



CEMEX UK Operations Ltd

NEW QUARRY AT HAMBLE-LE-RICE

PRESENTATION TO PARISH COUNCILS

February 2022

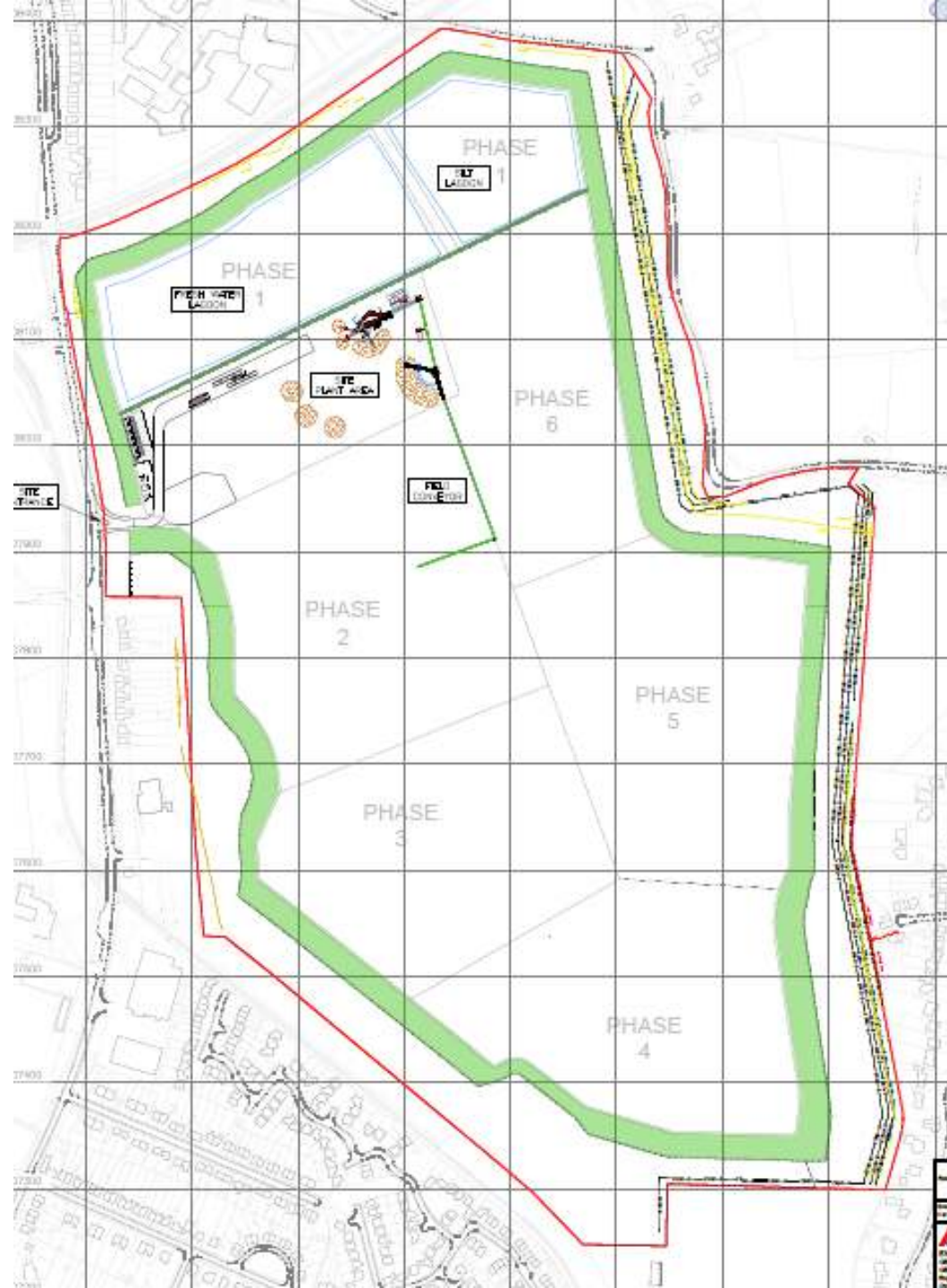
NEW QUARRY AT HAMBLE

AGENDA

- Introductions and Welcome
- Overview of plans
- Traffic
- Buffer zones / Noise / Air Quality
- Hydrology / Surface Water
- Biodiversity
- Persimmon / S106
- Railway Options
- CEMEX locally and sustainability
- Next steps
- Q&A



HAMBLE – Proposed Plan



HAMBLE – Plant Site Plan



TRAFFIC ISSUES

- CEMEX are aware that there are existing congestion issues on Hamble Lane
- CEMEX are willing to contribute a proportionate amount to assist with securing the funding for the proposed Hamble Lane improvements
- One new access will be created from Hamble Lane, with no vehicular access onto Satchell Lane
- All HGVs from the site will exit and enter to/from the north
- Traffic surveys have been undertaken as well as pre-application advice with County Highways to determine the best position for the access in relation to safety and trees

TRIP GENERATION

- 45 HGVs entering and leaving the site per day exporting sand and gravel from the site
- From years 3 – 7, there will be additional infill movements of around 27 vehicles per day coming to the site and leaving
- Total HGV movements – Years 1 & 2 and Years 8 – 11 – 90 movements
- Total HGV movements Years 3 – 7 – 144 movements
- The peak hours along Hamble Lane are 0800-0900 hours and 1800-1900 hours (determined by traffic surveys)
- Would be adding 11 HGVs to the road in the morning peak or 17 in years 3 – 7, to the total existing flow of 1,342 vehicles
- No additional vehicles in the evening peak

BUFFER ZONES AND NOISE

- Operations with potential to generate noise – processing and HGV movements which will be restricted to the plant site area
- Extraction operations, closer to properties, involve generally one vehicle similar in size to a tractor and the sand would be fed into a hopper and back along the conveyor to the plant site
- Processing plant is over 130m from residential properties
- Nearest extraction is 40m approximately from residential properties
- Noise surveys have been undertaken by independent noise consultants to calculate the background noise and generated

NOISE ASSESSMENT

- Six locations were selected for assessment by the noise consultants all around the site which were representative of the nearest properties
- The noise of all the possible machinery operating at the same time was used to give a worst case scenario
- National guidance on noise suggests that generated noise should be no more than 10dB (A) above background noise (other than temporary operations)
- The noise assessment concluded that with the soil bunds in place of the required heights (between 3m and 5m high) the noise experienced at the nearest receptors would be well below the additional 10dB (A) limit above background noise
- Bunds will be put in before the start of extraction operations using the soil from the lagoon areas

Noise Assessment Locations



AIR QUALITY IMPACTS

- Environmental Impact Assessment has looked at the impact of dust from the quarry, and of pollutants from additional road traffic
- Part of Hamble Lane is a designated AQMA however the Council's monitoring shows no recent exceedance of the NO₂ objective and the additional traffic would result in a negligible impact, well within the recommended level
- 10 sensitive receptors chosen for assessment of NO₂, PM₁₀ and PM_{2.5} levels within 100-200m of the extraction area
- Took into account wind frequency and direction as well as the nature of the activities and the sensitivity of the receptor

DUST IMPACTS

- Dust effects for all the receptors were assessed as negligible
- Dust mitigation on site will include a wheelwash, bunds along the site boundaries, retention of most existing vegetation, location of processing area and stockpiles over 100m from any sensitive receptor (e.g. residential property), water suppression used as necessary
- We are using conveyors rather than dumpers (except for Phase 1)
- Sand and gravel processing is done wet. We have very few dust complaints across our portfolio and a good record of managing dust

HYDROLOGY AND SURFACE WATER

- The site is in Flood Zone 1 and not at risk of surface water, groundwater or reservoir flooding according to the Environment Agency's data
- At the start of the process, two large waterbodies will be created towards the north of the site, which are the silt lagoon and fresh water lagoon, and this along with the quarry void will provide large capacity for storm and surface water during the operation of the site
- The proposal does not include dewatering other than a small amount of water removal at the quarry face where necessary, and no water would be discharged off-site
- When the site is restored, drainage will be via newly formed drainage features which are shallow ponds within the site and infiltration trenches around the site boundaries

BIODIVERSITY

- A significant number of surveys for protected species have been undertaken including badgers, bats, breeding birds, wintering birds, dormice, invertebrates and reptiles
- The site was found to be of regional value for slow worms and common lizard and a detailed mitigation scheme is proposed which essentially requires CEMEX to retain habitat for them to move to as the site is worked, and create enhanced receptor areas within the site
- Impacts on nearby designated sites was also assessed and a Habitats Regulations Assessment undertaken which concluded that the proposal would not have an adverse effect on the integrity any of the statutory designated sites and the proposal is very unlikely to have effects on the non-statutory sites



BIODIVERSITY AND RESTORATION

- The site will be restored to grazing land with an area for public access to the north-east corner
- A public footpath will be installed at the start of the development



BIODIVERSITY - RESTORATION

- The restored site will include:
 - Over 20,000 trees and shrubs planted on site
 - 2.8ha of new woodland created
 - 1km (linear) of hedgerow created
 - Over 10% gain in habitats and 130% in hedgerow
 - Enhanced habitat for badger, breeding birds, wintering birds, hedgehog, invertebrates and common reptiles
 - Parkland area for public access
- Restoration will be progressive as the site is worked
- Restoration is likely to be secured through a S106 agreement
- We are incorporating biodiversity net gain principles, although this is not yet required by legislation

PERSIMMON HOMES

- Persimmon are the site owners
- Persimmon have promoted the site for housing through the Eastleigh Local Plan process but the site is not currently allocated for housing
- CEMEX's application does not include any housing and restoration will be completed as shown on the submitted scheme, which has been agreed with Persimmon
- If an application was forthcoming by Persimmon for housing at a later stage, the effect of this on the restored site and any aftercare programme would have to be considered by the Local Planning Authority at that stage
- CEMEX's relationship with Persimmon relates to the minerals only and we have no agreement with them to pursue a residential after-use

USE OF THE RAILWAY

- There is no railway siding at this site
- The construction of a railway siding would be likely to cause significant disruption to the immediate neighbours including Hamble School and likely noise impacts that would not be within acceptable limits with no space for bunds as mitigation
- The construction of the siding would result in a large number of construction vehicles having to come by road to the site
- A suitable rail pathway would have to be found with Network Rail, and often the only windows available are at night time
- This would result in significant noise from night time loading of sand and gravel into railway trucks

USE OF THE RAILWAY

- Use of the railway would also require a suitable receptor area at the other end and consideration of noise and amenity impacts at that end
- It would not reduce the number of vehicles overall, as once the material was unloaded it would have to be transported by road, so would move the vehicles to another area only, when the material is needed in this area
- Given the constraints of railway use, CEMEX only has one site nationally which uses rail and this site has over 100 million tonnes of reserves, compared to Hamble's 1.7 million, and is far more remote from residential properties
- The cost of installation of the siding would render the project unviable as a whole



CEMEX'S CONTRIBUTION LOCALLY

- CEMEX's aggregates have recently supplied local projects including:
 - University of Southampton expansion
 - Freegrounds Junior School
 - Bitterne Park school rebuild
 - Eastleigh Football Club
 - Eastleigh College
 - Southampton General Hospital extension
 - Housing and commercial sites in Whiteley and Boorley Green



CEMEX AND SUSTAINABILITY

- It is important to reduce the number of miles mineral travels on the road (“mineral miles”) to reduce carbon footprints
- Local production and supply minimises the carbon footprint of the supply chain
- CEMEX aims to lead in sustainable construction and it is embedded in day to day operations
- CEMEX vehicles are on average under 5 years old and are constantly being replaced to ensure the operation of modern, clean and fuel efficient vehicles
- CEMEX is working with the Science Based Targets initiative to reduce their emissions in line with climate science, to achieve a 40% reduction in CO₂ emissions by 2030, which is the most ambitious target for the industry



ECONOMIC AND COMMUNITY BENEFITS

- The quarry would result in around seven full time jobs
- Jobs would be sourced from the local area
- Further opportunities for indirect employment including contract drivers, contractors for site set up, maintenance and repairs, contractors associated with site restoration
- CEMEX has previously attended schools to speak about quarrying, restoration and biodiversity and CEMEX's STEM ambassadors have promoted STEM in local schools

ECONOMIC AND COMMUNITY BENEFITS

- CEMEX FOUNDATION helps to support community and environmental projects in areas close to our operations
- Examples of previous projects we have been involved in include:
 - Donating food to food bank projects
 - Donation to a hospice in Warwickshire to cover 50 specialist nurse visits and 4 end of life care packages
 - Donations of sanitiser and face masks
 - Sponsored community events such as festivals, park runs and awards
 - Buying Christmas trees for the local church
 - Providing Christmas meals for the homeless
 - Supporting planting of flowers in local villages
 - Providing schools with water bottles and stationery

COMMUNICATION WITH THE PUBLIC

- If planning permission is granted, it is very likely that a Site Liaison Group would be set up, as a requirement of the permission
- The group can meet as often as required, often on a quarterly basis or as needed and any issues can be dealt with
- If there are any urgent issues then the site manager is best placed to deal with these and we can give his contact details to parishes to be able to get in touch easily
- CEMEX sits on several site liaison groups and there is a page on Hampshire County Council's website to tell you more about them – we can put the link in the chat

NEXT STEPS

- The application has been validated and consultation has recently started
- CEMEX will work to address issues raised by consultees which may result in minor revisions to the scheme
- CEMEX will work with the County Highways authority to discuss Hamble Lane improvements and contributions
- We can use the BECG CEMEX website to keep people updated
- Can contact cemexuk@becg.com with any specific enquiries best addressed by CEMEX