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LoCall: 1890 33 55 99

13 June, 2016

W0291 - 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 8 June, 2016, of documentation relating to a waste licence application from Forge Hill Recycling Limited in relation to a facility located at Forge Hill Recycling Ltd Forge Hill, Ballycurreen, Cork. This application has been assigned register number W0291 - 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 -
- (a) acknowledgement in accordance with Article 14(2)(a), or
 - (b) notice in accordance with Article 16(2)(a), or
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- whichever such date is the later.

The application, (EIS if relevant) 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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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

re: Waste Licence Application Reg No: W0291-01, made by Forge Hill Recycling Limited, Forge Hill Waste Transfer Station, Forge Hill, Cork, in respect of a facility/ premises at Forge Hill, Ballycurreen, Cork. The class or classes of activity concerned in the above referenced waste licence application as of 13 June 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: 12, 13/

The applicant has specified the following as the principal activity: R.12/

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 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).

Waste Recovery Activities

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- 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 –

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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

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Dorota Richards

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Environmental Licensing Programme
Office of Environmental Sustainability



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Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
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Name & Location of Facility/ Premises concerned:

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National grid reference of facility/ Premises

E5668 N5688

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

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

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An Gníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

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Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

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Secretary
An Taisce - The National Trust for Ireland
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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
<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
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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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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.

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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)"

Minister Simon Coveney, TD
Department of Agriculture, Food and the Marine
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environmentalco-ordination@agriculture.gov.ie

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LoCall: 1890 33 55 99

13 June, 2016

W0291 - 01

Dear Minister Coveney, TD,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 June, 2016, of documentation relating to a waste licence application from Forge Hill Recycling Limited in relation to a facility located at Forge Hill Recycling Ltd Forge Hill, Ballycurreen, Cork. This application has been assigned register number W0291 - 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 -
- (a) acknowledgement in accordance with Article 14(2)(a), or
 - (b) notice in accordance with Article 16(2)(a), or
 - (c) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

The application, (EIS if relevant) 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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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

re: Waste Licence Application Reg No: W0291-01, made by Forge Hill Recycling Limited, Forge Hill Waste Transfer Station, Forge Hill, Cork, in respect of a facility/ premises at Forge Hill, Ballycurreen, Cork. The class or classes of activity concerned in the above referenced waste licence application as of 13 June 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: 12, 13/

The applicant has specified the following as the principal activity: R.12/

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<i>Waste Disposal Activities</i>
<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.)
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<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).

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 -

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

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'Ei' means annual energy imported excluding Ew and Ef(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

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

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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

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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)"

Mr. Mark Griffin
Secretary General
Dept of Communications, Energy & Natural Resources.
29-31 Adelaide Road
Dublin 2
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13 June, 2016

W0291 - 01

Dear Mr. Griffin,

In accordance with Article 18(1) of the Waste Management (Licensing) Regulations, I am to inform you of the receipt on 8 June, 2016, of documentation relating to a waste licence application from Forge Hill Recycling Limited in relation to a facility located at Forge Hill Recycling Ltd Forge Hill, Ballycurreen, Cork. This application has been assigned register number W0291 - 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 -
- (a) acknowledgement in accordance with Article 14(2)(a), or
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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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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

re: Waste Licence Application Reg No: W0291-01, made by Forge Hill Recycling Limited, Forge Hill Waste Transfer Station, Forge Hill, Cork, in respect of a facility/ premises at Forge Hill, Ballycurreen, Cork. The class or classes of activity concerned in the above referenced waste licence application as of 13 June 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: 12, 13/

The applicant has specified the following as the principal activity: R.12/

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Waste Disposal Activities
<u>D 1</u> Deposit into or on to land (e.g. landfill, etc.)
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FOURTH SCHEDULE

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Dept of Environment, Community & Local Government
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13 June, 2016

W0291 - 01

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Yours sincerely,

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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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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Environmental Protection Agency
An Ghníomhaireacht um Chaomhnú Comhshaoil

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13 June, 2016

W0291 - 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 8 June, 2016, of documentation relating to a waste licence application from Forge Hill Recycling Limited in relation to a facility located at Forge Hill Recycling Ltd Forge Hill, Ballycurreen, Cork. This application has been assigned register number W0291 - 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,
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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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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

re: Waste Licence Application Reg No: W0291-01, made by Forge Hill Recycling Limited, Forge Hill Waste Transfer Station, Forge Hill, Cork, in respect of a facility/ premises at Forge Hill, Ballycurreen, Cork. The class or classes of activity concerned in the above referenced waste licence application as of 13 June 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: 12, 13/

The applicant has specified the following as the principal activity: R.12/

Waste Disposal Activities
D 1 Deposit into or on to land (e.g. 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.)
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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 Schedule 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 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.)
D 10 Incineration on land
D 11 Incineration at sea (this operation is prohibited by EU legislation and international conventions)
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 (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)
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 (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).

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Waste Recovery Activities

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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

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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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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)"

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

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

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13 June, 2016

W0291 - 01

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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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
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National grid reference of facility/ Premises

E5668 N5688

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

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<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
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Health & Safety Authority
chemicals@hsa.ie
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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Programme Officer
Environmental Licensing Programme
Office of Environmental Sustainability



An Ghníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

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Application Reference/ Register No.: W0291-01

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Forge Hill Waste Transfer Station
Forge Hill
Cork

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National grid reference of facility/ Premises

E5668 N5688

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

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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
Y35 W821

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An Gníomhaireacht um Chaomhnú Comhshaoil

Waste Management Licensing

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Cork

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National grid reference of facility/ Premises

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D 11 Incineration at sea (this operation is prohibited by EU legislation and international conventions)
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D 13 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)
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 (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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County Wexford, Ireland
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W: www.epa.ie

LoCall: 1890 33 55 99

13 June, 2016

W0291 - 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 8 June, 2016, of documentation relating to a waste licence application from Forge Hill Recycling Limited in relation to a facility located at Forge Hill Recycling Ltd Forge Hill, Ballycurreen, Cork. This application has been assigned register number W0291 - 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 -
- (a) acknowledgement in accordance with Article 14(2)(a), or
 - (b) notice in accordance with Article 16(2)(a), or
 - (c) acknowledgement in accordance with Article 16(4),
- whichever such date is the later.

The application, (EIS if relevant) 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 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 13 June 2016.

Application Reference/ Register No.: W0291-01

Applicant Name/ Address:

Forge Hill Recycling Limited
Forge Hill Waste Transfer Station
Forge Hill
Cork

Name & Location of Facility/ Premises concerned:

Forge Hill Recycling Ltd, Forge Hill,
Ballycurreen, Cork.

National grid reference of facility/ Premises

E5668 N5688

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

re: Waste Licence Application Reg No: W0291-01, made by Forge Hill Recycling Limited, Forge Hill Waste Transfer Station, Forge Hill, Cork, in respect of a facility/ premises at Forge Hill, Ballycurreen, Cork. The class or classes of activity concerned in the above referenced waste licence application as of 13 June 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: 12, 13/

The applicant has specified the following as the principal activity: R.12/

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).

Waste Recovery Activities

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