

UISCE ÉIREANN RESPONSE

Uisce Éireann
Colvill House
24/26 Talbot Street
Dublin 1

Name of Facility:

Reg. No: P0019-03

Location Address: Amgen, Pottery Road, Dun Laoghaire, Dublin A96 F2A8

Consent Status: Consent granted subject to the consent conditions outlined in the condition section

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.	Yes
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.
- 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.
- 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.
- The licensee shall 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.
- 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.
- Monitoring and analysis equipment shall be installed, operated and maintained as necessary, so that all monitoring accurately reflects the emission/discharge.
- 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.

8. 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.
9. The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.
10. 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.
11. 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).

12. The licensee shall conclude an End User Agreement with Uisce Éireann. (End user Agreement to be inserted into the glossary: An agreement between the licensee and Uisce Éireann which provides for the contractual conditions and arrangements (outside the terms and conditions set out in this licence) relating to the acceptance of, and treatment by, Uisce Éireann of the licensee's trade effluent and wastewater.)

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Emission Limit Values for Process Effluent

Schedule B

Emission to: UÉ Sewer located at Pottery Road

Discharge Point Reference No.	SE1					
Parameter	Emission Limit Values					
Flow Rate	625 m ³ /day					
Flow Rate	70 m ³ /hour					
Temperature	35 °C					
pH	6 - 10 pH units					
Toxicity	10 T.U.'s					
	Concentration (24 Hr. Composite Sample)		Concentration (Instantaneous Grab)		Max Load	
BOD, 5 days with Inhibition (Carbonaceous BOD)	150	mg/l	300	mg/l	78	Kg/day
COD-Cr	300	mg/l	600	mg/l	156	Kg/day
Suspended Solids	200	mg/l	400	mg/l	125	Kg/day
Fats, Oils & Greases	50	mg/l	50	mg/l	31.25	Kg/day
Total Phosphorus (as P)	50	mg/l	50	mg/l	31.25	Kg/day
Total Nitrogen	50	mg/l	50	mg/l	31.25	Kg/day
Sulphate	250	mg/l	250	mg/l	156	Kg/day
Chloride	600	mg/l	600	mg/l	375	Kg/day

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Frequency of Monitoring for Process Effluent

Schedule C

Discharge Point Reference No.	SE1	
Parameter	Monitoring Frequency ^{Note 1}	Methodology
Flow Rate	Continuous	On-line flow meter with recorder
Temperature	Continuous	Thermometer
pH	Continuous	pH electrode/meter
BOD, 5 days with Inhibition (Carbonaceous BOD)	Monthly	Standard Methods
COD-Cr	Monthly	Standard Methods
Suspended Solids	Monthly	Standard Methods
Fats, Oils & Greases	Monthly	Standard Methods
Total Phosphorus (as P)	Monthly	Standard Methods
Total Nitrogen	Monthly	Standard Methods
Sulphate	Monthly	Standard Methods
Chloride	Monthly	Standard Methods
Metals & Organic Compounds	Quarterly (Note 2)	Standard Methods
Respirometry	Annually	Standard Methods
Toxicity	As Requested (Note 3)	Standard Methods

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. Sampling shall take place on alternate weekdays on a rolling basis to ensure representative samples are obtained for site operations which may vary across the working week.

Note 2: Note: 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. 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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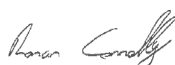
Control of Emissions to Sewer

Description of treatment: .

Control Parameter	Monitoring	Key Equipment
Flow Rate	Continuous	Flow Meter
pH	pH output from neutralisation tank	Dosing Pump, Agitator, pH probe and recorder
Fats, Oils & Greases	Continuous	Grease Removal Equipment

Note 1: Grease removal equipment shall comply with the requirements of European Standards (EN) or Plumbing and Drainage Institute (PDI) standards or as otherwise specified by Uisce Éireann. Note 2: The Licensee shall maintain appropriate access to standby and/or spares to ensure the operation of the abatement system.

Yours sincerely,



 Date: 26/Sep/2024

Ronan Connolly

Uisce Éireann