

## Noeleen Keavey

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**From:** Ronan Connolly <rconnolly@water.ie>  
**Sent:** 17 May 2017 12:25  
**To:** Noeleen Keavey  
**Cc:** Caroline Murphy  
**Subject:** Saint Gobain Performance Plastics Ireland - P0096-03- IW S99E Response\_Consent \_170516  
**Attachments:** Saint Gobain Performance Plastics Ireland - P0096-03- IW S99E Response\_Consent \_170516.pdf

Dear Ms Keavey,

Please find attached Irish Water's consent to discharge to sewer associated with the Saint Gobain Performance Plastics Ireland – P0096-03 -application for an Industrial Emissions licence review.

If you have any further queries, please do not hesitate in contacting me.

A hard copy shall be issued by post today.

Kind Regards,

Ronan

Ronan Connolly  
Environmental Policy and Licensing Support Officer

**Uisce Éireann**

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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 scríos 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 theachtaireachtaí 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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Johnstown Castle Estate,  
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**Reg No: P0096-03**

**16 May 2017**

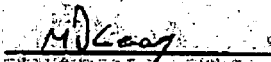
**Dear Ms Keavey,**

**I refer to your correspondence dated 13<sup>th</sup> December 2016 relating to an application from Saint-Gobain Performance Plastics Ireland, Killybeg, County Clare, for an Industrial Emissions Licence review.**

**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**

  
**Michael O'Leary,  
Authorised Signatory**

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## IRISH WATER RESPONSE

Irish Water  
Colvill House  
24/26 Talbot Street  
Dublin 1

Name of Facility: Saint-Gobain Performance Plastics Ireland

Reg. No: P0096-03

Location Address: Kilrush, County Clare.

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

### **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 trade effluent and to take samples of the trade effluent.
2. The Licensee shall at no time discharge or permit the discharge into the sewer of any liquid matter or thing which;
  - I. would constitute a danger to sewer maintenance personnel working in the wastewater network or wastewater treatment plant;
  - II. cannot be appropriately treated at the downstream wastewater treatment plant;
  - III. would be liable to render wastewater sludge generated at the downstream wastewater treatment plant unsuitable for disposal to agricultural lands or other approved disposal routes;
  - IV. would be liable to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer;
  - V. would be liable to cause the liberation of by-products detrimental to either the wastewater network or wastewater treatment plant;
  - VI. would be liable to cause impairment of the receiving environment and ecosystem to which the wastewater treatment plant discharges;
  - VII. would be liable to give rise to flammable or explosive vapours in the receiving wastewater network;
  - VIII. would be liable to cause the release of nuisance odours from the wastewater network either directly or indirectly following mixing with other wastewater within the network; or,
  - IX. would be liable to cause a blockage in the wastewater network or set, or congeal, at average sewer temperature.

|                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. The licensee shall notify Irish Water, the Local Authority and the Agency in advance of any changes which may result in a change in the nature, characteristics or volume of trade effluent or other matter discharged to sewer.                                                                                                                                                                               |
| 4. Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the discharge to sewer.                                                                                                                                                                                                                                                                 |
| 5. The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.                                                                                                                                                                                                                                    |
| 6. The Licensee shall ensure that any trade effluent generated as a result of kitchen/canteen activities with the potential to contain fats, oils and grease (FOG) pass through grease removal equipment before entry to the public sewer.                                                                                                                                                                        |
| 7. The Licensee shall maintain on-site trade effluent treatment systems so as to meet the requirements set out in <i>Schedule B: Emission Limits to Sewer</i> and in any case, at least in accordance with the manufacturer's specifications or industry best practice guidelines or as per additional maintenance or servicing requirements requested in writing by Irish Water based on operational experience. |
| 8. A summary report of volumes of effluent 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 the Irish Water and the Local Authority in a manner and timeframe specified by Irish Water.                                                   |
| 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, treatment, monitoring, sampling and analysis costs. Payment to be made on demand.                                                                                                                            |

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# **Limit Values for Process Effluent to Sewer**

## **Schedule B: Emission Limits**

Emission Point Reference No.: **SE1**

Location: East of site near PTFE production Building (E099837, N156035)

Volume of Trade effluent to be emitted: Maximum in any one day:

**20 m<sup>3</sup>**

Maximum in any hour:

**5 m<sup>3</sup>**

| Parameter              | Emission Limit Values                      |                     |
|------------------------|--------------------------------------------|---------------------|
| pH                     | 6-9 pH Units                               |                     |
| Temperature            | 35°C                                       |                     |
| Toxicity               | 10 TU                                      |                     |
|                        | Concentration (mg/l) <small>Note 1</small> | Daily Load (kg/day) |
| BOD                    | 1,500                                      | 40                  |
| COD                    | 8,000                                      | 100                 |
| Total Suspended Solids | 500                                        | 5                   |
| Total Phosphorus       | 10                                         | 0.2                 |
| Total Nitrogen         | 50                                         | 1                   |
| FOG                    | 100                                        | 2                   |
| Detergents             | 10                                         | 2                   |
| Sulphate               | 800                                        | 16                  |
| Chloride               | 1,000                                      | 20                  |

### **Schedule C**

#### **C.1 Frequency of Monitoring Process Effluent to Sewer**

| <b>Parameter</b>       | <b>Monitoring Frequency<br/>(Note 1 &amp; 2)</b> | <b>Analysis Method/Technique</b>                   |
|------------------------|--------------------------------------------------|----------------------------------------------------|
| Flow to sewer          | Continuous                                       | On-line continuous Flow meter with recorder        |
| pH                     | Continuous                                       | On-line continuous pH Probe and recorder           |
| Temperature            | Continuous                                       | On-line continuous Temperature probe with recorder |
| BOD                    | Monthly                                          | Standard Method                                    |
| COD                    | Weekly                                           | Standard Method                                    |
| Total Suspended Solids | Monthly                                          | Standard Method                                    |
| FOG                    | Quarterly                                        | Standard Method                                    |
| Total N                | Quarterly                                        | Standard Method                                    |
| Detergents             | Quarterly                                        | Standard Method                                    |
| Chloride               | Quarterly                                        | Standard Method                                    |
| Organic Solvents       | Annually                                         | Standard Method                                    |
| Respirometry           | Annually                                         | Standard Method                                    |
| Toxicity               | As may be required                               | Standard Method                                    |
| Priority Substances    | As may be required                               | Standard Method                                    |

**Note 1.**

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

**Note 2.**

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

## C.2. Control of Emissions to Sewer

**Description of treatment:** Removal of PTFE Sludge from trade effluent

| Control Parameter | Monitoring          | Key Equipment <sup>Note 1</sup> |
|-------------------|---------------------|---------------------------------|
| Sludge Settlement | PTFE Sludge removal | Three stage settlement tanks    |

**Description of treatment:** Removal of Fats, Oil and Grease generated as a result of kitchen/canteen activities

| Control Parameter          | Monitoring                                                              | Key Equipment <sup>Note 1</sup> |
|----------------------------|-------------------------------------------------------------------------|---------------------------------|
| Fats, Oil & Grease Removal | FOG content in trade effluent as a result of kitchen/canteen activities | Grease Removal Equipment        |

**Note 1:** Grease removal equipment employed shall meet the following specifications;

- Passive grease separators must comply with the requirements of I.S. EN 1825: Parts 1 & 2
- Grease removal units must comply with the requirements of the US Plumbing and Drainage Institute (PDI) G101 guidelines.

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