

Director of Services – Planning Section
Kildare County Council
Aras Chill Dara
Devoy Park, Naas
County Kildare

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Johnstown Castle Estate
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21 December, 2016

W0295 - 01

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E: info@epa.ie
W: www.epa.ie

LoCall: 1890 33 55 99

Dear Sir/Madam,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

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15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
 - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (a) acknowledgement in accordance with Article 14(2)(a), or
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The application, EIS and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at www.epa.ie/licensing.

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the application.

In accordance with Article 22(1)(b) of the Waste Management (Licensing) Regulations, the Agency will write to you to inform you of its proposed decision on the application in due course.

If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises

E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

re: **Waste Licence Application** Reg No: W0295-01, made by Kildare Sand & Gravel Limited, Boherkill, Rathangan, County Kildare, in respect of a facility at Boherkill, Rathangan, County Kildare. The class or classes of activity concerned in the above referenced waste licence application as of 21 December 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

Third Schedule Class: 15/

Fourth Schedule Classes: 3, 4, 5, 10, 12, 13/

The applicant has specified the following as the principal activity: R.5

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Waste Disposal Activities
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
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<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u> Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
FOURTH SCHEDULE
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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 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, 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)

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhú Comhshaoil

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhú Comhshaoil

Mr. David Molloy
Environmental Health Officer
Health Service Executive (Dublin Mid Leinster)
2nd Floor, Oak House
Lime Tree Avenue, Millennium Park
Naas, County Kildare
Att. Mr David Molloy

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Application Reference/ Register No.: W0295-01

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Boherkill
Rathangan
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Secretary
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The applicant has specified the following as the principal activity: R.5

THIRD SCHEDULE	
Waste Disposal Activities	
<u>D.1</u>	Deposit into or on to land (e.g. landfill, etc.)
<u>D.2</u>	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
<u>D.3</u>	Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
<u>D.4</u>	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D.5</u>	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D.6</u>	Release into a water body except seas/oceans
<u>D.7</u>	Release to seas/oceans including sea-bed insertion
<u>D.8</u>	Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D.9</u>	Physico-chemical treatment not specified elsewhere in this Schedule 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, calcination, etc.)
<u>D.10</u>	Incineration on land
<u>D.11</u>	Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D.12</u>	Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D.13</u>	Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D.14</u>	Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D.15</u>	Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
FOURTH SCHEDULE	
Waste Recovery Activities	

R 1 Use principally as a fuel or other means to generate energy: 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 acts before 1 January 2009,

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

where -

'E_p' means annual energy produced as heat or electricity 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.

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), which includes gasification and pyrolysis using the components as chemicals

R 4 Recycling/reclamation of metals and metal compounds

R 5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials

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 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R 1 to R 11)

R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"



Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

Minister Micheal Creed
Department of Agriculture, Food and the Marine
Agriculture House,
Kildare
Dublin 2

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland
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LoCall: 1890 33 55 99

21 December, 2016

W0295 - 01

Dear Minister Creed,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
 - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
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In accordance with Article 22(1)(b) of the Waste Management (Licensing) Regulations, the Agency will write to you to inform you of its proposed decision on the application in due course.



If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address: Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned: Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

re: **Waste Licence Application** Reg No: W0295-01, made by Kildare Sand & Gravel Limited, Boherkill, Rathangan, County Kildare, in respect of a facility at Boherkill, Rathangan, County Kildare. The class or classes of activity concerned in the above referenced waste licence application as of 21 December 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

Third Schedule Class: 15/

Fourth Schedule Classes: 3, 4, 5, 10, 12, 13/

The applicant has specified the following as the principal activity: R.5

Waste Disposal Activities
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
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<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
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FOURTH SCHEDULE
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R 9 Oil re-refining or other reuses of oil

R 10 Land treatment resulting in benefit to agriculture or ecological improvement

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhú Comhsháil

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21 December, 2016

W0295 - 01

Dear Ms Byrne,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

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15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
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- (p) acknowledgement in accordance with Article 14(2)(a), or
 - (q) notice in accordance with Article 16(2)(a), or
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- whichever such date is the later.

The application, EIS and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at www.epa.ie/licensing.

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the application.

In accordance with Article 22(1)(b) of the Waste Management (Licensing) Regulations, the Agency will write to you to inform you of its proposed decision on the application in due course.



If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,



Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Gníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

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National grid reference of facility/ Premises

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Note: The class or classes of activity concerned in this application are detailed on the reverse.

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhú Comhshaoil

Mr. Mark Griffin
Secretary General
Dept of Communications, Climate Action and Environ
Elm House,
Earlsvale Road
Cavan, County Cavan
H12 A8H7.

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Johnstown Castle Estate
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21 December, 2016

W0295 - 01

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Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
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An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

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E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

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R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"



Environmental Protection Agency
An Ghníomhaireacht um Chaoimhniú Comhshaoil

Development Applications Unit
Department of Arts, Heritage Regional, Rural and Gaeltacht Affairs
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W: www.epa.ie

LoCall: 1890 33 55 99

21 December, 2016

W0295 - 01

Dear Sir/Madam,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
 - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (v) acknowledgement in accordance with Article 14(2)(a), or
 - (w) notice in accordance with Article 16(2)(a), or
 - (x) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

The application, EIS and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at www.epa.ie/licensing.

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the application.

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If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises

E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

re: Waste Licence Application Reg No: W0295-01, made by Kildare Sand & Gravel Limited, Boherkill, Rathangan, County Kildare, in respect of a facility at Boherkill, Rathangan, County Kildare. The class or classes of activity concerned in the above referenced waste licence application as of 21 December 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

Third Schedule Class: 15/

Fourth Schedule Classes: 3, 4, 5, 10, 12, 13/

The applicant has specified the following as the principal activity: R.5

THIRD SCHEDULE	
Waste Disposal Activities	
<u>D 1</u>	Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u>	Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
<u>D 3</u>	Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
<u>D 4</u>	Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D 5</u>	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u>	Release into a water body except seas/oceans
<u>D 7</u>	Release to seas/oceans including sea-bed insertion
<u>D 8</u>	Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D 9</u>	Physico-chemical treatment not specified elsewhere in this Schedule 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, calcination, etc.)
<u>D 10</u>	Incineration on land
<u>D 11</u>	Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u>	Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u>	Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u>	Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u>	Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
FOURTH SCHEDULE	
Waste Recovery Activities	

R 1 Use principally as a fuel or other means to generate energy: 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 acts before 1 January 2009,

- 0.65 for installations permitted after 31 December 2008,

using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:

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

where -

'E_p' means annual energy produced as heat or electricity 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.

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), which includes gasification and pyrolysis using the components as chemicals

R 4 Recycling/reclamation of metals and metal compounds

R 5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials

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 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, 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)

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

Mr. Paddy Mathews
Manager of Environment & Planning
Failte Ireland
Environment Unit
88-95 Amiens Street
Dublin 1
Attn: Mr. Paddy Matthews

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland
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21 December, 2016

W0295 - 01

Dear Mr. Mathews,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
 - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (y) acknowledgement in accordance with Article 14(2)(a), or
 - (z) notice in accordance with Article 16(2)(a), or
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The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the application.

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If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address: Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned: Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

re: Waste Licence Application Reg No: W0295-01, made by Kildare Sand & Gravel Limited, Boherkill, Rathangan, County Kildare, in respect of a facility at Boherkill, Rathangan, County Kildare. The class or classes of activity concerned in the above referenced waste licence application as of 21 December 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

Third Schedule Class: 15/

Fourth Schedule Classes: 3, 4, 5, 10, 12, 13/

The applicant has specified the following as the principal activity: R.5

Waste Disposal Activities
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
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<u>D 5</u> Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
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<u>D 8</u> Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
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<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
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Environmental Protection Agency
An Ghníomhaireacht um Cheomhnú Comhsháol

Health & Safety Authority

For the attention of Alice Doherty/Tara Horigan

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland
Y35 W821

Ceanncheathrú, Bosca Poist 3000
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21 December, 2016

W0295 - 01

Dear Sir/Madam,

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Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises

E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

Dr. Greg Forde
River Basin District Director
Inland Fisheries Ireland
3044 Lake Drive
City West Business Campus
Dublin 24
Attn: Dr Greg Forde

Headquarters, PO Box 3000
Johnstown Castle Estate
County Wexford, Ireland
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21 December, 2016

W0295 - 01

Dear Dr. Forde,

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Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Gníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises

E269079 N216731

Note: The class or classes of activity concerned in this application are detailed on the reverse.

re: **Waste Licence Application** Reg No: W0295-01, made by Kildare Sand & Gravel Limited, Boherkill, Rathangan, County Kildare, in respect of a facility at Boherkill, Rathangan, County Kildare. The class or classes of activity concerned in the above referenced waste licence application as of 21 December 2016, in accordance with the Third and Fourth Schedules to the Waste Management Act 1996 as amended, are as follows (see the description of these activities below):

Third Schedule Class: 15/

Fourth Schedule Classes: 3, 4, 5, 10, 12, 13/

The applicant has specified the following as the principal activity: R.5

Waste Disposal Activities
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
<u>D 2</u> Land treatment (e.g. biodegradation of liquid or sludgy discards in soils, etc.)
<u>D 3</u> Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories, etc.)
<u>D 4</u> Surface impoundment (e.g. placement of liquid or sludgy discards into pits, ponds or lagoons, etc.)
<u>D 5</u> Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u> Release into a water body except seas/oceans
<u>D 7</u> Release to seas/oceans including sea-bed insertion
<u>D 8</u> Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D 9</u> Physico-chemical treatment not specified elsewhere in this Schedule 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, calcination, etc.)
<u>D 10</u> Incineration on land
<u>D 11</u> Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u> Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u> Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u> Repackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u> Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
FOURTH SCHEDULE
Waste Recovery Activities

R 1 Use principally as a fuel or other means to generate energy: 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 acts before 1 January 2009,

- 0.65 for installations permitted after 31 December 2008,

using the following formula, applied in accordance with the reference document on Best Available Techniques for Waste Incineration:

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

where -

'E_p' means annual energy produced as heat or electricity 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.

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), which includes gasification and pyrolysis using the components as chemicals

R 4 Recycling/reclamation of metals and metal compounds

R 5 Recycling/reclamation of other inorganic materials, which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials

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 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, 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)

R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"



Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

Mr Paddy Browne
Head of Crops, Environment & Land Use
Teagasc
Johnstown Castle Research Centre
Johnstown Castle Estate
County Wexford
Attention: Mr Paddy Browne

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W: www.epa.ie

LoCall: 1890 33 55 99

21 December, 2016

W0295 - 01

Dear Mr Browne,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 16 December, 2016, of documentation relating to a waste licence application from Kildare Sand & Gravel Limited in relation to a facility located at Kildare Sand & Gravel Limited Boherkill, Rathangan, County Kildare. This application has been assigned register number W0295 - 01. Further details in relation to the application are supplied on the accompanying attachment.

In accordance with Article 18(3) of the above Regulations, a copy of the Environmental Impact Statement (EIS) submitted with this application also accompanies.

I am to advise you that any person may make a submission to the Agency, in writing, in respect of the application, pursuant to Article 15 of the Regulations, which provides as follows:

Extract from the Waste Management (Licensing) Regulations

Submissions to the Agency regarding applications.

15. For the purpose of Section 40(2)(b) of the Acts, a person may make a written submission to the Agency in relation to -
- (i) an application, and
 - (ii) such plans, documents and other information and particulars, including an environmental impact statement, as are submitted by the applicant in accordance with Articles 12, 13, 14 and 16,
- and the Agency shall not give notice of a proposed decision under Section 42(2) of the Acts before the expiry of a period of one month following the date of a relevant -
- (hh) acknowledgement in accordance with Article 14(2)(a), or
 - (ii) notice in accordance with Article 16(2)(a), or
 - (jj) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

The application, EIS and associated correspondence, including the acknowledgements and notifications referred to in Article 15, are available to view on the Agency Website at www.epa.ie/licensing.

The Agency will have regard to any submission made in accordance with the Regulations and will write, in due course, to each person who makes such a submission, to advise them of the Agency's proposed decision on the application.

In accordance with Article 22(1)(b) of the Waste Management (Licensing) Regulations, the Agency will write to you to inform you of its proposed decision on the application in due course.



If you have no comments to make in relation to this application, there is no requirement for you to reply to this letter.

Yours sincerely,

Dorota Richards

Dorota Richards
Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

Details of Waste Licence Application, in accordance with Article 18(2) of the Waste Management (Licensing) Regulations, as of 21 December 2016.

Application Reference/ Register No.: W0295-01

Applicant Name/ Address:

Kildare Sand & Gravel Limited
Boherkill
Rathangan
County Kildare

Name & Location of Facility/ Premises concerned:

Kildare Sand & Gravel Limited,
Boherkill, Rathangan, County Kildare.

National grid reference of facility/ Premises

E269079 N216731

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The applicant has specified the following as the principal activity: R.5

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<u>D 5</u>	Specially engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment, etc.)
<u>D 6</u>	Release into a water body except seas/oceans
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<u>D 8</u>	Biological treatment not specified elsewhere in this Schedule which results in final compounds or mixtures which are discarded by means of any of the operations numbered D 1 to D 12
<u>D 9</u>	Physico-chemical treatment not specified elsewhere in this Schedule 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, calcination, etc.)
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<u>D 11</u>	Incineration at sea (this operation is prohibited by EU legislation and international conventions)
<u>D 12</u>	Permanent storage (e.g. emplacement of containers in a mine, etc.)
<u>D 13</u>	Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is not other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12)
<u>D 14</u>	Répackaging prior to submission to any of the operations numbered D 1 to D 13
<u>D 15</u>	Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).
Waste Recovery Activities	

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R 13 Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced)"