

Plans submitted for Whitecleave Recycling Centre

MVV Environment Devonport Ltd has submitted a planning application to Devon County Council for the development and operation of recycling facilities at Whitecleave Quarry, Buckfastleigh. This is a very detailed document and is also accompanied by a full Environmental Statement. Both sets of documents will shortly be publicly available on Devon County Council's and MVV's websites.

The new plant will consist of a Materials Recycling Facility (MRF) for inert construction and demolition (C&D) waste and a facility for the processing of Incinerator Bottom Ash (IBA). The MRF and IBA processing facility will be operated by Whitecleave Quarry Ltd, a sister company of Sam Gilpin Demolition Ltd.

Paul Carey, Managing Director of MVV Environment Devonport Ltd, said:

'We believe that our proposal for an IBA processing facility at Whitecleave Quarry is both practical and environmentally sustainable. This site has several key advantages, in that it is available and it is close to our proposed EfW plant with CHP at the Royal Naval Base, Devonport with good transport links. It will process the ash that is left over after the residual waste from South West Devon, including Buckfastleigh, has been burned, producing renewable energy, thus avoiding having to landfill this resource.'

Georgina Gilpin, Finance Manager of Sam Gilpin Demolition Ltd, added:

'We are pleased to be working with MVV on this scheme which complements our recycling activities. The proposed development will bring a "mothballed" quarry site, which still has planning permission for mineral extraction, back into beneficial use for the recycling of inert materials and creating new jobs.'

The MRF will be used to recover recyclable material from the inert C&D waste that Gilpin Demolition collects as part of its everyday demolition business. This will help Gilpin Demolition significantly reduce the amount of material that it sends to landfill, as well as recovering valuable resources.

The IBA facility will process ash from the Energy from Waste Combined Heat and Power (EfW CHP) facility that MVV is proposing to develop at Her Majesty's Naval Base Devonport. The EfW facility

is part of MVV's contract to manage residual municipal solid waste from Plymouth, Torbay, South Hams and Teignbridge, on behalf of the South West Devon Waste Partnership (SWDWP). A planning application for the EfW CHP facility was submitted to Plymouth City Council in May 2011.

The residue (IBA) from the EfW facility will be processed at the IBA processing facility which will enable a secondary aggregate to be produced that can be used in construction and road building and save opening new quarries in this sensitive environment as well as preventing IBA going to landfill.

Subject to receiving planning permission from DCC, construction of the MRF would commence in 2012. The IBA facility would be built after the MRF. It would start taking IBA in mid 2014, the year when MVV expects to start operating the EfW plant in Devonport, subject to receiving planning permission from Plymouth City Council.

Gilpin and MVV have also established a Local Liaison Committee (LLC) which held its first meeting on 5th July 2011. The LLC will meet regularly to discuss matters arising from the proposals for Whitecleave Quarry. It will meet not only throughout the planning stage, but – should the proposal be granted planning permission – also during the construction and entire operational period of the facility. The LLC consists of local residents and elected representatives, the EA as well as representatives from MVV and Gilpin Demolition.

Plymouth 11th August 2011

Facts and Figures:

- The Incinerator Bottom Ash (IBA) would be brought to Whitecleave Quarry by HGVs with approximately a 20-25 tonne net load, directly from the Devonport EfW site, using the A38 dual carriageway.
- IBA outputs from the Devonport EfW plant will be approximately 57,000 tonnes per annum (tpa). However, they could be up to a maximum of 65,000 tpa, depending on the composition of the waste treated.

- Gilpin Demolition estimates another 25,000 tpa of Construction & Demolition waste will be treated at the proposed recycling facility at Whitecleave Quarry.
- Together, these amounts of material would require an average of 43 two-way daily trips by HGVs when the site is fully operational. This is far less than the amount of traffic during the previous operations of Hanson Aggregates in 2001 with 75 vehicles a day.
- Traffic surveys were undertaken during February / March 2011 and these figures have been used to create a baseline. Traffic flows in the summer months will generally be higher and by using a lower base a robust picture of the impact of the proposed development will be generated.
- The traffic study indicates that the increase in HGVs resulting from the proposed development on the B3380 Plymouth Road between A38 interchange underbridge and Strode Road junction amounts to an average of 5 per hour during operational hours.
- Under the List of Wastes (England) Regulations 2005, incinerator bottom ash is classed as non-hazardous
- As BA is derived from waste so under European and UK regulations, and because it requires further treatment, it is categorised as a (non-hazardous) waste until it is put into the final application. Prior to being used, a permit application has to be submitted to the Environment Agency (EA), who will ensure it meets EA requirements.
- Using IBA as a secondary aggregate makes a positive contribution to lowering the carbon footprint of waste management, thus helping to mitigate climate change.
- There will be a number of job opportunities resulting from this project which will be of direct benefit to the local community and economy.

- ENDS -

Notes to editors:

MVV Environment Devonport Limited is an English registered company with its registered office in Plymouth. It is the subsidiary company of MVV Umwelt. Both companies are members of German utility company MVV Energie, whose headquarters are in Mannheim. MVV Umwelt provides flexible solutions for waste disposal, producing environmentally sustainable energy. In Germany, MVV Umwelt operates six Energy from Waste and biomass plants,

managing 1.6 million tonnes of waste a year. With over 45 years' experience, MVV Umwelt is in the top three companies in Germany in its field.

Sam Gilpin Demolition Ltd is a family-run Devon business which has been operating in the area for 25 years. The process of demolition requires as much as possible of the material recovered to be recycled and Whitecleave Quarry offers the space to enable this to be done more efficiently. Working with MVV to use the bottom ash as an aggregate resource complements Gilpin's work in diverting material which would otherwise go to landfill.

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PAGE

4 of 4

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