

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Thames Water Utilities Limited

Combined sewer overflow at North West Storm Relief
Hammersmith Bridge Road
London
W6 9DA

Permit number

10571

Combined sewer overflow at North West Storm Relief

Permit number 10571

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The permit for these discharges operated by Thames Water Utilities Limited was previously deemed to have been granted on 5 October 1987 by virtue of the Control of Pollution (Exemption of Certain Discharges of Control) Orders 1986 and 1987, when the application for a consent was made. The Environment Agency requested that Thames Water Utilities Limited provide information to enable the determination of the permit application. This notice provides the combined sewer overflow with an individual permit in a modern format.

This permit also reflects asset improvements that have been agreed between the Environment Agency and Thames Water Utilities Limited as part of the National Environment Programme. This permit requires the operator to install event duration monitoring (EDM) with telemetry on the storm sewage discharges.

Storm effluent from North West Storm Relief flows into a siphon tunnel. When the siphon tunnel does not fill, it drains storm effluent back to Hammersmith Storm Relief (West Branch). If the level in the siphon gets high enough during a storm event, it will overflow and spill via an outfall pipe that drains to the river.

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

Status log of the permit		
Description	Date	Comments
Deemed consent number 10571 took effect when the application for a consent was made	5/10/1987	
Additional information received	31/03/2020	EDM year 5 return and additional site information received from Thames Water Utilities Limited
Permit determined 10571	10/03/2022	Permit issued to Thames Water Utilities Limited

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

10571

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

Thames Water Utilities Limited (“the operator”),

whose registered office is

Clearwater Court

Vastern Road

Reading

Berkshire

RG1 8DB

company registration number 02366661

to operate a water discharge activity at

North West Storm Relief Combined Sewer Overflow

Hammersmith Bridge Road

London

W6 9DA

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

Name	Date
David Griffiths	10/03/2022

Authorised on behalf of the Environment Agency

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 locations shown, or otherwise described, in schedule 7.

2.3 Operating techniques

- 2.3.1 The activity 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 the Environment Agency.
- 2.3.2 For the discharge(s) specified in table S3.3:
- (a) The discharge shall only occur when and only for as long as either:
 - (i) the flow passed forward is equal to or greater than the overflow setting indicated due to rainfall and/or snow melt, or
 - (ii) the hydraulic capacity of the sewer network downstream of the combined sewer overflow is reached due to rainfall and/or snow melt and the level of storm sewage in the sewer at the combined sewer overflow is greater than the weir level of the overflow structure which is specified as an overflow setting in table S3.3.

The overflow and sewer network (both upstream and downstream) shall not be altered in any way which would lead to a significant increase in the frequency or volume of the discharge, unless otherwise agreed in writing.
 - (b) The discharge shall not be comminuted or macerated.

- (c) Event duration monitoring telemetry equipment shall be installed and maintained, as far as reasonably practicable, so as to give the operator notification, as soon as reasonably practicable, of a failure of the event duration monitoring equipment, unless otherwise agreed in writing by the Environment Agency. The operator shall take all appropriate measures to return event duration monitoring equipment to normal operation as soon as reasonably practicable after receipt of notification of the failure.

2.3.3 Where the discharge results in unsatisfactory solid matter being visible in the receiving waters or on the banks or shoreline, in the vicinity of the outfall, the operator shall take all reasonable steps to collect and remove such matter as soon as reasonably practicable .

3 Emissions and monitoring

3.1 Monitoring

3.1.1 The operator shall, unless otherwise agreed in writing by the Environment Agency, 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.

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

3.1.3 Accessible monitoring points shall be provided and maintained, as far as reasonably practicable, to enable the emissions monitoring programme and/or other monitoring 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.

3.1.4 Event duration monitoring telemetry systems shall be installed and maintained, as far as reasonably practicable so as to give the operator data available of discharge occurrence (start and stop) at the frequency defined in table S3.1.

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 the Environment Agency, 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 the Environment Agency using the contact details supplied in writing by the Environment Agency.

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 the Environment Agency, 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 The Environment Agency 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 the Environment Agency 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 The Environment Agency 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	
Description of activity	Limits of specified activity
Discharge of storm sewage via Outlet 1	N/A

Table S1.2 Operating techniques		
Description of documentation	Parts	Date Received
OT1 – London Tideway Tunnels Operating Techniques – Version 2 (or such further version or versions as the Agency may approve in writing)	3 and 8	31/03/2020

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	Storm sewage discharge event duration monitoring (discharge / no discharge)	N/A	N/A	N/A	2 minute	N/A
	Storm sewage discharge start and end times	N/A	N/A	N/A	Whenever a discharge occurs	N/A
	Storm sewage discharge event duration monitoring status (operational / not operational)	N/A	N/A	N/A	2 minute	N/A

Table S3.2 Discharge points			
Effluent Name	Discharge Point	Discharge point NGR	Receiving water/Environment
Storm sewage	Outlet 1	TQ 2303 7811	River Thames (Estuarine)

Table S3.3 Storm sewage discharge settings			
Effluent(s) and discharge point(s)	Description of discharge	Overflow setting	Minimum storage capacity m ³
Storm sewage via Outlet 1	Storm sewage	Siphon level -1.34 (minus) mAOD	18,000 m ³

Table S3.4 Monitoring points			
Effluent(s) and discharge point(s)	Monitoring type	Monitoring point NGR	Monitoring point reference
Storm sewage via Outlet 1	Storm sampling	TQ 2304 7815	Storm sample point
	Event duration monitoring	TQ 2304 7815	EDM

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
Storm sewage discharge start and end times	EDM	Reports to be provided to the Environment Agency upon request Report to be submitted within 28 days unless otherwise specified in writing by the Environment Agency	Upon request by the Environment Agency
Storm sewage discharge start and end times	EDM	Annually Report to be submitted within 2 months	1 January
Storm sewage discharge event duration monitoring status (operational / not operational)	EDM	Annually Report to be submitted within 2 months	1 January

Table S4.2 Reporting forms	
Parameter	Reporting format
Storm sewage discharge start and end times	Form as agreed in writing by the Environment Agency
Storm sewage discharge start and end times	Annual summary report or other form as agreed in writing by the Environment Agency Number of and total duration of counted spills for all spills.
Storm sewage discharge event duration monitoring status (operational / not operational)	Annual summary report or other form as agreed in writing by the Environment Agency Percentage of time in the reporting period that the event duration monitoring equipment was operational.

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 the Environment Agency	
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 the Environment Agency**

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.

“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.

“monitoring frequency” as used in Table S3.1 in the context of Event Duration Monitoring is the temporal interval at which a change of state between no discharge and discharge is to be detected.

“overflow” for the purposes of schedule 7, means any weir or orifice or other means via which flow in excess of its overflow setting is diverted from the continuation sewer when it is caused by rainfall and or snowmelt.

“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).

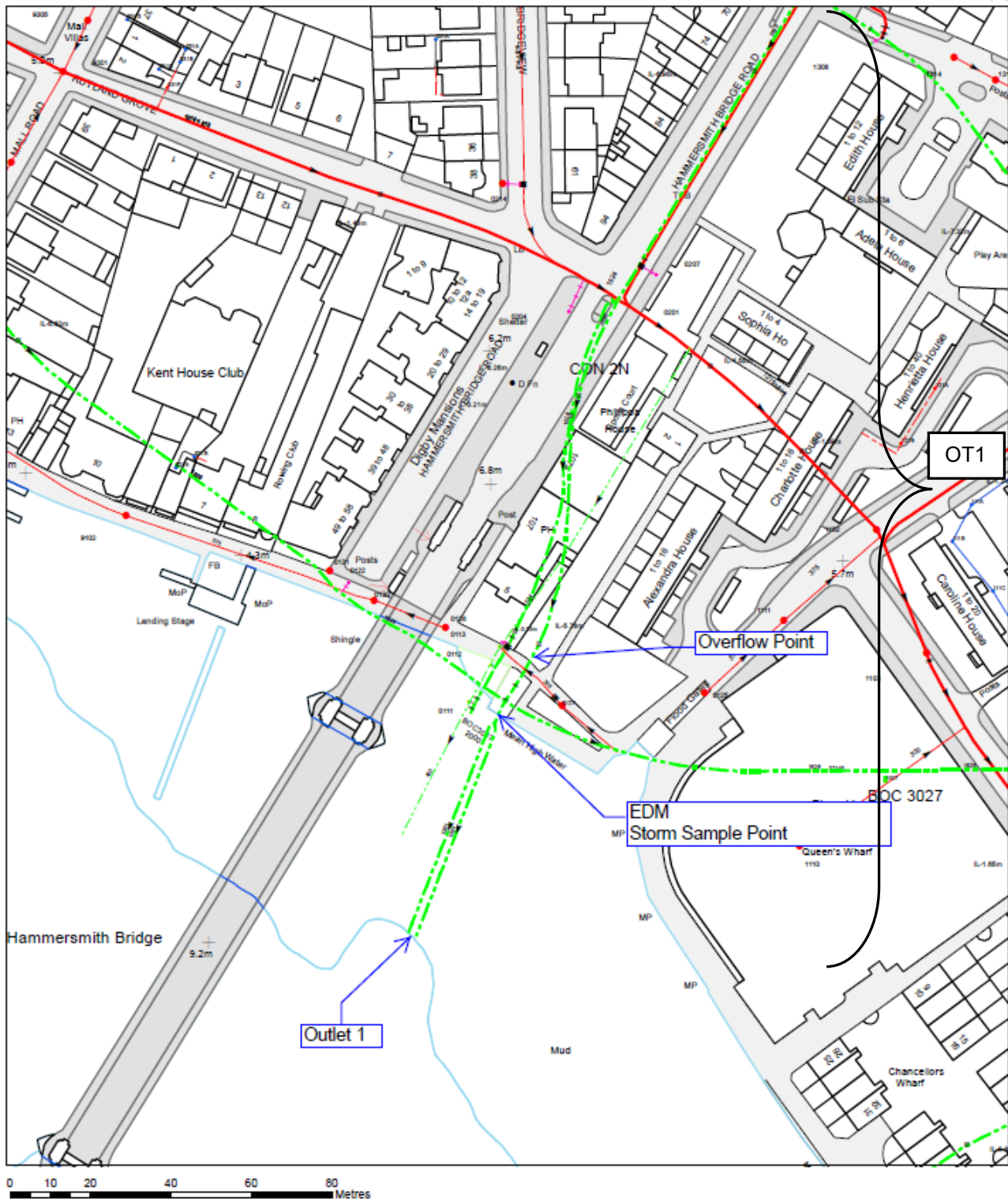
“spill” one or more overflow events within a period of 12 hours or less will be considered to be one spill, one or more overflow events extending over a period of greater than 12 hours up to 36 hours will be considered to be 2 spills. Each subsequent 24 hour duration counts as 1 additional spill and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

“year” means calendar year ending 31 December.

Schedule 7 – Site plan

Based on the Ordnance Survey Map with the Sanction of the
Controller of H.M Stationery Office License Number 100019345

Thames Water



The position of any boundary or apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. No liability of any kind whatsoever is accepted by Thames Water for any error or omission.

END OF PERMIT