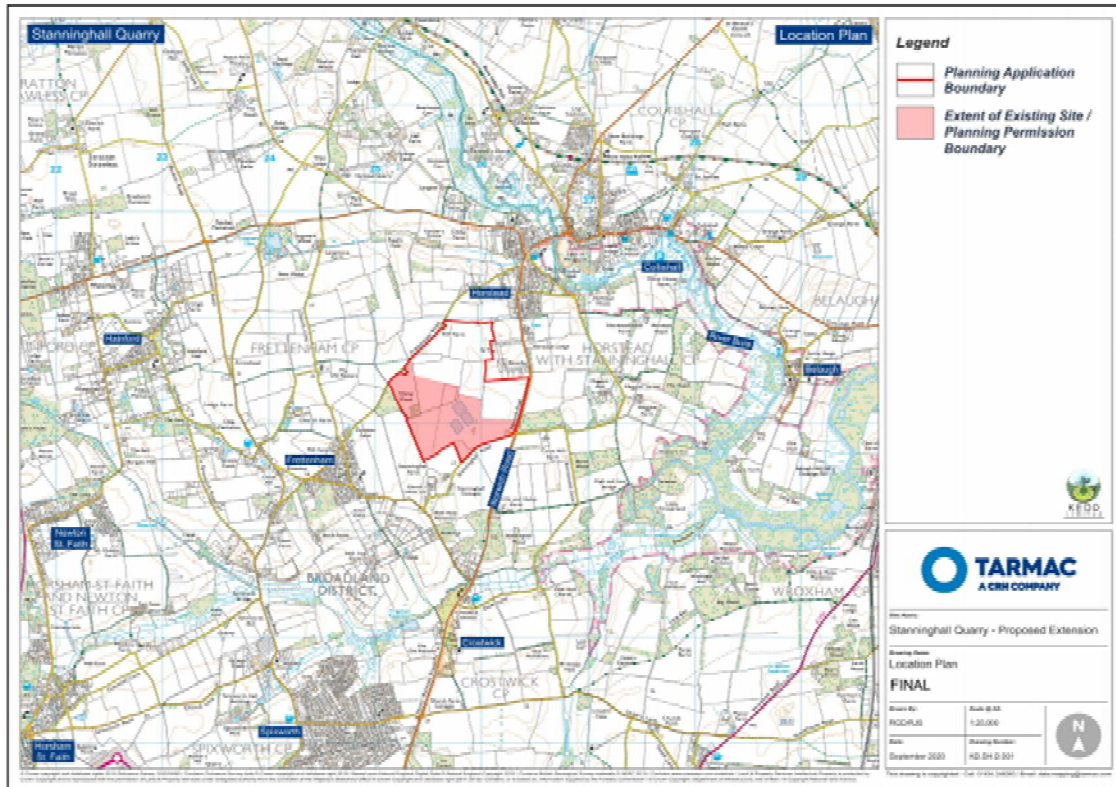


Welcome



Site location map of Stanninghall Quarry. Please note that the shaded area represents the existing planning permission boundary, whilst the red line represents the new proposed planning application boundary.

Welcome to our virtual public exhibition.

This event has been organised by Tarmac to share our proposals for a northern extension to Stanninghall Quarry.

We had hoped to host a face-to-face exhibition, but given the Covid-19 restrictions we are hosting it online. This still allows you to view the proposals, ask questions of the team and provide feedback - replicating as much as we can the setting of a traditional event.

Please read the information on these exhibition boards and provide us with your feedback by completing our online form which you can access on our website.

While you may leave feedback at any time until Sunday 4 October 2020, we will be responding to questions live on Tuesday 29 September and Wednesday 30 September, between 6pm and 7pm.

You can sign up by clicking on the speech bubble above the "Live Q&A Registration" image. Alternatively, you can sign up by selecting the Live Q&A Registration tab at the top of the screen, or clicking the link [HERE](#).

It is important to us that our information is accessible to all and we recognise that not everyone can view our information and comment online. Hard copies of this information and paper feedback forms are available at:

- The Recruiting Sergeant, Norwich Road, Horstead, NR12 7EE
- Coltishall Pharmacy, 30 High Steet, Coltishall, NR12 7AA

Information can be sent to your home address upon request. More information on this can be found on the final exhibition board.

About Tarmac



Tarmac is the UK's leading sustainable building materials and construction solutions business. The company has over 150 years of experience in providing vital resources that enhance our everyday lives - from water purification to energy generation - and which also support the delivery of major infrastructure projects across the UK.

It is a major UK employer, with around 7,000 people working across a nationwide network of over 400 sites. As a large landholder and custodian of natural resources, Tarmac is committed to managing the balance between industry, the natural environment, and local communities. For us, it is not just about quarrying, but about responsible stewardship: preserving the landscape and enhancing wildlife; boosting the local economy; and providing opportunities for education.

About Stanninghall Quarry



View of Stanninghall Quarry

Stanninghall Quarry is a sand and gravel quarry near Norwich in the Broadlands District of Norfolk, to the south of Horstead and east of Frettenham.

The quarry was originally granted planning permission in 2006. Whilst market conditions did not allow us to operate the quarry when permission was originally granted, we have been extracting sand and gravel since 2015. We are now at a point where reserves are running low and we need to submit a new planning application to ensure continuity of supply.

Norfolk's Minerals and Waste Local Plan

Norfolk County Council are in the process of preparing an updated Minerals and Waste Local Plan, and the 'Preferred Options' for future sand and gravel supply has identified a northern extension to Stanninghall Quarry as one of the proposed allocations for future sand and gravel extraction.

The Minerals and Waste Local Plan is expected to be adopted by the Council in the next 18 months. The Stanninghall allocation is the largest in the draft Plan – over a fifth of the county's projected mineral supply for sand and gravel – and reflects the significance of Stanninghall Quarry in meeting future demand for building supplies in the county.

Given the economic importance attached to the site by Norfolk County Council, and the need to continue to supply local and regional markets with sand and gravel products, Tarmac intends to submit a planning application for a northern extension to the quarry. The proposed application area is consistent with the allocated area proposed in the draft Minerals and Waste Local Plan.

This exhibition provides a summary of the draft proposals we are consulting on and summarises the findings of the Environmental Impact Assessment (EIA), which will be submitted as part of the application.

What is being proposed?



View of the processing plant at Stanninghall Quarry

Tarmac is seeking permission to extract sand and gravel from a 53-hectare extension area to the north of the existing quarry, extending its lifespan until approximately 2037. The planning application will also be supported by a concept restoration scheme, which illustrates the proposals for the site's use after mineral extraction.

The key elements of the extension scheme are:

- A 53-hectare northern extension to Stanninghall Quarry;
- A phased working and restoration scheme which covers both the existing site and extension area;
- Progressive restoration on a phase by phase basis, with the direct placement of soils on worked out previous phases;
- The use of the existing processing plant and site access as part of the extension development;
- The establishment of stand-off margins and temporary screen bunds to protect properties on the periphery of the site; and

- A comprehensive restoration strategy for the overall site area, which will propose restoration to an agricultural landscape with extensive woodland areas and species-rich grassland around the perimeter of the restored site.

While the application will increase the overall size of the quarry and extend its working life, there will be no material increase to current levels of extraction and in turn no material changes to the overall number of vehicle movements, or operational hours (07:00 - 18:00 Mondays to Fridays and 07:00 - 13:00 on Saturdays).

The method of extraction, progressive restoration and processing will also remain the same.

There are no Public Rights of Way across the proposed extension area or across the existing site. Any operations will not impact any footpaths in the vicinity of the quarry.

About sand and gravel extraction



The processing plant at Stanninghall Quarry

Producing sand and gravel for the construction industry from a typical sand and gravel quarry, such as Stanninghall Quarry, consists of four main steps:

Site preparation

A part of the quarry is prepared for extraction by first removing the soils and overburdens that overlay the sand and gravels. At Stanninghall, these are typically 1 to 2 metres thick and they are carefully handled and stored for use in the restoration of the previous extraction phases.

Extraction

The sand and gravel is then extracted by an excavator and loaded into a dumptruck to be taken to the processing plant, located to the south of the Stanninghall site. No blasting is necessary. The depth of the extraction at Stanninghall varies but is typically 4m in depth. Operational controls are in place to ensure any noise from reversing vehicles is kept to a minimum, and noise dampeners have been installed on vehicles to mitigate this further.

Processing

The sand and gravel is then passed through the processing plant to be washed, to remove any silt or clay particles, screened to separate the sands and the different size gravel particles and, in the case of the oversized gravel, crushed to produce a finer blend. Water is stored in lagoons to wash the sand and gravel. The silts and clays that are washed out are then circulated within silt lagoons to ensure the water can be recycled through the process.

Transport

The different products are then stockpiled ready for dispatch. A shovel is used to load the HGVs taking the products to market. HGVs pass over a weighbridge and through a wheel wash to ensure any mud picked up whilst in the quarry is removed prior to the HGV going on to the public highway.