

## UISCE ÉIREANN RESPONSE

Uisce Éireann  
Colvill House  
24/26 Talbot Street  
Dublin 1

**Name of Facility:** Amazon Data Services Ireland Limited,

**Reg. No:** P1186-02

**Location Address:** Clonsaugh Business & Technology Park, Dublin 17, D17 V303

**Consent Status:** Recommendation granted subject to the consent conditions outlined below

**Where consent is granted, indicate Yes or No to the following:**

The sewer, to which this consent relates, is vested or controlled by Uisce Éireann.	No
Does the consent constitute a material change with respect to the associated waste water discharge authorisation?	No

### **Consent Conditions:**

- No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in a material change or increase in:
  - the nature or quantity of any emission
  - the abatement/treatment or recovery systems
  - the range of processes to be carried out
  - the fuels, raw materials, intermediates, products or wastes generated, or any changes in
  - site management, infrastructure or control with adverse environmental significance; shall be carried out or commenced without prior notice to, and without the agreement of, the Agency.
- The licensee shall prepare, maintain and implement (text highlighted in black bold for new licence only) / maintain and implement (text highlighted in green bold for reviews) a Schedule of Environmental Objectives and Targets. The Schedule shall, as a minimum, provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production and the prevention, reduction and minimisation of waste and shall include waste reduction targets, reduction and diversion of storm water runoff from sewer. The Schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The schedule shall be reviewed annually.
- The licensee shall establish, maintain and implement a detailed programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment.
- Silt Traps and Oil Separators

The Licensee shall, within six months of date of grant of this licence Install and maintain silt traps and oil separators at the facility/installation:

- Silt traps to ensure that all storm water discharges, other than from roofs, from the facility/installation pass through a silt trap in advance of discharge;
- An oil separator on the storm water discharge from yard areas. The separator shall be a Class I or Class II full retention/by-pass separator.

The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).

5. No specified emission from the installation shall exceed the emission limit values set out in Schedule B: Emission Limits, of this licence. There shall be no other emissions of environmental significance.
6. Other than the trade effluent authorised to be discharged under this licence, the licensee shall at no time discharge or cause or permit to discharge into sewer trade effluent or any other matter unless authorised in writing by Uisce Éireann.
7. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with Schedule C: Control & Monitoring, of this licence.
  - (i) Sampling and analysis shall be undertaken by competent staff in accordance with documented operating procedures.
  - (ii) Such procedures shall be subject to a programme of Analytical Quality Control using appropriate control standards with evaluation of test responses.
  - (iii) Where any analysis is sub-contracted it shall be outsourced to a competent laboratory.
8. Monitoring and analysis equipment shall be installed, operated and maintained as necessary, so that all monitoring accurately reflects the emission/discharge.
9. In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify Uisce Éireann and the Local Authority, in the manner prescribed by Uisce Éireann, as soon as practicable after such an incident.
10. The licensee shall pay to Uisce Éireann such sum as may be determined from time to time, having regard to the variations in the cost of providing drainage and the variation in effluent reception, treatment, monitoring, sampling and analysis costs. Payment is to be made on demand from Uisce Éireann.
11. The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.
12. A summary report of volumes of trade effluent and other matter discharged to the sewer along with monitoring and analysis data as specified in Schedule B: Emission Limits to Sewer and Schedule C: Control & Monitoring, of this licence shall be forwarded to both Uisce Éireann and the Local Authority in a manner and timeframe as may be specified by Uisce Éireann.
13. The licensee shall conclude an End User Agreement with Uisce Éireann.

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**Emission Limit Values for Process Effluent**

**Schedule B**

Emission to: Sewer located as Clonsaugh Industrial Estate

Discharge Point Reference No.	SE1					
<b>Parameter</b>	<b>Emission Limit Values</b>					
Flow Rate	29 m <sup>3</sup> /day					
Flow Rate	7.2 m <sup>3</sup> /hour					
	<b>Concentration (24 Hr. Composite Sample)</b>		<b>Concentration (Instantaneous Grab)</b>		<b>Max Load</b>	
BOD, 5 days with Inhibition (Carbonaceous BOD)	100	mg/l	200	mg/l	5.8	Kg/day
COD-Cr	200	mg/l	400	mg/l	11.6	Kg/day
Suspended Solids	100	mg/l	200	mg/l	5.8	Kg/day
Total Petroleum Hydrocarbons	5	mg/l	5	mg/l	0.1	Kg/day
Mineral oils	10	mg/l	10	mg/l	0.3	Kg/day

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**Emission Limit Values for Process Effluent**

**Schedule B**

Emission to: Sewer located as Clonshaugh Industrial Estate

Discharge Point Reference No.	SE2					
<b>Parameter</b>	<b>Emission Limit Values</b>					
Flow Rate	19 m <sup>3</sup> /day					
Flow Rate	7.2 m <sup>3</sup> /hour					
	<b>Concentration (24 Hr. Composite Sample)</b>		<b>Concentration (Instantaneous Grab)</b>		<b>Max Load</b>	
BOD, 5 days with Inhibition (Carbonaceous BOD)	100	mg/l	200	mg/l	3.8	Kg/day
COD-Cr	200	mg/l	400	mg/l	7.6	Kg/day
Suspended Solids	100	mg/l	200	mg/l	3.8	Kg/day
Total Petroleum Hydrocarbons	5	mg/l	5	mg/l	0.095	Kg/day
Mineral oils	10	mg/l	10	mg/l	0.19	Kg/day

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**Emission Limit Values for Process Effluent**

**Schedule B**

Emission to: Sewer located at Clonshaugh Industrial Estate

Discharge Point Reference No.	SE3					
<b>Parameter</b>	<b>Emission Limit Values</b>					
Flow Rate	32 m <sup>3</sup> /day					
Flow Rate	7.2 m <sup>3</sup> /hour					
	<b>Concentration (24 Hr. Composite Sample)</b>		<b>Concentration (Instantaneous Grab)</b>		<b>Max Load</b>	
BOD, 5 days with Inhibition (Carbonaceous BOD)	100	mg/l	200	mg/l	6.4	Kg/day
COD-Cr	200	mg/l	40	mg/l	12.8	Kg/day
Suspended Solids	100	mg/l	200	mg/l	6.4	Kg/day
Total Petroleum Hydrocarbons	5	mg/l	5	mg/l	0.16	Kg/day
Mineral oils	10	mg/l	10	mg/l	0.32	Kg/day

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**Frequency of Monitoring for Process Effluent**

**Schedule C**

Discharge Point Reference No.	SE1	
Parameter	Monitoring Frequency <sup>Note 1</sup>	Methodology
Flow Rate	Continuous	On-line flow meter with recorder
pH	Monthly	Standard Method
Temperature	Monthly	Standard Method
BOD, 5 days with Inhibition (Carbonaceous BOD)	Monthly	Standard Method
COD-Cr	Monthly	Standard Method
Suspended Solids	Monthly	Standard Methods
Total Petroleum Hydrocarbons	Monthly	Standard Method
Mineral oils	Monthly	Standard Method
Metals & Organic Compounds (Note 2)	As Requested	Standard Methods
Respirometry	As Requested	Standard Method
Toxicity (Note 3)	As Requested	Standard Method

**Note 1:** All samples with the exception of Flow (Continuous), pH (Grab Sample) and Temperature (Grab Sample) shall be taken on a 24-hour flow proportionate composite sampling basis.

**Note 2:** Relevant Priority substances, Priority Hazardous substances and Watchlist substances (as per relevant Tables set out S.I. No. 272/2009 - European Communities Environmental Objectives (Surface Waters) Regulations 2009 – 2019, as amended) in trade effluent generated as a result of onsite activities (The list of parameters to be analysed shall be based on the assessment/ screening as per consent Condition 14).

**Note 3:** The number of toxic units (Tu) = 100/x hour EC/LC50 in percentage vol/vol so that higher Tu values reflect greater levels of toxicity. For test regimes where species death is not easily detected, immobilisation is considered equivalent to death.

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Frequency of Monitoring for Process Effluent

Schedule C

Discharge Point Reference No.	SE2	
Parameter	Monitoring Frequency <sup>Note 1</sup>	Methodology
Flow Rate	Continuous	On-line flow meter with recorder
pH	Monthly	Standard Method
Temperature	Monthly	Standard Method
BOD, 5 days with Inhibition (Carbonaceous BOD)	Monthly	Standard Method
COD-Cr	Monthly	Standard Method
Suspended Solids	Monthly	Standard Method
Total Petroleum Hydrocarbons	Monthly	Standard Method
Mineral oils	Monthly	Standard Method
Metals & Organic Compounds (Note 2)	As Requested	Standard Method
Respirometry	As Requested	Standard Method
Toxicity (Note 3)	As Requested	Standard Method

**Note 1:** All samples with the exception of Flow (Continuous), pH (Grab Sample) and Temperature (Grab Sample) shall be taken on a 24-hour flow proportionate composite sampling basis.

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Frequency of Monitoring for Process Effluent

Schedule C

Discharge Point Reference No.	SE3	
Parameter	Monitoring Frequency <sup>Note 1</sup>	Methodology
Flow Rate	Continuous	On-line flow meter with recorder
pH	Monthly	Standard Method
Temperature	Monthly	Standard Method
BOD, 5 days with Inhibition (Carbonaceous BOD)	Monthly	Standard Method
COD-Cr	Monthly	Standard Method
Suspended Solids	Monthly	Standard Method
Total Petroleum Hydrocarbons	Monthly	Standard Method
Mineral oils	Monthly	Standard Method
Metals & Organic Compounds (Note 2)	As Requested	Standard Method
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**Control of Emissions to Sewer**

Description of treatment: Effluent separation and control.

Control Parameter	Monitoring	Key Equipment
Flow Rate	Continuous	On-line flow meter with recorder <sup>Note 1</sup>
Total Petroleum Hydrocarbons	Continuous	Class I or Class II full retention/by-pass separator <sup>Note 1</sup>

**Note 1:** The licensee shall maintain appropriate access to standby and/or spares to ensure the operation of the abatement system.

Description of treatment: Effluent separation and control.

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Flow Rate	Continuous	On-line flow meter with recorder <sup>Note 1</sup>
Total Petroleum Hydrocarbons	Continuous	Class I or Class II full retention/by-pass separator <sup>Note 1</sup>

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Yours sincerely,

Katrina Browne

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Date: 07/Nov/2025

Katrina Browne

Uisce Éireann