

Licensing Notice - EPA Initiated Review for Sigma-Aldrich Ireland Limited Licence (P0089-06)

Licence: Sigma-Aldrich Ireland Limited (P0089-06)

Status Reason: Open

Issued On: 16/06/2020

Action Type: Licensing Notice

Status History Action: BATC - Notification

16/06/2020 Reg. No.: P0089-05 Licensee: Sigma-Aldrich Ireland Limited

Re: Notice for the purposes of Section 87(1)(b) of the EPA Act 1992 as amended – Review by the Agency of an Industrial Emissions Licence

Dear Mr. Vincent Kennedy,

I am to advise, in accordance with Section 87(1)(b) of the EPA Act 1992 as amended, that the Agency intends initiating a review of your existing Industrial Emissions Licence, Register Number: P0089-05, for an installation located at Vale Road, Arklow, Wicklow.

The review is being initiated for the purpose of enabling the Agency to complete a mandatory review of an Industrial Emissions Licence, or revised licence, under Section 90(1)(aa) of the EPA Act 1992 as amended. This review is for the purposes of updating your licence to ensure compliance with the requirements of the European Commission decision on BAT conclusions applicable to your installation (Commissions Implementing Decision 2016/902/EU).

For the purposes of the review, the reference number in the Register of Licences is P0089-06.

In accordance with Section 90(7) of the EPA Act as amended, you are required, for the purposes of the review of your licence, to submit the following information:

- (1) A completed 'Industrial Emissions Licensing: Section 90(1)(aa) Review Form' document for upload.
- (2) Additional documents, particulars and information specified in the electronic web-form.

The totality of the above information, hereafter referred to as the 'BATC Review Form', is requested to be submitted via EDEN.

The 'BATC Review Form' can now be accessed via your EDEN log-in. To access this select the 'Application' link on the Licence Dashboard page, or select 'Apply' (from the tool bar), select 'My Applications' and click on the associated 'Edit Application' button.

Please submit your completed 'BATC Review Form' via EDEN.

A newspaper notice will be published in a newspaper circulating in your district in accordance with Article 12(1) of the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations 2013, stating that the EPA is initiating a review of your licence.

Submissions

In accordance with Regulation 12(3) of the Environmental Protection Agency (Industrial Emissions) (Licensing) Regulations 2013 you are entitled, **but not required**, to make a submission to the Agency within four weeks of the date of this notice.

A 'Regulation 12(3) Submission' can be submitted to the Agency via EDEN by selecting the 'Authorisation Module', navigating to relevant licence, selecting 'Send Unsolicited Correspondence', uploading a 'Regulation 12(3) Submission' and clicking on 'Submit'.

If you have any difficulties accessing the Authorisation Module or the 'BATC Review', please contact the EPA via e-mail at EDEN@epa.ie. Any queries in relation to the required information should be submitted via e-mail to licensing@epa.ie.

Yours sincerely,

Environmental Licensing Programme

Office of Environmental Sustainability

Tel: 053-9160600

e-mail: licensing@epa.ie



Industrial Emissions Licensing

Section 90(1)(aa) Review Form and Guidance Note

for the activities covered by the Commission Implementing Decision (2016/902/EU) where it relates to the main activity of an installation.

This form is for the purpose of enabling the Agency to complete a mandatory review of an Industrial Emissions licence or revised licence under Section 90(1)(aa) of the EPA Act 1992 as amended (i.e. a questionnaire for the purposes of completing the review).

Ref: Commission Implementing Decision (2016/902/EU) establishing the best available techniques (BAT) conclusions under Directive 2010/75/EU for common waste water and waste gas treatment/management systems in the chemical sector.

EPA Reg. Nº:	<input type="text"/>
---------------------	----------------------

Environmental Protection Agency

P.O. Box 3000, Johnstown Castle Estate, Co. Wexford

Lo Call: 1890 335599 Telephone: 053-9160600 Fax: 053-9160699

Web: www.epa.ie Email: Licensing@epa.ie

Tracking Amendments to Review Form

Version No.	Date	Amendment since previous version	Reason
V.1.0	April 2019	Update to refer to CID 2016/902	New CID implementation

CONTENTS

ABOUT THIS REVIEW FORM	4
SECTION A: GENERAL	5
SECTION B: COMPARISON WITH BAT	11
SECTION C: MATERIALS HANDLING.....	13
SECTION D: EXISTING ENVIRONMENT & IMPACT OF THE ACTIVITY	14
SECTION E: DECLARATION	16
ANNEX 1: TABLES	17

ABOUT THIS REVIEW FORM

This form is for the purpose of a review of a licence or revised licence relating to an industrial emissions directive activity in order to ensure that necessary documents, particulars and other information are provided by the licensee so that the Agency can:

- a. assess compliance with the Industrial Emissions Directive (including baseline report requirements, waste management etc.),
- b. assess compliance with the Commission Implementing Decision of 30 May 2016 establishing the best available techniques (BAT) conclusions under Directive 2010/75/EU of the European Parliament and of the Council for common waste water and waste gas treatment/management systems in the chemical sector (2016/902/EU),
- c. have regard to any change in environmental quality in the area of the installation (Section 90(6)),
- d. have regard to any emerging techniques in particular those emerging techniques identified in the BAT reference documents (Section 90(6)),
- e. compare the operation of the installation, including an assessment of the results of environmental monitoring, with the BAT described in the applicable BAT conclusions and with the emissions levels associated with the BAT (Section 90(8)),
- f. facilitate public participation in the licence review process by providing information about the activity and where it is situated,
- g. ensure any variations or adjustments to the licence agreed by the Office of Environmental Enforcement are considered, and
- h. ensure coherence with planning and development requirements.

The completed Review Form and all supporting information should be submitted to the Headquarters of the Agency via an electronic 'BATC Review' web-form available on EDEN.

To enable the Agency to expedite the licence review process, licensees are requested to submit the completed review form and all supporting information no later than the date specified in the Section 90(7) Notice.

All attachments should be submitted in searchable PDF format and be no larger than 10MB each in size. Supporting information is to be uploaded as an attachment in the BATC Review web-form.

You are directed to:

- a. Complete all steps of the BATC Review web-form, accessed via EDEN
- b. Upload this completed Review Form as an attachment to the BATC Review web-form at the placeholder for the BATC Review Form.
- c. Upload additional attachments to the relevant placeholder in the BATC Review web-form, where available, and
- d. Upload any other attachment as an 'additional attachment' in the BATC Review web-form

10MB is the maximum allowable document size for uploading.

SECTION A: GENERAL

A.1. Licensee and location of licensed installation

Existing Licence Register Number:	
Name of licensee*:	
Address of installation:	
Tel:	
Fax:	
e-mail:	

* This should be the name of the licensee which is current on the date this Review Form is lodged with the Agency. It should be the name of the legal entity (which can be a limited company and has a CRO number and or a sole trader) that holds the licence. A trading/business name is **not acceptable**.

National Grid Reference (12 digit 6E,6N)	Grid references for the centre of the site
---	--

CRO No. and address of registered or principal office of Body Corporate

CRO No.
Address of company:
Tel:
Fax:
e-mail:

Name and Address for Correspondence

Only documentation submitted by the licensee and by the nominated person will be deemed to have come from the licensee.

Name:
Address:
Tel:
Fax:
e-mail:

A.3. Class of Activity

Input, as authorised in the existing licence, the relevant activities from the First Schedule of the EPA Act 1992 as amended, authorised at the installation:

Class of activity	Description (amend First Schedule of the EPA Act 1992 as amended, wording to reflect your activity)

A.3A Classes of Waste Activity

If a Class 11 activity is listed in your response to A.3, identify the relevant activities as listed in Annex I and Annex II of the Waste Framework Directive (2008/98/EC) by completing table A.3A below.

TABLE A.3A Classes of Waste Activity

Waste Framework Directive 2008/98/EC

Annex I Disposal Operations		Y/N
D 1	Deposit into or on to land (e.g. including landfill, etc.).	
D 2	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.).	
D 3	Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.).	
D 4	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.).	
D 5	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.).	
D 6	Release into a water body except seas/oceans.	
D 7	Release to seas/oceans including sea-bed insertion.	
D 8	Biological treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12.	
D 9	Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12 (e.g. evaporation, drying, calcinations, etc.).	
D 10	Incineration on land.	
D 11	Incineration at sea. ¹	
D 12	Permanent storage (e.g. emplacement of containers in a mine, etc).	
D 13	Blending or mixing prior to submission to any of the operations numbered D 1 to D 12. ²	

¹ This operation is prohibited by EU legislation and international conventions.

² If there is no other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, inter alia, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12.

Annex I Disposal Operations		Y/N
D 14	Repackaging prior to submission to any of the operations numbered D 1 to D 13.	
D 15	Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage, pending collection, on the site where the waste is produced). ⁷	

Annex II Recovery Operations		Y/N
R 1	Use principally as a fuel or other means to generate energy. ³	
R 2	Solvent reclamation/regeneration.	
R 3	Recycling /reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes). ⁴	
R 4	Recycling/reclamation of metals and metal compounds.	
R 5	Recycling/reclamation of other inorganic materials. ⁵	
R 6	Regeneration of acids or bases.	
R 7	Recovery of components used for pollution abatement.	
R 8	Recovery of components from catalysts.	
R 9	Oil re-refining or other reuses of oil.	
R 10	Land treatment resulting in benefit to agriculture or ecological improvement.	
R 11	Use of waste obtained from any of the operations numbered R 1 to R 10.	
R 12	Exchange of waste for submission to any of the operations numbered R 1 to R 11. ⁶	
R 13	Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where the waste is produced). ⁷	

³ This includes incineration facilities dedicated to the processing of municipal solid waste only where their energy efficiency is equal to or above:

- 0.60 for installations in operation and permitted in accordance with applicable Community legislation before 1 January 2009,

- 0.65 for installations permitted after 31 December 2008,

using the following formula:

$$\text{Energy efficiency} = (E_p - (E_f + E_i)) / (0.97 \times (E_w + E_f))$$

In which:

'E_p' means annual energy produced as heat or electricity and is calculated with energy in the form of electricity being multiplied by 2.6 and heat produced for commercial use multiplied by 1.1(GJ/year),

'E_f' means annual energy input to the system from fuels contributing to the production of steam (GJ/year),

'E_w' means annual energy contained in the treated waste calculated using the net calorific value of the waste (GJ/year),

'E_i' means annual energy imported excluding E_w and E_f(GJ/year),

'0.97' is a factor accounting for energy losses due to bottom ash and radiation.

This formula shall be applied in accordance with the reference document on Best Available Techniques for waste incineration.

⁴ This includes gasification and pyrolysis using the components as chemicals.

⁵ This includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials.

⁶ If there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, inter alia, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11.

⁷ Temporary storage means preliminary storage according to point (1) of Article 3 [of the Waste Framework Directive 2008/98/EC].

A.4 Industrial Emissions Directive

State whether the installation falls under the scope of Chapters III, IV, V or VI of the Industrial Emissions Directive (2010/75/EU).

Yes No

If yes specify the relevant sections and Annex.

IED Chapter(s)	Y/N	Identify Annexes to the Directive relevant to your licence	Applicability to the installation
Chapter III			
Chapter IV			
Chapter V			
Chapter VI			

A.5. Planning Permission Requirements associated with this review

A.5.1

State whether **development** is required for the purposes of achieving compliance with the Commission Implementing Decision of 30 May 2016 establishing the best available techniques (BAT) conclusions under Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions for common waste water and waste gas treatment/management systems in the chemical sector (2016/902/EU).

Yes No

A.5.2

If yes to A.5.1, State whether **planning permission** is required for this development:

Yes No

If no to A.5.2, provide written confirmation as an **Attachment numbered N^o. A.5.2** from the planning authority or An Bord Pleanála that planning permission is not required for this development.

If yes to A.5.2:

- give details of the planning status relating to the development required for the purposes of achieving compliance with the CID 2016/902/EU:

A.5.(a) has been obtained	
A.5.(b) has been refused	

Local Authority Name and Planning File Reference N^o:	
An Bord Pleanála Planning File Reference No:	

If yes to A.5.2:

- provide a copy of any report on a screening for Appropriate Assessment and, if prepared, a Natura Impact Statement (NIS) that was prepared for consideration by any planning/public authority as defined in Regulation 2(1) of the European Communities (Birds and Natural Habitats) Regulations 2011 (S.I. No. 477 of 2011) in relation to the activity. Where a determination that an Appropriate Assessment is required has been made by any planning/public authority in relation to the activity, a copy of that determination and any screening report and Natura Impact Statement (NIS), and any supplemental information furnished in relation to any such report or statement, which has been provided to the planning/public authority for the purposes of the Appropriate Assessment shall be included as an **Attachment numbered N^o A.5c.**

A.6 Seveso III Regulations

State whether the activity is an establishment to which the EC (Control of Major Accident Hazards involving Dangerous Substances) Regulations (S.I. No. 209 of 2015) apply.

Yes No

If yes, outline how the installation comes under these Regulations.

If yes, outline existing or proposed measures, including emergency procedures, to minimise the impact on the environment of an accidental emission or spillage having regard to the Safety Report and/ or Major Accident Prevention Policy as appropriate.

Supporting information should be included in an **Attachment numbered N^o A.6.**

A.7 Mercury Regulation

State whether the activity is one to which the following apply:

- European Union (Mercury) Regulations (S.I. No. 533 of 2018),
- Regulation (EU) No 2017/852 of the European Parliament and of the Council of 17 May 2017 on mercury and repealing Regulation (EC) No 1102/2008.

Yes No

If yes, outline in an **Attachment Numbered N^o A.7** how the activity comes under these Regulations.

A.8 Regulations Controlling Fluorinated Greenhouse Gases and Ozone Depleting Substances

State whether the installation is one to which the following apply:

- Operator of equipment and systems containing ozone depleting substances, in accordance with Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer.

Yes No

- Operator of equipment and systems containing fluorinated greenhouse gases, in accordance with Regulation (EC) No. 517/2014 on certain fluorinated greenhouse gases.

Yes No

If yes, outline in an **Attachment Numbered N^o A.8** how the activity comes under these regulations.

More information and guidance is available on the EPA website:

<http://www.epa.ie/air/airenforcement/ozone/guidanceanddownloads/>

A.9 Indicative list of the principal polluting substances

State whether any of the substances specified in the Schedule of the EPA (Industrial Emissions)(Licensing) Regulations 2013, S.I. No. 137 of 2013, are emitted by the activity to air and/or water.

Yes No

If yes, identify and list the substances and where appropriate the associated emission limit value specified in the licence in an **Attachment numbered No B.9**.

A.10 Updates to the conditions or schedules of the existing licence agreed by the Agency (e.g. trigger levels)

For the purposes of consistency and expediency, you should provide details of any variations and agreements to the existing licence conditions or schedules agreed with the Agency since grant of your existing licence. **Attachment numbered N^o A.10** should include the schedule of variations and/or adjustments (in a format as outlined below) together with updated drawings, where appropriate.

Condition/ Schedule No.	Existing Condition	OEE Agreement Reference	Description

A.11 Once-off assessments and reports required and approved under the existing licence

Please provide status details of any once-off assessments and/or reports required under the conditions and schedules of the existing licence.

Attachment numbered N^o A.11 should include the schedule of submission of once-off reports (in a format as outlined below).

Condition/ Schedule No.	Date submitted	OEE Agreement Reference	Description

SECTION B: COMPARISON WITH BAT

B.1 A comparison of the operation of the installation with BAT

You must submit the **results of emissions monitoring** from the preceding three years in an **Attachment numbered N^o. B.1**. This includes emissions monitoring as specified in the existing licence or any other emissions monitoring carried out by or on behalf of the licensee.

You must **evaluate the monitoring results** and other data and **present your assessment** such that it will enable a comparison of the operation of the installation with the best available techniques described in the applicable BAT conclusions and with the emission levels associated with the best available techniques in accordance with Section 86A(9) of the Act of 1992 as amended.

Complete the tables in Annex I as appropriate for this purpose and include in an **Attachment numbered N^o. B.1**.

B.2 BAT consideration:

The BAT conclusions from the commission implementing decision of 30 May 2016 establishing the best available techniques (BAT) conclusions under the Directive 2010/75/EU of the European Parliament and of the Council on industrial emissions, for common waste water and waste gas treatment/management systems in the chemical sector (2016/902/EU) have been prepopulated into the web-form for your use. Each BAT has a free text field and ability to upload a 10MB attachment for your use. Further guidance on completing the BAT consideration is available on the web form.

Your assessment of each BATC shall be inputted directly into the **BATC Review web-form fields and where necessary, uploaded in a supporting attachment to the place holder associated with the relevant BATC**.

B.3 Emerging Techniques

State whether you propose to test and use an 'emerging technique' in particular those identified in the BREF reference documents relevant to the activity:

Yes No

If yes, describe your proposal and include in **as an uploaded attachment to the relevant BATC place holder in the BATC Review web-form**.

B.4 Other relevant conclusions on BAT

Tabulate, using the format in Table B.4(i) below, all the relevant conclusions on BAT from the following BREF documents:

- Reference Document on Best Available Techniques for Energy Efficiency, February 2009
- Reference Document on Best Available Techniques on Emissions from Storage, July 2006
- Monitoring of emissions to Air and Water from IED Installations, July 2018

- Reference Document on Best Available Techniques on Industrial Cooling Systems December 2001

Other relevant Reference Documents on Best Available Techniques for other activities/ processes carried on at the installation.

These documents are available on the European IPPC bureau website at:

<http://eippcb.jrc.ec.europa.eu/reference/>

For each relevant conclusion on BAT, in Table B.4(i), describe how each BAT applies to your installation and provide information on your compliance with the requirement.

For each applicable BAT, state the status; 'Yes', 'Will be' or 'No' as appropriate; the use of each of these terms is described below. Information on compliance in the 'Applicability Assessment' box should include, where applicable, the following:

- Identification of the relevant process/ activity or individual emission points that the BAT requirement applies to at your installation;
- Where BAT is to use one or a combination of listed techniques, specify the technique(s) implemented/proposed at your installation to achieve the BAT; and
- A comment on how the requirements are being met or will be met, e.g., a description of the technology/operational controls/management proposed to meet the requirements.

Use of terms:

(a) 'Yes' – To be selected where the installation is currently compliant with this BAT requirement.

(b) 'Will be' – To be selected where a further technique is required to be installed to achieve compliance with the BAT requirement. In this case you must also give the date, by which the installation will comply with the BAT requirement.

Your assessment shall be **uploaded using the Additional Attachments 'Upload files' button in Step 4 on the BATC Review web-form.**

Other documents which are of relevance for the activities:

- REF on Economic and Cross-media Effects;
- REF on Monitoring of Emissions from IED installations;

Table B.4 (i) CONCLUSIONS ON BAT

Title of Document			
BAT reference Number	BAT Statement	Applicability Assessment (describe how this technique applies or not to your installation)	State if in place or state schedule for implementation
<i>e.g. BAT 1</i>	<i>BAT is to implement and adhere to an environmental management system (EMS) that incorporates all</i>	<i>Applicable</i>	<i>Standardised EMS in place</i>

	<i>of the following features....</i>		

B.5 Tabular Data on Emission and Monitoring Points

You must submit the following information for each emission and monitoring point and include in an **Attachment numbered N^o. B.5:**

Point Code	Point Type	Easting	Northing	Verified	Emission/monitoring
References assigned in existing licence	A=Atmospheric SW=Surface Water SE = Sewer GW=Groundwater N = Noise SL=Soil/Ground WS=Waste	6E-digit GPS Irish National Grid Reference	6N-digit GPS Irish National Grid Reference	Y = GPS used N = GPS not used	E / M

SECTION C: Waste Prevention and Management

C.1 Waste Prevention

Describe in an **Attachment numbered N^o C.1** the arrangements and measures taken for the prevention of waste in accordance with Article 12(1)(h) of the Industrial Emissions Directive.

State whether the installation has participated in any projects under the National Waste Prevention Programme.

Yes No

If yes, give an outline of the project and its conclusions and include in an **Attachment numbered N^o C.1.**

C.2 Recovery or disposal of solid and liquid wastes generated at the installation.

You must complete Table C.1(i) of Annex I for each waste generated at the installation. Where any waste is classified as Hazardous Waste as defined in the Waste Management Act, 1996, as amended, this should be made clear in the information provided.

Supporting information should be included in an **Attachment numbered N^o C.2.**

C.3 Waste hierarchy

You must describe in an **Attachment numbered N^o C.3** how waste generated by the installation will be in order of priority in accordance with section 21A of the Waste Management Acts 1996 as amended, prepared for re-use, recycling, recovery or where that is not technically or economically possible, disposed of in a manner which will prevent or minimise any impact on the environment.

Section 29(2A) of the Waste Management Acts 1996 to 2013 states that it shall be the duty of waste producers and holders to ensure that waste undergoes recovery operations in accordance with sections 21A and 32(1) of the Acts.

For waste whose generation cannot be prevented, describe what measures will be in place to ensure that waste is collected separately (if technically, environmentally and economically practicable) and will not be mixed with other waste or other material with different properties.

For any waste currently being sent for recovery by incineration (waste-to-energy), provide evidence that it is not technically or economically possible for this waste to be prepared for reuse or recycled.

For any waste currently being sent for disposal by incineration or landfill, provide evidence that it is not technically or economically possible for this waste to be prepared for reuse, recycled or recovered.

SECTION D: EXISTING ENVIRONMENT & IMPACT OF THE ACTIVITY

D.1 Impact of emissions

State whether there has been any change in environmental quality in the area of the installation since the installation was granted a licence or revised licence (Section 90(6) of the EPA Act 1992 as amended).

Yes No

If yes, identify and describe these changes in an **Attachment numbered N^o. D.1a**. In addition, provide an assessment in an **Attachment numbered N^o. D.1a** of the effects of any emissions from the installation on the environment of the area where there has been a change in environmental quality.

If no, provide justification.

State whether there has been any change in environmental quality objectives and standards for surface water⁸ as they relate to the emissions from the installation since the installation was last granted a licence or revised licence.

Yes No

If yes, identify and describe these changes in an **Attachment numbered N^o. D.1b**. In addition, provide in an **Attachment numbered N^o. D.1b** an assessment of the effects of any emissions from the installation on the environment of the area.

State whether the installation has an emission to sewer:

Yes No

⁸ European Communities Environmental Objectives (Surface Waters) Regulations, 2009 (S.I. No. 272 of 2009), as amended by S.I. No. 327/2012 and 386 of 2015

If yes, provide in an **Attachment numbered N°. D.1c** information that will allow the Agency to be satisfied with the requirements of Section 86A(8)(a) and (b) of the EPA Act 1992 as amended:

Section 86A(8)

The Agency, in considering an application for a licence or a revised licence, may, where appropriate, take into account the effect of a waste water treatment plant when determining the emission limit values to apply in relation to indirect releases of polluting substances into water from an installation, but the Agency shall not grant a licence or revised licence on that basis unless it is satisfied that –

- (a) the licence or revised licence, or any conditions attached thereto, shall secure that an equivalent level of protection of the environment as a whole is guaranteed, and*
- (b) so granting will not lead to higher levels of pollution in the environment.*

D.2 Baseline report

State whether the licensed activity involves the use, production or release of relevant hazardous substances⁹:

Yes No

If yes, provide an assessment as to whether a baseline report, in accordance with the requirements of section 86B of the EPA Act 1992 as amended, is required. The assessment should be carried out in accordance with the European Commission guidance referenced below. If it is determined that a baseline report is required, provide a baseline report. The assessment and the baseline report should be **uploaded to the BATC Review web-form at the specified place holder for Baseline assessment/ report.**

European Commission Guidance concerning baseline reports under Article 22(2) of Directive 2010/75/EU on industrial emissions is available here.

[http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52014XC0506\(01\)&from=EN](http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52014XC0506(01)&from=EN)

⁹ Relevant hazardous substances are those substances or mixtures defined within Article 3 of Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures which, as a result of their hazardousness, mobility, persistence and biodegradability (as well as other characteristics), are capable of contaminating soil or groundwater.

SECTION E: DECLARATION

Declaration

I certify that the information given in this Review Form is truthful, accurate and complete.

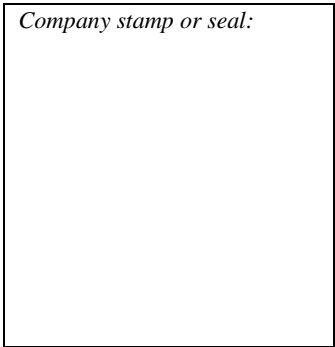
I give consent to the EPA to copy this Review Form for its own use and to make it available for inspection and copying by the public, both in the form of paper files available for inspection at EPA and local authority offices, and via the EPA's website. This consent relates to this review Form itself and to any further information, submission, objection, or submission to an objection whether provided by me as licensee or any person acting on the licensees behalf.

Signed by: _____ **Date:** _____
(on behalf of the organisation)

Print signature name: _____

Position in organisation: _____

Company stamp or seal:



ANNEX 1: TABLE

TABLE B.1 (i): EMISSIONS TO SURFACE WATERS – Comparison with BAT (1 table per emission point)

Emission point reference number: _____

Emission Details:

Volume to be emitted	
Normal /day (m ³ /day)	
Maximum rate/day (m ³ /day)	

Parameter	As discharged ⁽¹⁾ ⁽²⁾ ⁽³⁾			Proposed ELVs		
	Max. daily average (mg/l)	kg/day	kg/year	Max Daily (mg/l)	Kg/day	Yearly average (BAT-AEL)

1. Average concentrations and mass flows shall be based on the arithmetic mean of monitoring results from the preceding twelve months taken under normal operating conditions. The maximum concentration and mass flow shall be based on the monitoring results from the preceding twelve months taken under normal operating conditions.
2. For each parameter identify the frequency of monitoring and the number of monitoring results used to establish the average and maximum results.
3. Provide evidence, summarised in a graph, how the proceeding three years of emissions data confirms compliance with the new yearly average BAT-AEL.

TABLE B.2(i) : EMISSIONS MONITORING AND SAMPLING POINTS

(1 table per emissions to water monitoring point)

Emission Point Reference No. : _____

Parameter	Monitoring frequency	Accessibility of Sampling Points	Sampling method	Analysis method/ technique (ref to CID)

TABLE C.1(i): Generation of waste at the installation and its management

Waste description	LoW ¹⁰ Code (Commission Decision 2000/532/EC, as amended in 2014 ¹¹) (use asterisk to indicate whether hazardous waste or not)	Category per Animal By-products Regulation 1069/2009, as amended?	Source of waste	Quantity generated (tonnes per month)	Location of recovery or disposal (on-site, off-site)	Method of recovery or disposal (e.g. recycling, energy recovery, other incineration, landfill)

¹⁰ List of Waste, http://www.epa.ie/pubs/reports/waste/stats/wasteclassification/EPA_Waste_Classification_2015_Web.pdf

¹¹ Commission Decision 2014/955/EU