

Proposals for King George VI Reservoir and Hithermoor Quarry



Environmental Impact Assessment

A full Environmental Impact Assessment ('EIA') is being undertaken to establish the likely significant effects of developing the site. This will be reported within an Environmental Statement ('ES') which will be submitted with the planning application. The EIA is being undertaken by a team of independent environmental consultants.

The nature of the environmental assessments which comprise the EIA will be agreed with Surrey County Council through a formal process known as scoping. Based on experience and knowledge of the site it is anticipated that the key issues to be considered will be:

Air Quality	Consideration will be given to the potential for emissions of dust from the extraction, processing and restoration operations. The inherent damp nature of the sand and gravel, together with the washing process, help limit emissions.
Noise	Noise levels resulting from site preparation, extraction, processing, recycling and restoration operations will be modelled and assessed having regard to recognised standards and guidance. In considering noise effects, consideration will be given to existing background noise levels at the nearest noise sensitive receptors around the site.
Ecology	The EIA will examine the effects associated with clearance and stripping operations, together with any potential effects on features (such as sites designated for their ecological importance) located off site. The assessment is based on an ecological survey of the site to evaluate its current value. Allied to this consideration will be given to the value of habitats to be created.
Landscape and Visual	The assessment will examine the landscape character as a result of extracting minerals and installing plant and machinery within the site, and the ability of the surrounding landscape to accommodate this change. It will also examine the potential visibility of the development from sensitive locations, such as public areas, footpaths and residential areas. The assessment helps inform the working scheme and identifying the need for landscaping works to ameliorate any identified impacts. This is followed up by site visit to a representative selection of 'viewpoints'.
Historic Environment	Consideration will be given to the potential impact on the historic environment including listed buildings and archaeology.
Transport	The proposals will utilise existing accesses and examine existing HGV movements at the operational access which is onto Leylands Lane.
Water	Consideration will be given to whether the development will affect surface and ground waters in terms of quantity or quality, having regard to local abstractions. Consideration will also be given to the benefit of increasing the capacity of the reservoir.



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Brett Aggregates (Brett) is proposing to submit a planning application to Surrey County Council for the extraction of 3.2 million tonnes of high quality sand and gravel from the King George VI reservoir together with processing of the aggregate and continued recycling at the Hithermoor Quarry plant site.



The proposals include:-

- Extraction of the sand and gravel from the base of the reservoir using a dredger and barge.
- Transporting the material from the reservoir by way of a conveyor.
- Processing of the aggregate at the existing Hithermoor Quarry plant site.
- Continued recycling of construction, demolition and excavation waste at the existing Hithermoor Quarry plant site.
- Production of recycled construction materials using construction and demolition waste.
- Using the residual waste for the final restoration of the plant site to create an area of ecologically beneficial habitat and access for the public in accordance with the permitted restoration scheme.

