

What happens next?

February 2009

BCB Environmental will respond to all comments and questions received. These will be registered and detailed in the Public Engagement Report, which will form part of the planning application. We will continue to respond to all feedback after the planning application has been submitted.

BCB Environmental will submit a full planning application to North Yorkshire County Council in Spring 2009. North Yorkshire County Council will carefully consider the application. If planning permission is granted we expect the new facility to be up and running by early 2011.

Your views

We want to hear your views on the proposed new Energy from Waste facility at Marston Business Park, Tockwith.

Phone us*

Call our community information line on **0161 832 1038**

Email us*

Send us an email at: enquiries@bcbenvironmental.co.uk

In writing*

Please fill out one of our comment forms available at the end of the day. Alternatively you may post your comments to the address below. All comments received by 13 March 2009 will be included in our Public Engagement Report.

BCB Environmental
 c/o PPS Group
 66-67 Barton Arcade Chambers
 Deansgate
 Manchester
 M3 2BJ



*These contact details will put you in touch with PPS Group who are managing the public engagement programme on behalf of BCB Environmental Management Ltd.

Waste Management Proposals for Marston Business Park

Learn more about BCB Environmental Management's revised proposal for an Energy from Waste (EfW) facility at Marston Business Park, Tockwith.



A New Approach to Managing Waste

The Site

We must change the way we manage our waste. The amount of waste being generated by households, businesses and industry is increasing year by year. It is unsustainable and costly for us to continue to depend on landfill.

Unless new targets to reduce landfill are met, Local Authorities could face fines or charges of millions of pounds in the future, which could lead to a rise in Council Tax. In order to reduce the amount of waste that is sent to landfill sites, new waste facilities must be built.

BCB Environmental is proposing to develop a new Energy from Waste facility which will:

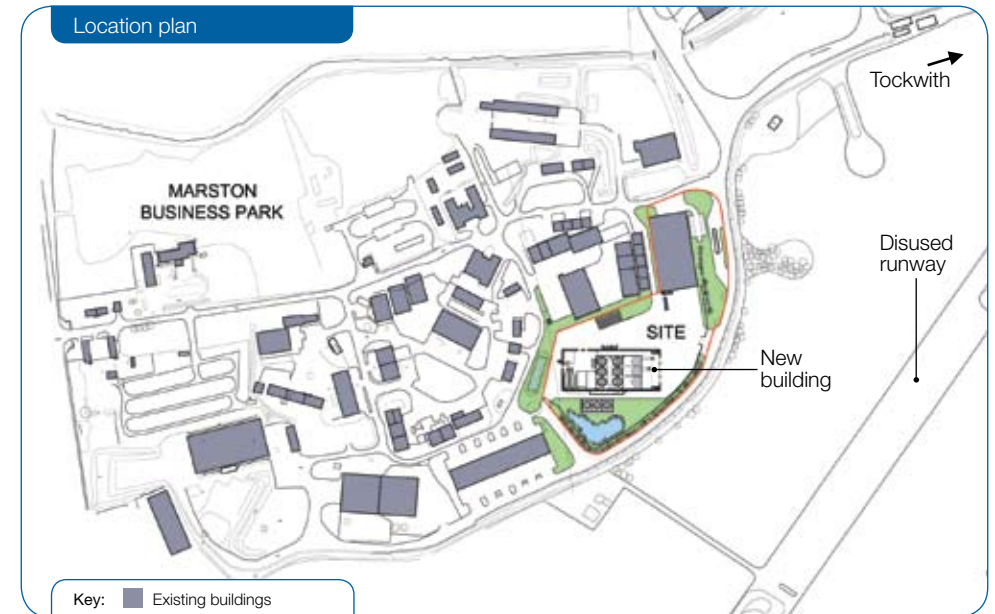
- **Divert up to 40,000 tonnes of waste from landfill per year**
- **Generate enough electricity to power 10,000 homes**
- **Represent an investment of £23 million in Tockwith**
- **Create 20 jobs when operational and 50 construction jobs.**

Who is BCB Environmental Management Ltd?

BCB Environmental is one of the leading independent industrial waste management companies in the UK. We provide waste treatment, recycling and disposal services for a wide range

of local authorities and private commercial customers.

We have a long and proud history when it comes to protecting the environment.



The new facility will be located on BCB Environmental's existing site at Marston Business Park, Tockwith. The existing derelict World War Two hanger on the site will be demolished and replaced with a new, modern building.

Marston Business Park is home to around 47 industrial and commercial businesses, including four other waste management businesses.

BCB Environmental has been operating an existing Waste Transfer Station at the Business Park for over ten years. This existing facility sorts and separates up to 20,000 tonnes of hazardous waste (including paints, oils and inks) per year, which is then sent for onward disposal to landfill sites and other facilities. The new facility will enable this waste to be dealt with on-site and not transported further.

Changes to Our Proposals

BCB Environmental submitted an initial application for the site in 2007. Following feedback from local residents and key stakeholders and an internal review of the proposed technology, the application was withdrawn in October 2008.

Since then, we have been working on a revised application which includes the following improvements shown below.

Revised application

- The plant will harness the latest Advanced Thermal Treatment (ATT) gasification technology to recover energy from up to 60,000 tonnes of waste per year
- This also eliminates the amount of borehole water required on-site and removes the need to transport contaminated water off-site
- The facility has been designed to include the capability to provide district heating
- Following local concerns regarding the visual impact of the facility, BCB Environmental is now proposing to develop a new, modern building to house the facility. This will be realigned so that it has less of an impact for nearby residents
- Landscaping has been increased and improved to further protect local people's visual amenity.

Advanced Thermal Treatment (ATT)

The plant will use the latest ATT technology to process:

- On average 30,000 - 40,000 tonnes per year of residual waste from homes and businesses
- 20,000 tonnes per year of hazardous waste from the existing adjacent waste transfer station.

The proposed plant will use a gasification process to treat the waste. Gasification works by heating the waste so that it oxidises. This oxidation produces a gas known as syngas (or synthetic gas). The syngas is then burned in a separate chamber to heat water, turning it into superheated steam which drives a turbine. The turbine in turn drives a generator which produces electricity.

The advantages of ATT

The process does not require any special preparation of the waste (which is required by some technologies) and it enables leftover glass and metals to be removed for recycling. Because the plant operates at a relatively low temperature, with

less oxygen input than conventional incineration, it does not produce the same level of emissions. Any emissions from the process are cleaned before they reach the air. This process easily exceeds strict regulatory limits.

Protecting People and the Environment

The planning application will include detailed information on a range of technical assessments, including:

Noise

The assessment will detail the research we have undertaken on noise. It will outline the measures that will be put in place to protect our neighbours and meet strict limits on noise levels at the site boundary.

Visual Impact

We have been working hard to protect local people's amenity, giving careful consideration to the design and positioning of the building. Improved landscape design will further reduce the visual impact of the new facility.

Air Quality

The application will show how air quality in the local area will be protected. The facility will adhere to strict emissions limits which will be monitored by the Environment Agency.

Ecology

The Environmental Assessment will highlight measures that BCB Environmental will take to protect sites of ecology and nature conservation in the surrounding area

Traffic

Deliveries to the site will only take place during the day. Our studies show that these movements are well within the local road infrastructure capacity. The expected number of vehicles visiting the facility is less than would be generated by the existing permitted use for the site (a steel stockholders). The new facility also will enable waste from the existing Waste Transfer Station to be dealt with on-site and not transported further.

Sustainability

The facility will deal with waste in a sustainable way, by diverting it from landfill and recovering energy from it

Environmental Permit

Alongside planning permission, the facility will require an Environmental Permit to operate. As part of the Environmental Permit, the Environment Agency will monitor the facilities throughout their operational life. BCB Environmental are currently in detailed discussions with the Environment Agency and a permit application is expected to be submitted by Summer 2009.

View from Tockwith Village

