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Reg No: P00126-03

2nd July 2014

Dear Ann,

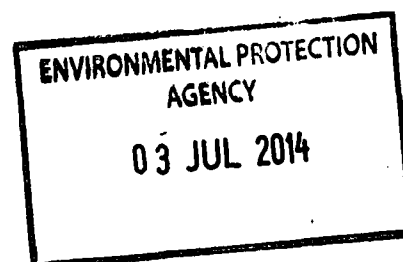
I refer to your letter dated 27th May regarding an application from Allergan Pharmaceuticals Ireland, Castlebar Road, Carrowbeg, Westport, Co. Mayo for an Industrial Emissions Licence.

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



IRISH WATER RESPONSE

Irish Water
Colvill House
24/26 Talbot Street
Dublin 1

Name of Facility: Allergan Pharmaceuticals Ireland

Reg. No: P00126-03

Location Address: Castlebar Road, Carrowbeg, Westport, County 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 <small>Note 1</small>	

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 (or their Agents), 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

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.
(Specify, if required)

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.

The licensee shall pay an agreed sum to Irish Water towards the cost of monitoring the trade effluent. This amount will be revised from time to time. Payment to be made on demand

A summary report (soft copy) of emissions to sewer shall be submitted to the Regional Wastewater Monitoring Compliance Liaison Specialist, Connaught & Ulster Region, Irish Water on a monthly basis.

No substance shall be present in such concentrations as would constitute a danger to sewer maintenance personnel, working in the sewerage system or as would be damaging to the sewer fabric or as would interfere with the biological functioning of a downstream wastewater treatment works.

No substance shall be discharged in a manner, or at a concentration which, after initial dilution in the receiving waters to which Irish Water sewage is discharged, causes tainting of fish or shellfish

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

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

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

Change of Use of Premises or Treatment Plant:

The Licensee shall notify Irish Water of any proposed changes in operation of the premises or treatment plant, which would cause, or be likely to cause an alteration in the volume or composition of the treated effluent discharge.

Monitoring

The Licensee shall ensure that there is safe and free access for Irish Water, or those working on behalf of Irish Water, to sample all discharges.

The sampling and monitoring point should be located upstream of the point at which domestic type discharge from the premises enters the network.

Contribution to Licensing Authority

The Licensee shall pay to Irish Water, such sums as Irish Water determines having regard to the costs incurred in monitoring the licence activity, including inspection, auditing, sampling and analysis as necessary for the performance of its statutory functions under the Water Services Act 2007

Limit Values for Process Effluent to Sewer

Schedule B: Emission Limits

Emission Point Reference No: SE1 (100489E, 285143N).

Emission to (sewer description): Westport Municipal WWTP

Volume to be emitted: Maximum in any one day: 960m³
Maximum rate per hour: 55m³

Parameter (delete parameters which are not appllicable)	Emission Limit Value	
	Daily Mean Concentration (mg/l)	Daily Mean Loading (kg/day)
BOD	500	150
COD	2200	700
pH	6-9	
Temperature	35°C (max)	
ADDITIONAL PARAMETERS (if required)		
Detergents (as lauryl sulphate)	5	3.5
Total Residual Chlorine	5	5
Mercury	0.005	0.0035
Undenatured Botulinum Toxin	None detectable	None detectable
Total Phosphorus (as P)	15	15
Oils, Fats & Grease (OFG)	50	-
Toxicity	10 TU	-

Frequency of Monitoring Process Effluent to Sewer

Schedule C

Emission Point Reference No: SE1

Parameter (delete parameters which are not applicable)	Monitoring Frequency (e.g. monthly, quarterly, annually)	Sample Type (grab, composite)
Flow	Continuous	On-line flow meter with recorder.
Temperature	Continuous	Online temperature probe with recorder
pH	Continuous	pH electrode/meter and recorder
Chemical Oxygen Demand	Weekly ^{Note 1}	Standard Method
Biochemical Oxygen Demand	Monthly ^{Note 1}	Standard Method
Suspended Solids	Weekly ^{Note 1}	Standard Method
ADDITIONAL PARAMETERS (if required)		
Nitrates (as N)	Monthly ^{Note 1}	Standard Method
Ammonia (as N)	Monthly ^{Note 1}	Standard Method
Total Phosphorus (as P)	Monthly ^{Note 1}	Standard Method
Total Residual Chlorine	Weekly	Standard Method
Mercury	Monthly ^{Note 1}	Standard Method
Detergents (as lauryl sulphate)	Monthly ^{Note 1}	Standard Method
Organic Compounds	Monthly	Standard Method
Oils, fats and greases	Monthly	Standard Method
Undenatured Botulinum Toxin	Annually	Standard Method
Toxicity ^{Note 3}	Annually	To be agreed by the Agency
Respirometry testing ^{Note 4}	Annually	Standard Method

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

Note2: 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 3: 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.

Note 4: Respirometry testing to be carried out as per methodology stipulated by the Agency in the letter to Allergan dated 10/07/07, or as otherwise agreed by the Agency.

Signed on behalf of:

Date _____

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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