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Reg No: W0281-01



15th May 2014



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Éire

Irish Water
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24-26 Talbot Street
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Dear Michael,

I refer to your letter dated 1st May 2014 relating to an application from Bord Gais Eireann, Limerick Gasworks, Dock Road, Limerick, for an Industrial Emissions Licence.

Irish Water has no objection to grant of consent to Bord Gais Eireann to the discharge of process effluent to the Water Services Authority sewer subject to the following conditions:-

1. Prior to commencement of the licence discharge the applicant shall submit for the written agreement of Irish Water, a map and details of the facility showing:
 - (i) The location of the discharge point to the high level masonry sewer and not the tunnel.
 - (ii) The location of the sampling point and flow meter.
 - (iii) Details of the proposed holding tank to regulate and control flow.
2. The permitted discharge granted by this licence shall not exceed 100m³/day and/or 10m³/hour unless otherwise agreed in writing by Irish Water.
3. Prior to commencement of the licence discharge the applicant shall provide:
 - (i) A 24 hour flow proportional composite sampler at the discharge point.
 - (ii) Continuous online PH, DO (dissolved oxygen) and conductivity monitoring of the discharge to have the ability to immediately automatically terminate the discharge on indication of any change in the quality of the discharge.
4. Prior to commencement of the licence discharge the applicant shall submit for the written agreement of Irish Water details of the methodology to shut off the discharge to the sewer in the event of an emergency or if breaches of the licence conditions are detected.
5. The applicant shall take a daily sample of the discharge and:

- (i) Analyse the daily samples to verify compliance with the parameters listed in the discharge licence and submit details to Irish Water on a daily basis when available.
 - (ii) Split the sample and lodge half of the sample with the operator of the Bunlicky wastewater treatment plant for retrospective proof of discharge quality.
6. The licensee shall report immediately to Irish Water and the operator of the Bunlicky wastewater treatment plant in the event of any incident occurring or breach of the licence emission limit values.
 7. No substance shall be present in emissions to sewer in such concentrations as would constitute a danger to sewer maintenance, personnel working in the sewerage system, or would be damaging to the fabric of the sewer, or would interfere with the biological functioning of the downstream Bunlicky wastewater treatment plant.
 8. No substance shall be present in emissions to sewer in such concentrations as would be likely to have adverse effects on the aquatic environment.
 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 and treatment costs. Payment to be made on demand.
 10. The final effluent shall meet the following discharge limits:-

Criteria	Limit
Temperature	25 degrees C
pH	6-10
BOD	50 mg/l
COD	300 mg/l
Nitrates (as N)	10 mg/l
Sulphates (as SO ₄)	500 mg/l
Phenols (as C ₆ H ₅ OH)	3 mg/l
Arsenic	0.6 mg/l
Mercury	0.01 mg/l
Cadmium	0.05 mg/l
Cyanide (total, free)	3 mg/l
Lead	0.5 mg/l
Copper	5 mg/l
Zinc	10 mg/l
Chromium	0.5 mg/l
Polyaromatic Hydrocarbons (PAH)	0.2 mg/l
Mineral Oils	50 mg/l
Toxicity Units (as T.U)	30 t.u

If you have any further query please do not hesitate to contact us.

Yours sincerely



Jerry Grant
Head of Asset Management

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