



MAY 2020

Clearaway is looking to build an Energy Recovery Facility (ERF) next to our existing recycling facility on the Burnt Mills Industrial Estate, Archers Fields in Basildon.

The ERF will help to tackle two problems facing society – how to sustainably manage the waste we produce and how to create secure, low carbon sources of energy.

We want to get your views on the plans as we pull together a planning application which we expect to submit to Essex County Council in the Summer.

Inside this newsletter you will find more information on our plans and a questionnaire where you can tell us what you think.

About Clearaway Recycling

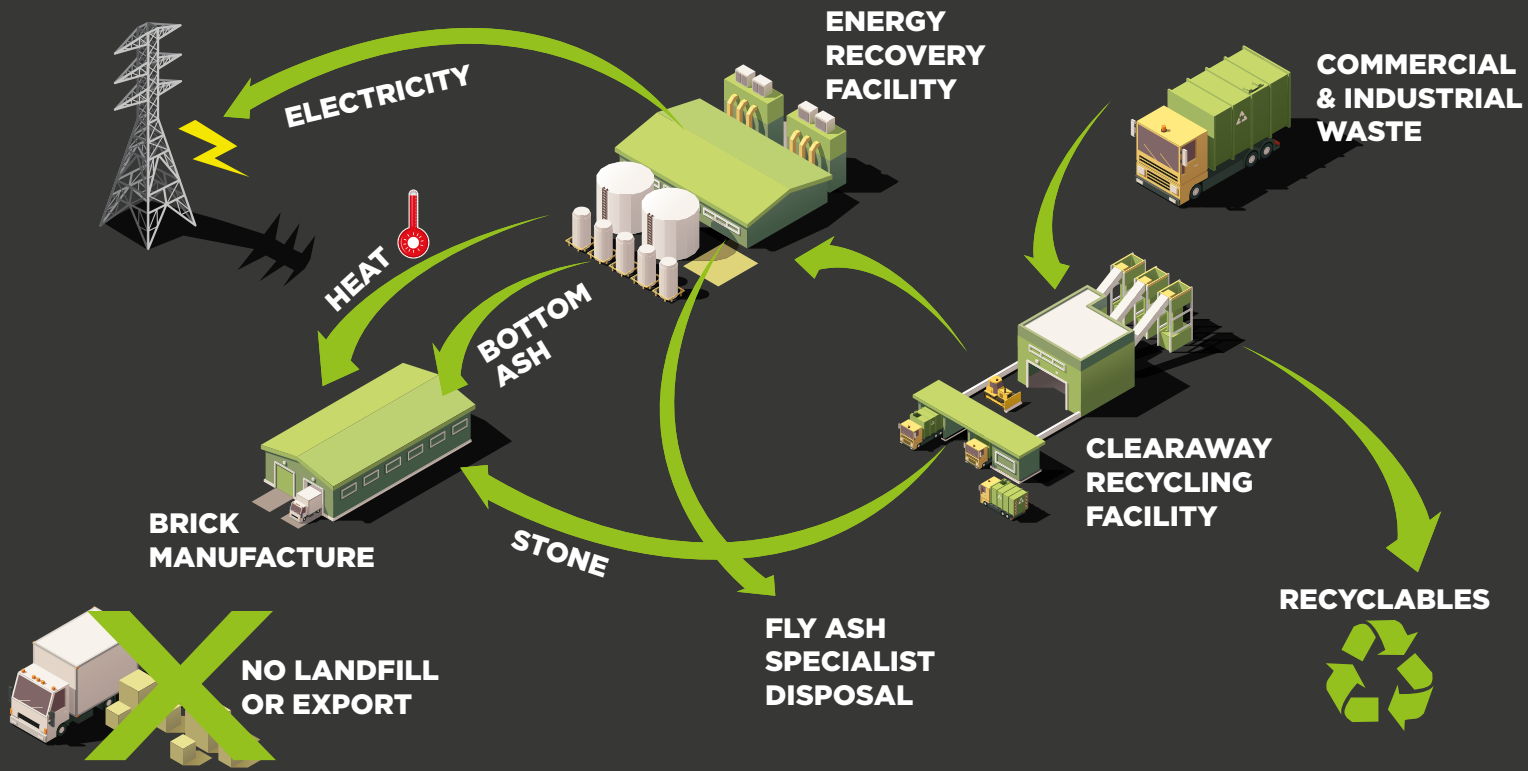
Clearaway Recycling is a family run business which has been based in Basildon for over ten years.

We collect waste from private households and businesses in the local area (via our sister collection companies Wasteway and Clearaway skips) and bring it to our recycling facility on the Burnt Mills Industrial Estate where we treat around 250,000 tonnes every year.

We currently employ over 100 people at Clearaway and Wasteway, including apprentices, and the plans to expand our business will create an estimated further ten jobs plus additional jobs during construction.



WWW.ARCHERSFIELDS-ERF.CO.UK



WHAT ARE WE PLANNING?

Non-hazardous waste from businesses in the local area already comes into the industrial estate to be recycled at our existing Clearaway facility. However not all of the material can be recycled so currently we are having to send some waste to landfill. Sending waste to landfill is bad for the environment so we started looking at other options for dealing with what's left after recycling.

The next best thing after recycling is recovery, which includes using the waste as a fuel to generate energy. So, we are looking to build an ERF which will generate up to 11MW of electricity every year - enough to power up to 20,000 homes.

The only thing left over at the end is ash and we can use most of this (the bottom ash) to make bricks which can be used in the construction industry. The bricks will be made on site and heat from the ERF (which would otherwise be wasted) will be used to dry the bricks. We are also looking at including solar panels on the buildings and electric vehicle charging points.

THE WASTE HIERARCHY

The waste hierarchy ranks waste management options according to what is best for the environment. It gives top priority to preventing waste in the first place. When waste is created, we should look at re-using it first, then recycling, then recovery, and last of all disposal in landfill.



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THE SITE

We are proposing to build the ERF in an industrial area next to our recycling facility on the Burnt Mills Industrial Estate, Archers Fields in Basildon. The brownfield site is currently being used by our collection company as a transport yard.

The ERF is being designed to take the waste that already comes to the Clearaway recycling facility, which means there will be no additional deliveries. It will process waste left over after recycling, significantly reducing the amount of waste which is currently transported on local roads to North Essex for disposal in landfill.



LOCAL BENEFITS



Divert up to 150,000 tonnes of waste from landfill every year

Generate up to 11 MW of low carbon electricity - enough to power up to 20,000 homes



Using leftover heat in the manufacture of bricks

Using bottom ash to produce bricks with a lower carbon footprint than concrete



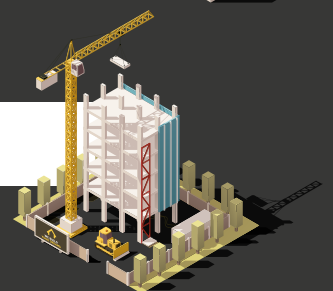
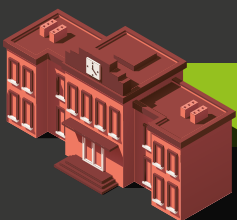
Saving carbon from a reduction in vehicle movements currently transporting waste to landfill and generation of low carbon energy

Expected investment of at least £50 million in the local area



Additional income for the Council through business rates every year

We hope to create ten full time permanent jobs and additional jobs created during construction



HOW CAN I HAVE MY SAY?

We want to get your feedback as we prepare a planning application and there are a number of ways you can get involved:

- ☞ Fill in the questionnaire attached to this newsletter and pop it in the post (it's free!)
- ☞ Take a look at our website www.archersfields-erf.co.uk to fill in the questionnaire or ask a question
- ☞ Get in touch using the contact details on the bottom of the newsletter

The consultation closes on 12th June 2020 so please send us your comments before then. Following the consultation, we plan to submit a planning application to Essex County Council in the Summer and expect a decision before the end of the year. If we are successful, the ERF would take up to two years to build.

YOUR QUESTIONS ANSWERED

If you can't find the answer to your question here visit our website where we've lots more.

Will there be an impact on local roads?

One of the main benefits of the site is that the waste is already coming into Clearaway so there will be no additional deliveries.

How safe is energy recovery?

The ERF will use proven technology and the process is closely regulated by the Environment Agency. Before it can operate the ERF will need an Environmental Permit and it will have to meet very strict emissions limits. Emissions data is monitored continually with safety controls designed to shut the plant down if it exceeds allowed levels.

Will it smell?

We will not be taking 'black bag' waste. The waste already comes to the site and we have not had any issues with odour in the past. All waste is normally processed within 24 hours and there will be odour control systems in place.

Will it detract from recycling?

We remove recyclable materials from the waste when it arrives at the Clearaway site. The ERF will take waste where the only other realistic option is landfill, using it to generate electricity and heat. We also recycle the bottom ash by using it in the production of construction bricks.

Call 0800 689 1095 Email info@archersfields-erf.co.uk

Website archersfields-erf.co.uk

Post (no stamp required) Freepost HAVE YOUR SAY

HAVE YOUR SAY

Please complete this questionnaire, tear off the slip, fold in half, moisten and glue together. Then just pop it in the post – no need to add a stamp!

Need more space? You can write to us using the contact details on the back of the newsletter or fill the questionnaire in online.

All consultation responses must be submitted by **12th June 2020**.

Q1. Do you agree that we should be looking at alternatives to landfill for the waste left after recycling?

Yes No Don't know

Please provide any comments here

Q2. What is your view on using waste that would otherwise end up in landfill to create low carbon energy?

Q3. Which of the following aspects of the proposal are you most interested in? (Tick up to three)

- | | |
|---|--|
| <input type="checkbox"/> Transport and access | <input type="checkbox"/> Generating low carbon energy |
| <input type="checkbox"/> Environment | <input type="checkbox"/> How the development looks |
| <input type="checkbox"/> Jobs and investment | <input type="checkbox"/> Diverting waste from landfill |

Please expand on your choices here

Q4. Please use this space to make any general comments

ABOUT YOU

Name

Address

Email

Phone

Age: Under 20 20 – 35 36 – 50 51 – 65 Over 65

This information is optional but will help us to analyse the information you have provided more effectively and enable us to keep you updated on the project in the future.

Would you like to be kept updated about the project?

If so, please state how:

Yes / No

Email Post

Providing your contact details allows Font Communications Ltd, on behalf of Clearaway, to assess the reach of the consultation and log responses. Should you select to be kept informed, your email address and telephone number will allow Font to keep you updated on plans for Clearaway only. Copies of the feedback received may be made available, in due course, to Essex County Council. We will, however, request that your personal details are not placed on the public record. Your personal details will be held securely by Font Communications Ltd and Clearaway in accordance with the GDPR act 2018 and will not be passed to any additional third parties.



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