

## **Attachment B.1: Company Details**

### **B.1.1 Branch Registration and Certificate of Incorporation**

Appendix B1 contains a certified copy of the certificate of incorporation of Indaver NV as well as an official letter confirming Indaver Ireland is registered as a branch of Indaver NV.

### **B.1.2 Registration Details**

The applicant is registered in Ireland as a branch of Indaver NV, a Belgian registered company (Antwerpen number 254.912) with registered offices at:

Poldervlietweg 5, Haven 550,  
BE-2030 Antwerpen 3  
Belgium.

The applicant registration number is E4443, with registered offices at:

4 Haddington Terrace  
Dun Laoghaire  
Co. Dublin

### **B.1.3 Company Directors**

The authorised representatives of Indaver NV in Ireland include:

- Michel Decorte
- Ronny Ansoms
- John Ahern

The Board of Directors of Indaver NV includes:

- Peter Boerma (Chair)
- Rene Verstraeten (Vice-Chair)
- Frank van den Heuvel
- P&E Management sprl, represented by Paul Van Vanfrachem
- Wilhelmin van Montfrans-Hartman
- Guy De Clercq
- Flemish Environmental Holding nv, represented by Roland Van Dierdonck
- OVAL bvba, represented by Achiel Ossaer
- Suez Environment sa, represented by Yvan Dupon

### **B.1.4 Site Ownership**

A site ownership plan (Drawing 15013\WL\001) is located in Appendix B2.

### **B.1.5 Company Details Modifications**

The principle modifications to company details approved in Waste Licence 167-1 are outlined in Table B.1.a below.

**Table B.1.a: Modifications to company details**

<b>Aspect</b>	<b>Difference</b>
B.1.3	The authorised representatives of Indaver NV and Directors of Indaver NV have changed since WL 167-1 was issued.

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## Attachment B.2: Site Plan, Location and Services

### B.2.1 Site Plan, Location and Services Maps

Drawings can be found in the appendices as listed in Table B.2.a below.

**Table B.2.a: Location of Drawings**

Drawing	Drawing Number	Location
Site Plan	15013\WL\002	Appendix B4
Location Map	15013\WL\003	Appendix B5
Services Plan	15013\WL\004	Appendix B6

### B.2.2 Site Plan, Location and Services Modifications

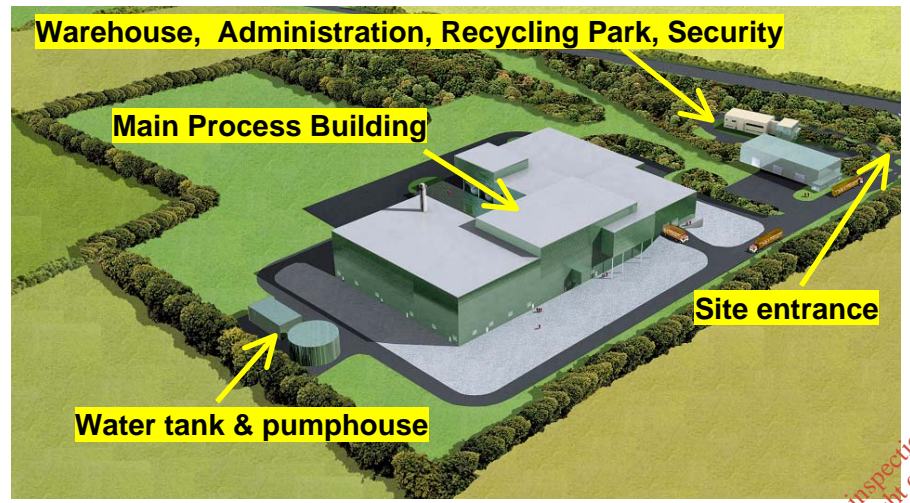
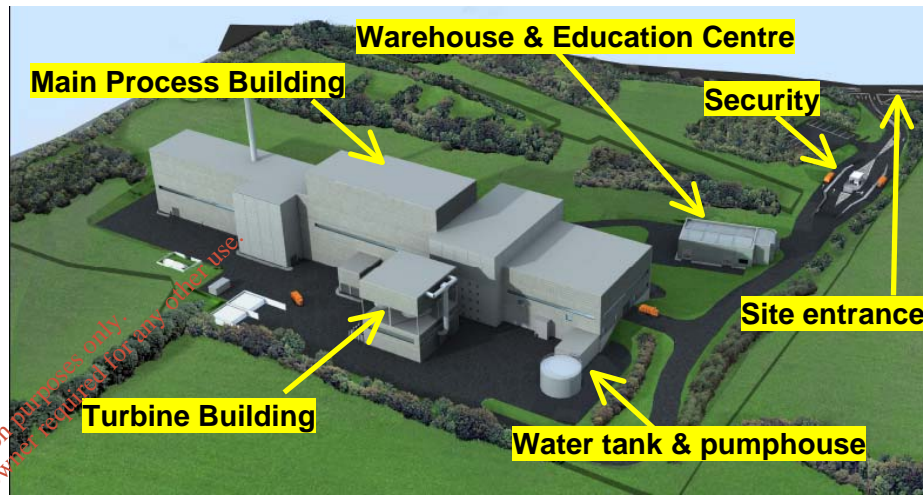
The principle modifications to the site plan and site location approved in Waste Licence 167-1 are outlined in Table B.2.b below.

**Table B.2.b: Modifications to site plan, location and services**

Aspect	Difference
B.2.1	<ul style="list-style-type: none"> <li>The main process building has been realigned along the boundary fence at the back of the site. The maximum height of the building has increased by approximately 10m.</li> <li>The administration building, community recycling park, sorting plant and residue solidification unit have been removed</li> <li>The water tank and pump house have been moved towards the southern boundary</li> <li>The transformer compound has been moved towards the back of the site</li> <li>The sewage treatment system has been moved towards the eastern boundary</li> <li>The warehouse has been moved slightly away from the site entrance</li> </ul>

A comparison of the site layout as approved in WL 167-1 and as revised for this application is provided in Table B.2.c below.

Table B.2.c: Comparison of Site Layout

Site Layout in WL167-1	Revised Site Layout
 <p>Warehouse, Administration, Recycling Park, Security</p> <p>Main Process Building</p> <p>Site entrance</p> <p>Water tank &amp; pumphouse</p>	 <p>Main Process Building</p> <p>Warehouse &amp; Education Centre</p> <p>Security</p> <p>Site entrance</p> <p>Turbine Building</p> <p>Water tank &amp; pumphouse</p>

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## Attachment B.3: Planning Permission and Waste Licence

### B.3.1 Permissions and Licences

Please find in Appendix B6 a copy of planning permission PL17.219721 issued by An Bord Pleanála on the 15th October 2007, including 31 planning conditions.

Appendix B7 includes a copy of the facility's current Waste Licence 167-1 for which this application is a revision.

### B.3.2 Permissions and Licences Modifications

The principle modifications to permissions and licences approved in Waste Licence 167-1 are outlined in Table B.3.a below.

**Table B.3.a: Modifications to permissions and licences**

Aspect	Difference
B.3.1	<p>Planning permission PL 17.219721 for a 200,000 tpa waste-to-energy facility was granted on the 10<sup>th</sup> October 2007.</p> <p>The principle changes include an increase in capacity of the facility from 170,000 tpa (including 20,000 tpa for a Materials Recovery Facility) to 200,000 tpa (with no recycling capacity) and a relaxation in the condition on the source of waste such that the facility can accept waste primarily produced in the North East Region. The latter was sought because, although the facility is designed to primarily service the North East Region, the condition restricted Indaver in its ability to offer a full and flexible service to North East waste collectors.</p> <p>Other new conditions in PL 17.219721 include:</p> <ul style="list-style-type: none"> <li>• A stipulation that the developer shall not connect to the public water mains in the area other than with the written agreement of the planning authority</li> <li>• A requirement to erect timber hoardings for screening prior to the construction of earth beams close to residential properties</li> <li>• A requirement to carry out a comprehensive bat survey prior to commencement of development.</li> <li>• The requirement to submit to the planning authority details of the materials, colours and textures of all external finishes on site structures, including site boundary demarcation structures prior to commencement</li> <li>• That no advertisement or advertisement structure can be displayed or erected within the curtilage of the site without the agreement of the planning authority</li> </ul> <p>The condition to divert the 110kV line that runs across the site and all references to the community recycling park and materials recovery facility have been omitted.</p>

## Attachment B.6: Site Notice

Appendix B8 includes a copy of the newspaper advertisement, site notice and notice to the local planning authority. The site notice location is indicated in Drawing 15013\WL\005 in Appendix D1.

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## Attachment B.7: Type of Activity

### B.7.1 Principal Activity

The principal class of activity under the Third Schedule of the Waste Management Acts 1996 to 2003 will be as follows:

#### *8: Incineration on Land or at Sea*

The proposed waste-to-energy plant will be based on conventional grate incineration technology and will be used to treat non-hazardous household, commercial and industrial solid waste and sludge. This technology is proven and reliable and has been used in many countries worldwide. In summary, the waste will be tipped into a bunker prior to being fed into a furnace. In the furnace the waste will be incinerated, producing heat, ash and combustion gases. The flue gases will then be cooled, scrubbed, and filtered prior to discharge via the stack. The flue gas treatment system has been designed to produce a solid waste, rather than an aqueous liquid, thereby eliminating any process effluent from the facility. The heat produced by the combustion of the waste will be used to generate steam, which will drive a steam turbine and generate electricity.

### B.7.2 Other Relevant Activities

The following other activities will take place at the site under the Third Schedule of the Waste Management Acts 1996 to 2003:

7. *Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule (including evaporation, drying and calcination)*

Should hazardous waste landfill capacity become available in Ireland, a solidification plant may be installed to pre-treat flue gas treatment residues prior to disposal to this outlet. Boiler ash may also be treated in this manner if it is classified as hazardous.

12. *Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.*

This activity will occur on site if, for example, hazardous items like cylinders or other non-conforming wastes are discovered in the reception area. For safety and security reasons, these items may have to be repackaged before being sent off site for disposal.

13. *Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.*

Residues will be temporarily stored on site before being transported off-site for disposal. If the reuse of bottom ash or other residues becomes possible, this activity will be covered under activity 13 of the fourth schedule, as outlined below. Non-conforming waste will also be temporarily stored onsite in the waste quarantine area before being removed from site for alternative disposal.

The other activities that will take place at the site under the Fourth Schedule of the Waste Management Acts 1996 to 2003 are as follows:

3. *Recycling or reclamation of metals and metal compounds.*

Ferrous metals will be recovered from the bottom ash and sent off site for recycling. As standards and markets develop, the facility may be retrofitted with systems for the reclamation of non-ferrous metals from bottom ash.

4. *Recycling or reclamation of other inorganic materials*

As standards and markets develop, the facility may be retrofitted with systems for recycling or reclaiming other inorganic materials from bottom ash.

8. *Oil re-refining or other re-uses of oil*

The auxiliary burners may be operated on a reusable oil product where emissions are no higher than those resulting from the burning of light fuel oil as defined in Article 1(1) of Council Directive 87/219/EEC (amending Directive 75/716/EEC)

9. *Use of any waste principally as a fuel or other means to generate energy*

Waste will be used as a fuel in the incineration plant to generate electricity. The plant will produce approximately 17.2MW of electricity, of which 14.7MW will be exported to the national grid.

13. *Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.*

Waste intended for energy recovery will be stored temporarily in the waste bunker. If pre-treated bottom ash residues are found to be suitable for use in road construction or other applications and there are outlets for this product, it will be temporarily stored on site for treatment and distribution

### **B.7.3 Activity Modifications**

The principle modifications to the type of activity approved in Waste Licence 167-1 are detailed in Table B.7.a below.

**Table B.7.a: Modifications to activity type**

<b>Activity</b>	<b>Difference</b>
Third Schedule (8): Incineration on Land or at Sea	Minor changes to the activity description to reflect changes in the flue gas treatment system and the higher electrical output from the plant.
Third Schedule (13): Storage	References to the recycling park and materials recycling facility have been omitted, as these will no longer be part of the development. References to gypsum have also been omitted, as the revised flue gas treatment system will not produce gypsum.
Fourth Schedule (2): Recycling or reclamation of organic substances	This activity has been omitted because a materials recycling facility will no longer be part of the development
Fourth Schedule (3): Recycling or reclamation of metals	References to a materials recycling facility have been omitted, as it will no longer be part of the development.



Fourth Schedule (4): Recycling or reclamation of other inorganic materials	References to a materials recycling facility have been omitted, as it will no longer be part of the development. Instead, consideration has been given to recovering bottom ash components for reuse in the future.
Fourth Schedule (6): Recovery of components used for pollution abatement	Omitted because the revised flue gas treatment system will not produce gypsum.
Fourth Schedule (9): Use of waste as a fuel to generate energy	Revised to reflect the higher electrical output from the plant.
Fourth Schedule (13): Storage	References to the materials recycling facility and recycling park have been omitted, as they will no longer be part of the development.

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## Attachment B.8: SEVESO II Directive

### B.8.1 SEVESO opinion and correspondence

Appendix B9 includes an update of Appendix 5.4 of the EIS, which addresses the classification of residues from the site and includes updated figures on consumables and residues stored onsite.

This update is intended to clarify issues raised in correspondence between Indaver Ireland and the Health and Safety Authority (HSA) in 2006. In particular, the HSA sought clarification on whether residues expected from the Meath facility should be classified as "N" Dangerous for the environment with Risk Phrase R51/53 "Toxic to aquatic organisms; may cause long term adverse in the aquatic environment". The submission from Indaver demonstrates that, based on experience, none of the residues will fall into this classification. It is expected that the residues will instead be classified Risk Phrase R52/3. Therefore, the facility remains a non-SEVESO site.

Correspondence between the HSA and Indaver Ireland is attached in Appendix B10.

### B.8.2 Permissions and Licences Modifications

The principle modifications to the facility's SEVESO classification approved in Waste Licence 167-1 are outlined in Table B.8.a below.

**Table B.8.a: Modifications to permissions and licences**

Aspect	Difference
B.8.1	Since the previous Waste Licence was issued, the European Communities (Control of Major Accident Hazards Involving Dangerous Substances) Regulations 2006 (S.I. No. 74 of 2006) were introduced. These stipulate a lower threshold for certain substances that determine whether a site is SEVESO or not. In light of this, and subsequent to correspondence with the HSA, the technical opinion on the classification of the proposed Meath facility was revised both in Appendix 5.4 of the EIS and Appendix B9.