

## Grainne Oglesby

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**From:** Katrina Browne <kabrowne@water.ie>  
**Sent:** 27 April 2018 14:12  
**To:** Grainne Oglesby  
**Cc:** Irish Water - Section 99; Caroline Murphy  
**Subject:** IW S99E Response\_Kildare County Council P1063-01  
**Attachments:** IW S99E Response\_Kildare County Council\_P1063\_01\_20180427.pdf

Dear Ms Oglesby,

Please find attached Irish Water's response regarding an application from Kildare County Council for an Industrial Emissions Licence.

A hard copy has been issued by post.

Kind regards,

**Katrina Browne**  
**Environmental Policy and Licensing Specialist**

**Uisce Éireann**  
Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire  
**Irish Water**  
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Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimiscithe agus féadfar é a bheith neamhdhleathach. Níl Líonraí Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Líonraí Uisce Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmiscithe na faisnéise seo. Níl Líonraí Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scrios an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdairithe. Ní ghlacann Líonraí Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairachtaí chuig nó ó Líonraí Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Líonraí Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Eirvia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

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Ms Grainne Oglesby,  
Environmental Licensing Programme  
Office of Environmental Sustainability  
EPA Headquarters,  
PO Box 3000,  
Johnstown Castle Estate,  
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Reg No: P1063-01

27 April 2018

Dear Ms Oglesby,

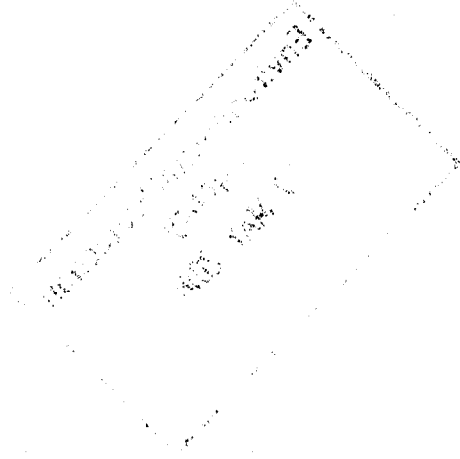
I refer to your correspondence dated 15<sup>th</sup> December 2017 regarding an application from Kildare County Council for a facility located at Kerdiffstown Landfill, Kerdiffstown, Naas, County Kildare for an Industrial Emissions licence.

Irish Water have assessed the IE licence application P1063-01 and are satisfied to consent to the proposed discharge to sewer subject to the consent conditions attached.

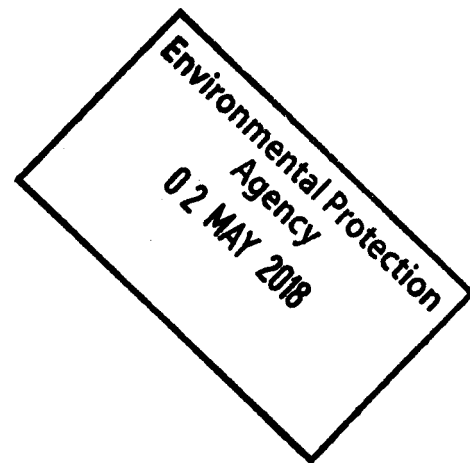
If you have any further queries, please do not hesitate to contact Irish Water.

Yours sincerely

Mark O' Callaghan  
Authorised Signatory



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## IRISH WATER RESPONSE

Irish Water  
Colvill House  
24/26 Talbot Street  
Dublin 1

**Name of Facility:** Kildare County Council  
Kerdiffstown Landfill

**Reg. No:** P1063-01

**Location Address:** Kerdiffstown  
Naas  
Co. Kildare

Consent granted subject to the consent conditions outlined below.	Yes
Consent granted without conditions.	N/A
Consent refused <sup>Note 1</sup>	N/A

Indicate either "Yes" or "No" to the request to include the condition(s) below in the licence as follows:

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. 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 &amp; 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
4. The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.	No
5. 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
6. 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 &amp; 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
7. The licensee shall <b>prepare, maintain and implement</b> (text highlighted in black bold for new licence only) / maintain and implement (text highlighted in green bold	No

<p>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.</p>	
<p>8. 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 is to be made on demand from Irish Water.</p>	Yes
<p>9. 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:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(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. &lt;&lt;EPA to select as appropriate&gt;&gt;</li> <li>(iii) The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).</li> </ul>	No
<p>10. The licensee shall conclude an end user agreement with Irish Water.</p>	Yes
<p>11. 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.</p>	Yes
<p>12. No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in</p> <ul style="list-style-type: none"> <li>(i) a material change or increase in: <ul style="list-style-type: none"> <li>▪ the nature or quantity of any emission;</li> <li>▪ the abatement/treatment or recovery systems;</li> <li>▪ the range of processes to be carried out;</li> <li>▪ the fuels, raw materials, intermediates, products or wastes generated,</li> </ul> or</li> <li>(ii) any changes in: <ul style="list-style-type: none"> <li>▪ site management, infrastructure or control with adverse environmental significance;</li> </ul> </li> </ul> <p>shall be carried out or commenced without prior notice to, and without the approval of, the Agency <b>and/or Irish Water as appropriate.</b></p>	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."

<p><b>ADDITIONAL GENERAL CONSENT CONDITIONS</b> <b>In respect of discharges or emissions to sewers, in accordance with Section 99E</b> <b>of the Environmental Protection Agency Act 1992, as amended.</b> <i>(Specify, if required)</i></p>

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# Limit Values for Process Effluent to Sewer

## Schedule B: Emission Limits

Emission Point Reference No.: SE1

Emission to (*sewer description*): 291708E, 221739N

Volume of Trade effluent emitted: Maximum in any one day: 60 m<sup>3</sup>  
Maximum in any hour: 6 m<sup>3</sup>

Parameter	Emission Limit Values	
pH	6-8.5 pH Units	
Temperature	30°C	
	Daily Concentration (mg/l)	Daily Load (kg/day)
BOD	1,000	60
COD	5,000	300
Total Nitrogen	2,000	120
Chloride	3,000	180
Sulphate	100	6
Total Metals (Cd, As, Zn, Cu, Cr, Pb, Se, Hg)	2	0.12
Cadmium	0.005	0.0003
Chromium	0.5	0.03
Copper	0.5	0.03
Lead	0.05	0.003
Zinc	0.5	0.03
Nickel	0.5	0.03
Mercury	0.001	0.00006
Silver	0.5	0.03
Methane	0.14	



## Frequency of Monitoring Process Effluent to Sewer

### Schedule C

Emission Point Reference No.:

SE1

Parameter	Monitoring Frequency (Note 1)	Analysis Method/Technique
Flow to sewer	Continuous	Flow meter
Temperature	Continuous	Temperature Probe
pH	Continuous	pH meter
Conductivity	Monthly	Standard Methods
Chemical Oxygen Demand	Monthly	Standard Methods
Biochemical Oxygen Demand	Quarterly	Standard Methods
Suspended Solids	Quarterly	Standard Methods
Total Nitrogen	Quarterly	Standard Methods
Ammonia as N	Quarterly	Standard Methods
Total Phosphorus	Quarterly	Standard Methods
Chloride	Quarterly	Standard Methods
Sulphide	Quarterly	Standard Methods
Sulphate	Quarterly	Standard Methods
Full Metal suite	Biannually	Standard Methods
Respirometry	Once off then as required	Standard Methods
Phenols	Annually	Standard Methods
VOCs and SVOC's	Annually	Standard Methods
Pesticides	Annually	Standard Methods
PAHs	Annually	Standard Methods
Methane	Quarterly	Standard Methods

**Note 1.**

All samples excluding those for pH and temperature shall be collected on a 24 hour flow proportional composite sampling basis.

## Control of Emissions to Sewer

### Description of treatment: Treatment/Abatement control

Control Parameter	Monitoring	Key Equipment
pH	Continuous Monitoring	pH Probe with Recorder
Temperature	Continuous Monitoring	Temperature Probe with Recorder
Flow	Continuous Monitoring	Flow Meter with recorder.
Flow	Continuous Monitoring	Onsite Balance tank
Methane	Quarterly	Methane Scrubber system

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