

Grainne Oglesby

From: Ronan Connolly <rconnolly@water.ie>
Sent: 27 August 2014 19:04
To: Grainne Oglesby
Cc: Gillian Vaughan; Jim Fitzgerald (C); Justin Doran; Anne Bonner; Anthony Skeffington; Shay Walsh; Gerry O'Donoghue
Subject: Section 99E - P0988-01 McHale Engineering - Irish Water's Response to EPA 140827
Attachments: P0988-01 McHale Engineering - Irish Water's Response to EPA 140827.pdf

Dear Ms Oglesby,

I refer to EPA letter dated 24th July 2014 in relation to the Section 99E consent request for the proposed discharge to sewer from McHale Engineering, Castlebar Road, Rathcarreen, Ballinrobe, County Mayo, as part of their application for an Industrial Emissions licence review.

Please find attached Irish Water's response in accordance with Section 99E of the Environmental Protection Agency Act 1992, as amended.

A hard copy has also been sent to:

Gráinne Oglesby,
EPA Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford

Environmental
Protection Agency
27 AUG 2014

For inspection purposes only:
Consent of copyright owner required for any other use.

Kind Regards,

Ronan

Ronan Connolly
Environmental Policy and Licensing Support Officer

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 8925386

rconnolly@water.ie

www.water.ie

 Please consider the environment before printing this e-mail

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>



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

**Environmental
Protection Agency**

27 AUG 2014 -by Email

Ms. Gráinne Oglesby
EPA Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

27th August 2014

Reg No: P0988-01 Section 99E request for consent to discharge

Dear Ms. Oglesby,

I refer to EPA letter dated 24th July 2014 in relation to the Section 99E consent request for the proposed discharge from McHale Engineering, Castlebar Road, Rathcarreen, Ballinrobe, County Mayo, as part of their application for an Industrial Emissions licence review.

Please note that this letter should be read in conjunction with the attached Irish Water response in accordance with Section 99E of the Environmental Protection Agency Act, 1992, as amended.

Please find attached Irish Water's consent 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

Section 99E Response in relation to McHale Engineering

IED Application.

Prepared by: Larry Walsh, Senior Executive Scientist, Mayo County Council.

Reviewed by: Gerry O'Donoghue, Wastewater & Sludge Strategy Lead, Irish Water

Date: 27th August 2014.

IRISH WATER RESPONSE

Irish Water
Colvill House
24/26 Talbot Street
Dublin 1

Name of Facility: McHale Engineering

Reg. No: P0988-01

Location Address: Castlebar Road, Ballinrobe, Co. Mayo

Consent: Indicate Yes to one of the following statements:

Consent granted subject to the consent conditions outlined below.	YES
Consent granted without conditions.	
Consent refused ^{Note 1} .	

Note 1 Where it is proposed to refuse permission the reasons for the refusal should be clearly outlined in the response.

GENERAL CONSENT CONDITIONS	Condition to be Included (Yes/No)
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.	YES
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.	YES

<p align="center">ADDITIONAL GENERAL CONSENT CONDITIONS In respect of discharges or emissions to sewers, in accordance with Section 99E of the Environmental Protection Agency Act 1992, as amended. <i>(Specify, if required)</i></p>
<p>The licensee shall pay to the Water Services Authority (Irish Water) such sums 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.</p>

For inspection purposes only
Consent of copyright owner required for any other use.

Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Emission Point Reference No.: SE-1 (118176E, 265601N)

Emission to (sewer description): Ballinrobe Town Sewer and Ballinrobe WWTP

Volume to be emitted: Maximum in any one day: 60m³
 Maximum rate per hour: 6m³

Parameter (delete parameters which are not applicable)	Emission Limit Value	
	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
BOD	350	21
COD	1200	72
Suspended Solids	100	
pH	6.0 – 9.0	
Temperature	35° C (max.)	
ADDITIONAL PARAMETERS (if required)		
Sulphates (as SO ₄)	400	
Detergents (as MBAS)	100	
Fats, oils and greases (FOG)	40	
Nitrates (as N)	30	
Total Phosphorus (as P)	3.0	
Chlorides (as Cl)	400	
Aluminium	15.0	
Cyanides (sodium cyanide & zinc cyanide)	0.2	
Copper	1.0	
Nickel	1.0	
Zinc	5.0	
Chromium	2.0	
Total Heavy Metals	5.0	

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission Point Reference No.: **SE-1 (118176E, 265601N)**

Parameter	Monitoring Frequency (Note 1)	Analysis Method/Technique (Note 2)
Flow to sewer	Continuous	On-line flow meter with recorder
Temperature	Daily	Temperature probe with recorder
Conductivity	Daily	Conductivity Probe with recorder
pH	Continuous	pH electrode/meter and recorder
Chemical Oxygen Demand	Fortnightly ^{Note 3}	Standard Method
Biochemical Oxygen Demand	Fortnightly ^{Note 3}	Standard Method
Suspended Solids	Fortnightly ^{Note 3}	Standard Method
Sulphates (as SO ₄)	Fortnightly ^{Note 3}	Standard Method
Detergents (as MBAS)	Fortnightly ^{Note 3}	Standard Method
Fats, oils and greases (FOG)	Fortnightly ^{Note 3}	Standard Method
Total Nitrogen (as N)	Fortnightly ^{Note 3}	Standard Method
Nitrates (as N)	Fortnightly ^{Note 3}	Standard Method
Total Phosphorus (as P)	Fortnightly ^{Note 3}	Standard Method
Chlorides (as Cl)	Fortnightly ^{Note 3}	Standard Method
Cyanides	Fortnightly ^{Note 3}	Standard Method
Aluminium	Fortnightly ^{Note 3}	AA/ICP
Copper	Fortnightly ^{Note 3}	AA/ICP
Nickel	Fortnightly ^{Note 3}	AA/ICP
Zinc	Fortnightly ^{Note 3}	AA/ICP
Chromium	Fortnightly ^{Note 3}	AA/ICP
Total Heavy Metals ^{Note 4}	Fortnightly ^{Note 3}	AA/ICP
Organic Solvents ^{Note 5}	Quarterly	GC/MS
Toxicity ^{Note 6}	Annually	To be agreed with the Agency

Note 1: Samples shall be collected on a 24 hour flow proportional composite basis.

Note 2: Or an equivalent method acceptable to the Agency.

Note 3: After three months and upon receipt of the test results, the frequency of monitoring shall be reviewed by the Agency and the Sanitary Authority.

Note 4: The method employed shall be suitable for the detection of all metals used in the process.

Note 5: Screening for priority pollutant list substances (such as US EPA volatile and/or semi-volatile compounds). This analysis shall include those organic solvents in use in the process, which are likely, through normal process operations, to be diverted to the wastewater streams.

Note 6: The number of toxic units (Tu) = 100/x hour EC/LC₅₀ in percentage vol/vol so that higher Tu values reflect greater levels of toxicity. For test regimes where species death is not easily detected, immobilisation is considered equivalent to death.

for Irish Water
27/8/2014

Signed on behalf of Mayo County Council:

L. Walsh.

Date 27th August 2014.

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.