 or category 2 incident indicated by the Common Incident Classification Scheme (CICS).

“significant spill” any spill that has not been demonstrated to have been, or measured as being, less than 50 m³ in volume.

“spill” one or more overflow events within a period of 12 hours or less will be considered to be one spill, one or more overflow events extending over a period of greater than 12 hours up to 36 hours will be considered to be 2 spills. Each subsequent 24 hour duration counts as 1 additional spill and the whole of the 24 hour block is included.

“year” means calendar year ending 31 December.

Schedule 7 – Site plan



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END OF PERMIT