

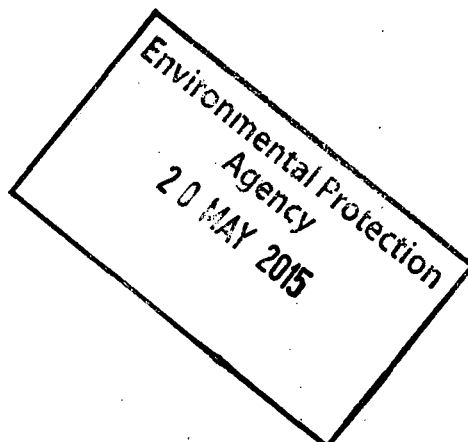


Ms Caitriona Collins,
Environmental Licensing Programme,
Office of Climate, Licensing & Resource Use
EPA Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford

Uisce Éireann
Teach Colvill
24-26 Sráid Thalbóid
Baile Átha Cliath 1
Éire

Irish Water
Colvill House
24-26 Talbot Street
Dublin 1
Ireland

T: +353 1 89 25000
F: +353 1 89 25001
www.water.ie



Reg No: P1014-01

18th May 2015

Dear Caitriona,

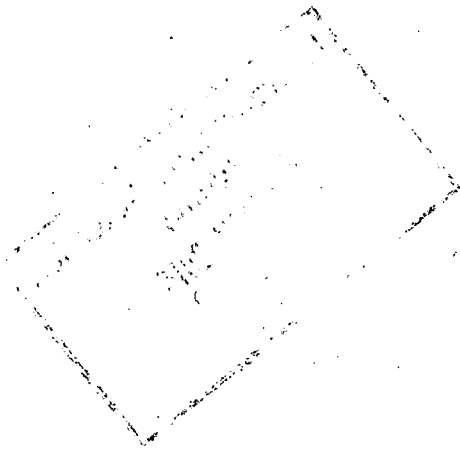
I refer to your letter dated 7th April 2015 regarding an application from Pacon Waste & Recycling Limited, Stephenstown Business Park, Balbriggan, Co. Dublin for an Industrial Emissions Licence.

Please find attached Irish Water's consent to discharge to sewer subject to the consent conditions attached.

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

Yours sincerely

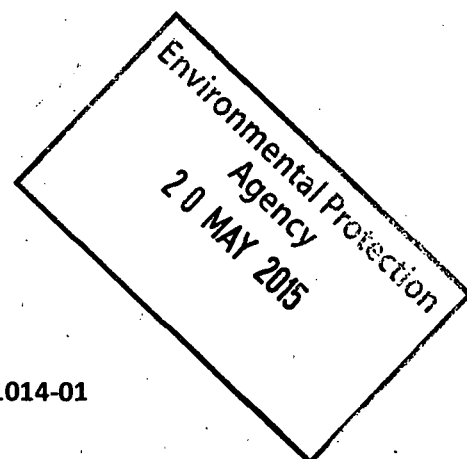

Jerry Grant
Head of Asset Management



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IRISH WATER RESPONSE

Irish Water
Colvill House
24/26 Talbot Street
Dublin 1



Name of Facility: Pacon Waste & Recycling Ltd.

Reg. No: P1014-01

Location Address: Stephenstown Business Park, Balbriggan, Co. Dublin

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

CONSENT CONDITIONS TO BE INCLUDED

1. The licensee shall permit authorised persons of the Agency and Irish Water, to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the process effluent and to take samples of the process effluent.
2. The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing that is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.
3. The licensee shall at no time discharge or permit to be discharged into the sewerage system any matter or thing that is capable of presenting any risk to Agency or Irish Water staff or its agents fulfilling any of their duties or causes nuisance odours to arise from the sewer network.
4. No specified emission to sewer shall exceed the emission limit value or load set out in Schedule B : Emission Limits to Sewer
5. The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out in Schedule C.
Representative samples of the final effluent shall be taken by the Licensee and tested for the chemical and physical characteristics conditioned in this licence using standard methods. The frequency of sampling shall be as necessary but shall not be less than 4 times per year.
The costs of all such tests shall be borne by the Licensee.

6. The licensee shall provide to Irish Water plans and details in formats outlined below within 6 months of the date of the commencement of licensed activities. These shall include;

- Location of pipes and sewers, manholes, storage tanks, effluent treatment systems.
- Diameter, material, upstream invert level, downstream invert level, condition for all sewers on site.
- Cover level, invert level, chamber dimensions for each manhole on site.
- Details of effluent treatment systems, including dimensions.
- The condition of all sewers and manholes.
- Plans and details of the discharge point to the Irish Water sewer.
- Location and invert level of the discharge point or chamber.
- Details of the discharge chamber including internal dimensions, type of construction, incoming and outgoing pipe diameter, incoming and outgoing pipe material, internal features or devices such as flow control and backdrops.
- The Plan drawings and relevant information shall be provided in ESRI SHP File or AutoCAD DWG format with attributes geo-coordinated to Irish National Grid or Irish Transverse Mercator. All Levels shall be to Malin Head OD. The adopted coordinate system shall be clearly identified.

7. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.

8. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.

9. The licensee shall provide a proposal to be agreed by Irish water within a month of the date of the commencement of licensed activities as to how it intends to accurately record the volume of effluent discharged to sewer.

10. No emission to sewer shall take place which gives rise to any reaction within the sewer or to the liberation of by-products which may be of environmental significance.

11. The licensee shall ensure that the effluent shall not contain petroleum hydrocarbons or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.

12. A summary report of results of analysis of effluent discharged to the sewer with relevant volumes shall be forwarded on a quarterly basis to both :

Local Authority Contact : Jim Kavanagh

Address: Environment & Water Services Department, County Hall, Swords, Co. Dublin.

E-mail: jjm.kavanagh@fingal.ie

&

Irish Water: WasteWaterComplianceEasternMidlands@water.ie

13. A summary report of the volume of effluent derived from the Main Processing Building along with its final destination (off-site Waste Water treatment plant) shall be forwarded on a quarterly basis to both

Local Authority Contact : Jim Kavanagh

Address: Environment & Water Services Department, County Hall, Swords, Co. Dublin.

E-mail: jim.kavanagh@fingal.ie

&

Irish Water: WasteWaterComplianceEasternMidlands@water.ie

14. In the event of any incident which relates to discharge to sewer, having taken place, the licensee shall notify, by telephone and e-mail, the Agency along with both:

Local Authority Contact : Jim Kavanagh

Address: Environment & Water Services Department, County Hall, Swords, Co. Dublin.

E-mail: jim.kavanagh@fingal.ie

Phone number during Office Hours: 01 890 5961

Phone number outside of Office Hours: 01 8731415

&

Irish Water: WasteWaterComplianceEasternMidlands@water.ie

Phone Number: 1890 278 278

An incident shall be considered to be any discharge which is in breach of emission limits to sewer and/or would constitute a danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of the sewer or would interfere with the operations of the downstream wastewater treatment works and supporting infrastructure.

15. Non-trade effluent wastewater (e.g. firewater, accidental spillages) which occurs on site shall not be discharged to the sewer without the prior authorisation of Irish Water.

16. The Licensee shall maintain, or have maintained the on-site effluent treatment systems.

17. The Licensee shall monitor the discharge of trade effluent to ensure compliance with the conditions of this licence. Representative samples of the final effluent shall be taken by the Licensee and tested for the chemical and physical characteristics conditioned in this licence using standard methods. The frequency of sampling shall be as necessary but shall not be less than 4 times per year.

The costs of all such tests shall be borne by the Licensee.

18. A fee of €205.00 per sample shall be payable to Irish Water by the Licensee for any required compliance monitoring outside of scheduled EPA monitoring. This charge covers the cost of sample collection by the Irish Water representative and chemical analysis. Payment is to be made on demand. This charge will be reviewed annually by Irish Water.

Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Emission Point Reference No.: SE 1

Emission to (*sewer description*): Discharge to municipal sewer at south of site

Volume to be emitted: Maximum in any one day: 1 m³
 Maximum rate per hour: 0.6 m³

Parameter	Emission Limit Value	
	Daily Mean Concentration (mg/l) <small>Note 1</small>	Daily Mean Loading (kg/day)
pH	6-9	
Temperature	42°C	
BOD	1000	1
COD	2000	2
Suspended Solids	1000	1
Orthophosphate (as PO ₄ – P)	20	0.02
Total Petroleum Hydrocarbon	5	0.005

Note 1. All samples shall be collected on a 24 hour flow proportional composite sampling basis.

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission Point Reference No.:

Parameter	Monitoring Frequency (Note 1)	Analysis Method/Technique
Flow to sewer	Daily	
Temperature	Quarterly	Standard Methods
Conductivity	Quarterly	Standard Methods
pH	Quarterly	Standard Methods
Chemical Oxygen Demand	Quarterly	Standard Methods
Biochemical Oxygen Demand	Quarterly	Standard Methods
Orthophosphate	Quarterly	Standard Methods
Total Petroleum Hydrocarbon	Quarterly	Standard Methods

Note 1.

All samples shall be collected on a 24 hour flow proportional composite sampling basis.

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Section 99E of the Environmental Protection Agency Act 1992, as amended

99E.-(1) Where the Agency proposes to grant a licence (including a revised licence) which involves a discharge of any trade effluent or other matter (other than domestic sewage or storm water) to a sewer, it shall obtain the consent of the sanitary authority in which the sewer is vested, or by which the sewer is controlled, to such a discharge being made.

(2) Where consent is sought in accordance with subsection (1), the Agency may specify a period (which period shall not in any case be less than 4 weeks from the date on which the consent is sought) within which the consent may be granted subject to, or without, conditions or refused; any consent purporting to be granted (whether subject to or without conditions) after the expiry of that period, or any decision given purporting to refuse consent after that expiry, shall be invalid and in those circumstances the Agency may proceed to grant the licence concerned as if the requirements of subsection (1) had been satisfied.

(3) Subject to subsection (4), a consent under subsection (1) may be granted subject to or without conditions and if it is granted subject to conditions the Agency shall include in the licence or revised licence concerned conditions corresponding to them or, as the Agency may think appropriate, conditions more strict than them.

(4) The conditions that may be attached to a consent by a sanitary authority under this section are the following and no other conditions, namely conditions-

(a) relating to-

- (i) the nature, composition, temperature, volume, level, rate, and location of the discharge concerned and the period during which the discharge may, or may not, be made,
- (ii) the provision, operation, maintenance and supervision of meters, gauges, manholes, inspection chambers and other apparatus and other means for monitoring the nature, extent and effect of emissions,
- (iii) the taking and analysis of samples, the keeping of records and furnishing of information to the sanitary authority,

(b) providing for the payment by the licensee to the sanitary authority concerned of such amount or amounts as may be determined by the sanitary authority having regard to the expenditure incurred or to be incurred by it in monitoring, treating and disposing of discharges of trade effluent, sewage effluent and other matter to sewers in its functional area or a specified part of its functional area,

(c) specifying a date not later than which any conditions attached under this section shall be complied with,

(d) relating to, providing for or specifying such other matter as may be prescribed.

(5) A sanitary authority may request the Agency to review a licence or revised licence to which this section relates-

- (a) at intervals of not less than 3 years from the date on which the licence or the revised licence is granted, or
 - (b) at any time with the consent, or on the application, of the person making, causing or permitting the discharge, or
 - (c) at any time if-
 - (i) the sanitary authority has reasonable grounds for believing that the discharge authorised by the licence or revised licence is, or is likely to be, injurious to public health or is likely to render the waters to which the sewer concerned discharges unfit for use for domestic, commercial, industrial, fishery (including fish-farming), agricultural or recreational uses or is, or is likely to be otherwise, a serious risk to the quality of the waters,
 - (ii) there has been a material change in the nature or volume of the discharge,
 - (iii) there has been a material change in relation to the waters to which the sewer concerned discharges, or
 - (iv) further information has become available since the date on which the licence or revised licence was granted relating to polluting matter present in the discharge concerned or relating to the effects of such matter, and the Agency shall consider and may comply with such request and shall have regard to any submission on the matter received from the sanitary authority.
- (6) In this section, a reference to a sanitary authority shall be construed as including a reference to any person acting on behalf of or jointly with a sanitary authority.

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