

IRISH WATER RESPONSE

Irish Water
Colvill House
24/26 Talbot Street
Dublin 1

Name of Facility: Glanbia Cheese EU Limited

Reg. No: P1108-01

Location Address: National Enterprise Park, Togher, Portlaoise, Laois

Consent granted subject to the consent conditions outlined below.	Yes
Consent granted without conditions.	N/A
Consent refused	N/A

GENERAL CONSENT CONDITIONS	Condition to be Included (Yes/No)
1. 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 Irish Water.	Yes
2. Monitoring and analysis equipment shall be installed, operated and maintained as necessary, so that all monitoring, accurately reflects the emission/discharge.	Yes
3. 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.	Yes
4. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with <i>Schedule C: Control & Monitoring</i> , 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.	Yes
5. The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.	Yes

6. 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 or as otherwise approved in writing by IW.	Yes
7. A summary report of volumes of trade effluent and other matter discharged to the sewer along with monitoring and analysis data as specified in <i>Schedule B: Emission Limits to Sewer</i> and <i>Schedule C: Control & Monitoring</i> , of this licence shall be forwarded to both Irish Water and the Local Authority in a manner and timeframe as may be specified by Irish Water.	Yes
8. 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 to 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 and submitted to Irish Water as requested.	No
9. The licensee shall pay to Irish Water 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 costs. Payment is to be made on demand from Irish Water.	Yes
10. 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: (i) Silt traps to ensure that all storm water discharges, other than from roofs, from the facility pass through a silt trap in advance of discharge; (ii) An oil separator on the storm water discharge from yard areas. The separator shall be a Class I Class II full retention/by-pass separator. <<EPA to select as appropriate>> (iii) The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).	No
11. The licensee shall conclude an end user agreement with Irish Water.	Yes
12. In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify Irish Water and the Local Authority, in the manner prescribed by Irish Water, as soon as practicable after such an incident.	Yes
13. No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in (i) a material change or increase in:	Yes

<ul style="list-style-type: none"> ▪ 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 <p>(ii) any changes in:</p> <ul style="list-style-type: none"> ▪ site management, infrastructure or control with adverse environmental significance; <p>shall be carried out or commenced without prior notice to, and without the approval of, the Agency and/or Irish Water as appropriate.</p>	
14. 100% of the trade effluent discharge will occur during the night-time hours of 11pm-7am, at a maximum rate of 40m ³ /hour.	Yes

End User Agreement definition proposed to be included in the Glossary of Terms for the IED/Waste Licences:

End User Agreement: “An agreement between the licensee and Irish Water which provides for the contractual conditions and arrangements relating to the acceptance of, and treatment by, Irish Water of the Licensee’s trade effluent and wastewater.”

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Schedule B: Emission Limits**Emission Point Reference No.:** SE1.**Emission to (sewer description):** E 246033 N 196401 225 mm HDPE Process Drain

Parameter	Emission Limit Values			
Flow Rate	320 m ³ /day			
Flow Rate	40 m ³ /hour			
Temperature	10 - 25 °C			
pH	6 - 9 pH units			
	Concentration (24 Hr. Composite Sample)		Load	
BOD, 5 days with Inhibition (Carbonaceous BOD)	845	mg/l	180	Kg/day
COD-Cr	1405	mg/l	300	Kg/day
Total Nitrogen	170	mg/l	36	Kg/day
Total Phosphorus (as P)	35	mg/l	7.5	Kg/day
Fats, Oils & Greases	350	mg/l	32	Kg/day
Anionic surfactants / Detergents (MBAs)	50	mg/l	16	Kg/day
Sulphate	800	mg/l	169	Kg/day
Chloride	800	mg/l	169	Kg/day

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission Point Reference No.: SE1.

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow Rate	Continuous	On-line flow meter with recorder
pH	Continuous	pH meter and recorder
Temperature	Continuous	Temperature probe/ meter and recorder
BOD, 5 days with Inhibition (Carbonaceous BOD)	Monthly	Standard method
COD-Cr	Daily/ As per batch release	Standard method
Total Nitrogen	Daily/ As per batch release	Standard method
Total Phosphorus (as P)	Daily/ As per batch release	Standard method
Suspended Solids	Daily/ As per batch release	Standard method
Fats, Oils & Greases	Monthly	Standard method
Anionic surfactants / Detergents (MBAs)	Monthly	Standard method
Sulphate	Quarterly	Standard method
Chloride	Quarterly	Standard method
Respirometry	As requested	ISO method

Yours sincerely,

DocuSigned by:

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14/11/2019

Date _____

Andrew Cartwright
 Authorised Signatory
 Irish Water