

As part of our new application, the environmental assessments from the previous proposal have been reviewed and updated as appropriate.

These cover the lifetime of the proposed quarry from initial site preparation, through the operational phases, to progressive restoration and eventual decommissioning of the plant. An outline of each of the key environmental considerations and the proposed measures to address the potential impacts is included on our website, however here is a brief summary:

Archaeology – surveys show few archaeological remains on the site but during soil removal we will pay close attention to identify anything of archaeological interest, ensuring it's collected, recorded and analysed.

Dust Control – studies conclude there will be no impact on air quality at the perimeter of the site but to go the extra mile a number of additional measures will also be taken to control dust.

Ecology - detailed ecological data has been gathered and identified species will be sensitively relocated in accordance with strict Natural England guidelines before development can begin. See also section on Restoration.

Landscape – no significant landscape or visual effects are predicted as a result of the proposed development, influenced in part by the measures in our mitigation and landscape strategy.

Noise Control – assessment shows noise levels from operational activities will be below the limits derived in accordance with the relevant guidance, and a number of additional measures are proposed to control noise.

Transport – the proposed quarry will create around 164 lorry movements per day on the A1057, an average increase in traffic of approximately 1.3%, which is within the daily fluctuations in traffic levels seen on the road.

Water – detailed independent analysis of local hydrology and hydrogeology confirms that the quarry will not adversely affect water and will not impact the bromate plume to the north east. An extensive water management plan has been agreed with the Environment Agency and Affinity Water.

Full details of the environmental assessments and mitigations will be in our new planning application which we propose to submit in the summer of 2021.

Brett Aggregates is making a revised proposal for a quarry at the former Hatfield Aerodrome site, including phased restoration to create a country park with public access and enhanced biodiversity.

The redevelopment and regeneration of Hatfield will require a local source of sand and gravel. The potential for the former Hatfield Aerodrome to play its part in meeting that need has long been recognised and the site has been identified in Hertfordshire Minerals Local Plan since 2007.



In making a fresh proposal we have taken on board comments received about our previous application. In particular we have made the following changes:

- **Increased stand-off in the 'Lower Mineral Horizon' to 100m from the closest edge of the bromate plume**
- **No de-watering (pumping water out) from the 'Lower Mineral Horizon'**
- **Moved access road to allow for more screening and sound mitigation**
- **No proposal for a concrete batching plant**

We propose to submit our new planning application in the summer of 2021. This leaflet summarises our proposal, however please visit our website for more information and to contact us with your comments and questions.

026 EARA presentation APP/M1900/W/21/3278097

Hatfield Aerodrome

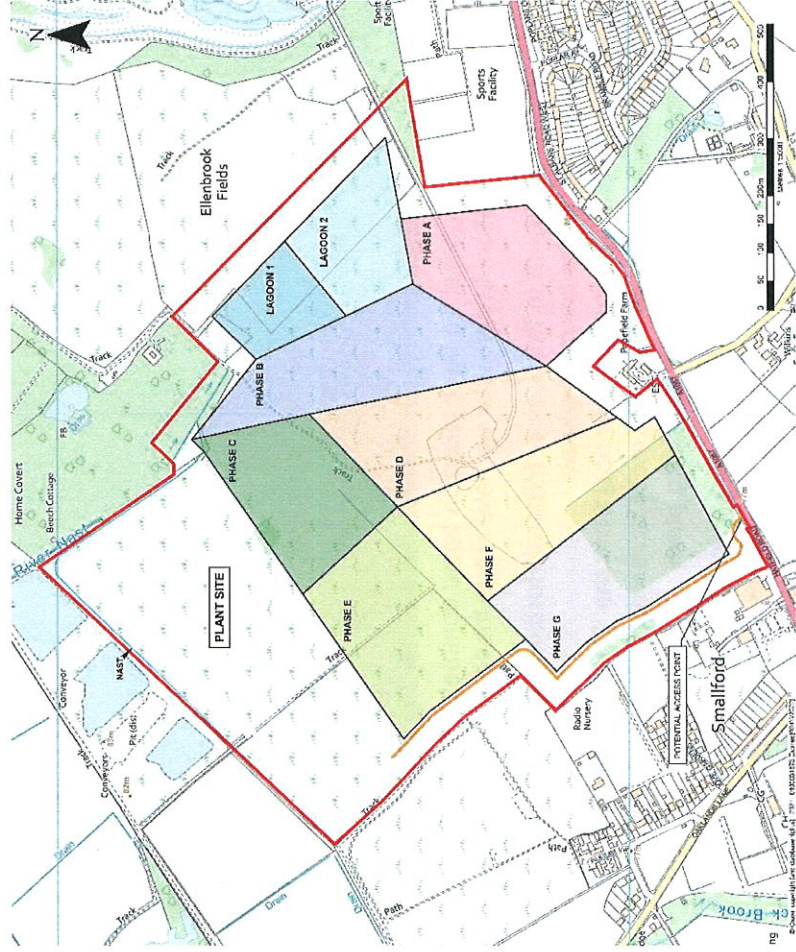
Phased Quarrying of Local Minerals



The proposed application site of around 87 hectares is located north-west of Hatfield on land that was part of the former Hatfield Aerodrome.

Beneath the soil layers are sand and gravel deposits in two separate 'horizons' – the Upper Mineral Horizon (UMH) which lies predominantly above the water table, and the Lower Mineral Horizon (LMH) beneath the water table. The two mineral horizons are separated by a seam of impermeable boulder clay.

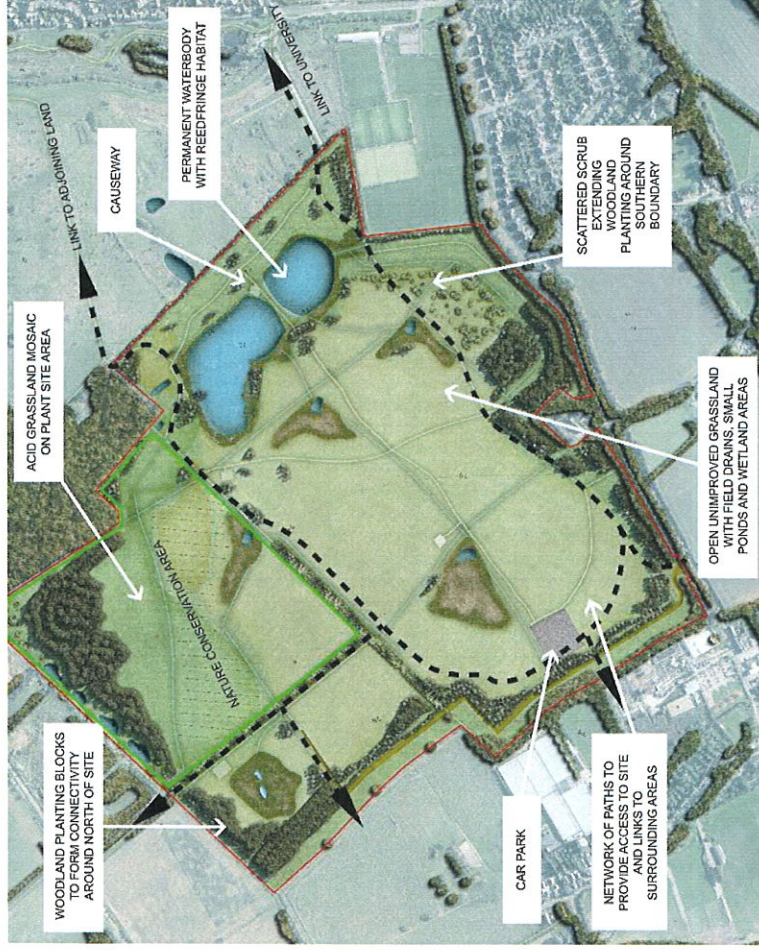
The development will involve quarrying around 8 million tonnes of sand and gravel at a rate of approximately 250,000 tonnes per year, which is typical for a quarry of this kind. The materials will be extracted in phases of around 5 years each, with much of the land remaining accessible for public use throughout.



A description of the quarrying process is provided on our website.

Hatfield Aerodrome

Phased Restoration Scheme



The restoration scheme at Hatfield Aerodrome is designed to create a country park with public access and enhanced nature conservation.

The outline scheme proposes a field pattern similar to that which would have existed prior to the aerodrome being built, with a landscape in keeping with its surroundings. The aim will be to create a diverse landscape of grassland habitats with the ground carefully engineered to control surface water and groundwater flow. The scheme will deliver a 'biodiversity net gain' whilst not only reinstating but enhancing the green space for local people.

The landcover will consist of gently sloping conservation grassland, divided by hedgerows and with some complimentary wetland and pond features, as illustrated. The proposed waterbodies include both shallow scrapes, ponds and a deeper lagoon at the north-eastern end of the application site.