



THAMES WATER UTILITIES LTD.  
Water Industry Act 1991

PERMIT TO DISCHARGE GROUNDWATER

WHEREAS

1. Ground Construction Limited  
Ground House  
2-3 Little Burrow  
Welwyn Garden City  
Hertfordshire  
AL7 4SP

is/are Permitted to make a Groundwater discharge at the site known as  
Ground Construction Limited and situate at  
150 Holborn  
Camden  
London  
EC1N 2NS

(hereinafter called THE SITE) and by application dated Twenty Ninth day of August, Two Thousand and Nineteen has applied to Thames Water Utilities Ltd. Registered in England & Wales under Company number 2366661, whose registered office is at Clearwater Court, Vastern Road, Reading, Berks. RG1 8DB. (hereinafter called "THE COMPANY") to Permit to the discharge of Groundwater by him/her/them from THE SITE into the Company's sewerage network.

Commencement of  
discharge.

1. THE COMPANY HEREBY PERMITS to the discharge of Groundwater from the Site into the Company's sewerage network subject to the following conditions:  
The commencement date of this Permit will be the date on which the Permit is signed by the Company's Senior Consultant for Wastewater Quality (or any other officer or employee duly authorised by the Company for these purposes).  
The Applicant must not discharge the Groundwater before the commencement date.  
This Permit will be valid until Thirtieth day of July, Two Thousand and Twenty whereby the discharge must then cease .  
An application to extend the Permit must be put in writing to the Company no later than 21 days before the above expiry date. The Company does not guarantee that an extension will be granted and the discharge must cease on the last day of validity.



Nature and composition Sewer(s) affected	<p>2. The nature and composition of the discharge under this Permit is hereby restricted to Groundwater only.</p> <p>3. The sewer(s) into which the Groundwater may be discharged is/are the sewer(s) detailed below: Grays Inn Road 1219mmx813mm combined sewer</p> <p>And more particularly shown in line(s) on the annexed plan and thereon coloured red. The point(s) at or through which the Groundwater is to be discharged is/are shown on the said Plan and thereon marked blue.</p> <p>No change shall be made in such point(s) of discharge without prior Permit in writing of the Company.</p>
Total volume Permitted	4. 9000.000m <sup>3</sup> .
Maximum quantity to be discharged	5. The maximum quantity of the Groundwater which may be discharged on any one day of twenty-four hours determined from midnight to midnight shall not exceed 86.400m <sup>3</sup> .
Maximum rate of discharge	<p>6. a) The maximum rate at which the Groundwater may be discharged shall not exceed 3.600m<sup>3</sup> per hour.</p> <p>b) The maximum rate at which the Groundwater may be discharged shall not exceed 1.000 litres per second.</p>
Matter to be eliminated prior to discharge to the sewer(s)	<p>7. (a) There shall be eliminated from the Groundwater before it is discharged into the sewer(s) any matter, which, either alone or in combination with any matter with which it is likely to come into contact while passing through any sewers, would injure or obstruct any such sewers or cause injury to and/or damage to the health of any person lawfully present in such sewers, pumping stations or sewage treatment works or would make specially difficult or expensive the treatment or disposal of their contents and in particular but without prejudice to the generality of the foregoing words the following matters:-</p> <ul style="list-style-type: none"> <li>(i) Petroleum spirit</li> <li>(ii) Calcium carbide</li> <li>(iii) Thiourea and thiourea derivatives</li> <li>(iv) Non biodegradable detergents</li> </ul> <p>(b) The Groundwater shall not contain substances listed in Schedule 1 of the Trade Effluent (Prescribed Processes and Substances) Regulations 1989, as amended, at a concentration greater than background concentration as defined in such regulations.</p> <p>(c) The Groundwater shall not contain any of the substances listed in APPENDIX 1 at a concentration expressed in milligrams per litre greater than that stated.</p> <p>SEE APPENDIX 1</p>
Acidity or alkalinity	8. No Groundwater shall be discharged the pH value of which is less than 6.0 or greater than 11.0.



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| Changes in occupier or process             | 9. The Permit Holder(s) shall forthwith give to the Company notice in writing of any changes or proposed changes in the company name, address, occupier, contractor or of any other circumstances which may alter the nature and composition or the volume of the Groundwater. Failure to do so will result in the termination of the Permit.  |
| Payment                                    | 10. The Applicant of the Premises shall pay to the Company for the Groundwater discharged into the sewer<br><br>(a) A sum calculated in accordance with the provisions contained in the Company's Charges Scheme together with<br>(b) The amount of any additional expenses which the Company may from time to time incur with respect to the monitoring, analysis, reception, treatment and disposal of the Ground Water.   |
| Entry and samples                          | 11. The Permit Holder(s) shall allow duly authorised representatives of the Company to inspect, examine and test at all reasonable times any works and apparatus installed in connection with the Groundwater discharge and to take samples of the Groundwater, to demonstrate compliance with the terms of this Permit. The Permit Holder(s) shall also allow duly authorised representatives of the Company to supervise and or inspect the disposal of the Groundwater and be liable for any associated costs.  |
| Inspection                                 | 12. (a) An inspection chamber or manhole shall be provided and maintained by the Permit Holder(s) in a suitable position defined in connection with each pipe through which the Groundwater being discharged and such inspection chamber or manhole shall be so constructed and maintained by the Permit Holder(s) as to enable duly authorised representatives of the Company to take samples at any time of the Groundwater passing into the Company's sewerage network.<br><br>(b) It is the Permit Holder(s) responsibility to provide evidence on demand of suitable alternative disposal method(s), should the discharge be deemed by the Company at any time as unsuitable for discharge to the Company's sewerage network.   |
| Measurement and determination of discharge | 13. (a) A notch gauge and continuous recorder or some other apparatus suitable and adequate for measuring and automatically recording the volume, nature, composition and rate of discharge of the Groundwater being discharged into the Company's sewerage network shall, if required by the Company be provided and maintained by the Permit Holder(s) at their cost and to the satisfaction of the Company in connection with every pipe through which the Groundwater is being discharged.<br><br>(b) Calibration of discharge meters shall be on installation and no less that once per annum thereafter.<br><br>(c) It is a requirement of this permit that if a Groundwater meter(s) is/are installed it/they will be calibrated at least annually or more frequently if specified by the Company and certificated by a suitably qualified person and/or company approved by the Company. |



## Records

14. (a) Records in such a form as the Company may require shall be kept of the volume, rate of discharge, nature and composition of the Groundwater discharged into the Company's sewerage network and shall be available at all reasonable times for inspection by duly authorised representatives of the Company and copies of such records shall be sent to the Company on demand.
- (b) The Permit Holder(s) will ensure that the volume of the discharge is metered or otherwise measured and that the records of the volumes and all calibration certificates will be made available to the Company within 48 hours of being requested.
- (c) By failing to comply with this request, the Permit Holder(s) agree to pay the Company on demand, a Company assessed bill or account based on the highest volumetric data declared on the application.
- (d) The foregoing provisions of this condition shall be of no effect so long as there is available to the satisfaction of the Company some other method approved by the Company of sampling the Groundwater or of determining, measuring and recording the volume and rate of discharge and the composition of the Groundwater discharged.

## Indemnities and Insurance

15. It is the Permit Holder's responsibility to:
- (a) Indemnify the Company against all claims for damage to property or injury to / death of persons arising from the discharge of Groundwater.
- (b) To have Public Liability insurance in an amount of not less than £1 million for any one occurrence or series of occurrences which may give rise to a claim or claims for damage to property or injury to / death of persons, arising from the discharge.
- (c) That if requested, produce within 48 hours satisfactory evidence that such insurance is in force.

## Health and Safety

16. The Permit Holder will inform the Company of any special Health and Safety requirements that need to be observed by Company representatives visiting the site and provide additional supervision if required.

## Vacation of Site

17. It is the Permit Holder's responsibility to notify the Company in writing at least 21 days in advance of the following events:
- (a) Vacation of the Site by the Permit Holder(s) for any reason, whether permanent or temporary;
- (b) Change of ownership or occupation of the Site;
- (c) The Permit Holders entry into liquidation whether voluntarily or compulsorily or bankruptcy, if an individual;
- (d) The presentation of a petition for the appointment of an administrator or a receiver or manager in respect of the Permit Holders undertakings;
- (e) Cessation of discharge of Groundwater from the Site. In this instance it is also the Permit Holders responsibility to supply to the Company all relevant volumetric discharge data.



Reservation of Rights 18. The Company reserves the following rights:

- (a) To require the discharge to be discontinued immediately should the discharge in the Company's opinion, cause, or risk causing, any health and safety, public health, operational, or environmental breaches or issues.
- (b) To terminate this Permit at any time should the Permit Holder be in breach of any terms and conditions.
- (c) To refuse future applications should the Permit Holder be in breach of any terms and conditions.
- (d) To instigate prosecution proceedings in respect of
  - (i) Disposals of Groundwater in contravention of these terms and conditions;
  - (ii) Any contravention of the Company's byelaws, regulations or other statutory provisions made for preventing waste, pollution, misuse or contamination of water;
  - (iii) Any contravention of any Permit conditions imposed.

Additional Clauses 19. Any additional clauses pertaining to this Permit will be shown in Appendix 4 where applicable.

Signed:

*T. McHattie*

Tony McHattie  
Trade Effluent Manager

Duly authorised to sign on behalf of the Company

Dated *3rd* day of *September 2019*



**NOTES:**

- a) Pursuant to S.111 of the Water Industry Act 1991 it is an offence to throw, empty or turn or suffer or permit to be thrown or emptied or to pass in to any public sewer or into any drain or sewer communicating with a public sewer any matter likely to injure the sewer or drain, to interfere with the free flow of its contents or to affect prejudicially the treatment and disposal of its contents, or to cause a nuisance or injurious, or likely to cause injury to health.
- b) All communications should be sent to the following address

Risk Management Team  
Thames Water Utilities Ltd  
Crossness Sewage Treatment Works  
Belvedere Road  
Abbey Wood  
London  
SE2 9AQ

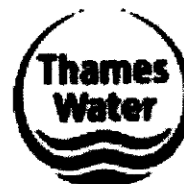


## APPENDIX 1 - SUBSTANCES

The Ground water shall not contain any of the substances listed below at a concentration expressed in milligrams per litre greater than that stated:

Determinand Name	Permitted Limit
Suspended Solids	2000.0
Sulphate	1800.0
Chloride	1500.0
Settleable Solids	500.0
Chemical Oxygen Demand	100.0
Rapidly Settleable Solids	100.0
Total Oil & Grease	50.0
Ammoniacal Nitrogen	35.0

THERE ARE NO FURTHER LIMITS IN THIS APPENDIX



## APPENDIX 2 - DISCHARGE POINTS

THERE ARE NO MORE DISCHARGE POINTS

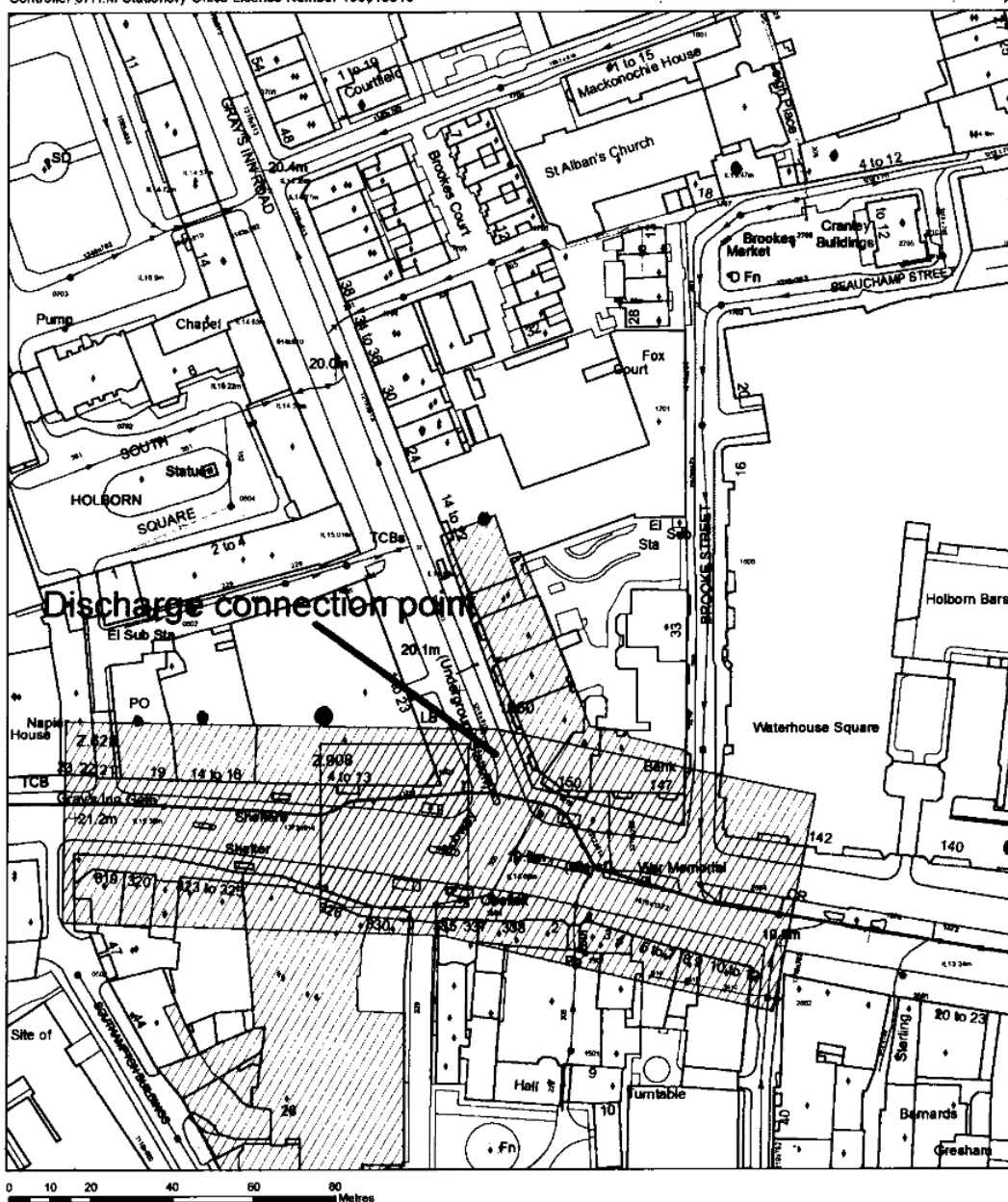


## APPENDIX 3 - SEWER PLAN

### Discharge connection point

Based on the Ordnance Survey Map with the Sanction of the  
Controller of H.M Stationary 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.

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Grid Reference : TQ3181



## APPENDIX 4 - ADDITIONAL CLAUSES

NO ADDITIONAL CLAUSES AVAILABLE