

**THE TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS
2017 SCREENING MATRIX**

1. CASE DETAILS			
Case Reference	2023/62/91949/E0	Brief description of the project / development	Extension to existing quarry to extract mineral (clay) and subsequent restoration of site with the importation of inert waste.
Applicant	Naylor Industries PLC		
LPA	Kirklees Council		
2. EIA DETAILS			
Is the project Schedule 1 development according to Schedule 1 of the EIA Regulations?	No		
If YES, which description of development (THEN GO TO Q4)	N/A		
Is the project Schedule 2 development under the EIA Regulations?	Yes		
If YES, under which description of development in Column 1 and Column 2?	<p>Column 1 2 Extractive industry (a) Quarries, open cast mining and peat extraction (unless included in Schedule 1)</p> <p>Column 2 All development except the construction of buildings or other ancillary structures where the new floorspace does not exceed 1,000 square metres.</p>		
Is the development within, partly within, or near a 'sensitive area' as defined by Regulation 2 of the EIA Regulations?	The site does not fall within or near a sensitive area		
If YES, which area?	N/A		
Are the applicable thresholds/criteria in Column 2 exceeded/met?	N/A		
If yes, which applicable threshold/criteria?	N/A		
3. LPA/SOS SCREENING			
Has the LPA or SoS issued a Screening Opinion (SO) or Screening Direction (SD)?	No		
If yes, is a copy of the SO/SD on the file?	N/A		
If yes, is the SO/SD positive?	N/A		
4. ENVIRONMENTAL STATEMENT			
Has the applicant supplied an ES for the current or previous (if reserved matters or conditions) application?	No		

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons) Briefly explain reasons and, if applicable and/or known, include name of feature(s) and proximity to site(s)		C Is a Significant Effect Likely? (Yes/No and explanation of reasons (nb if the answer in Column B is 'No', Column C is not applicable)) Is a significant effect likely, having regard particularly to the magnitude and spatial extent (including population size affected), nature, intensity and complexity, probability, expected onset, duration, frequency and reversibility of the impact and the possibility to effectively reduce the impact? If the finding of no significant effect is reliant on specific features or measures of the project envisaged to avoid, or prevent what might otherwise have been, significant adverse effects on the environment these should be identified in bold .
5. NATURAL RESOURCES			
5.1 Will construction, operation or decommissioning of the project involve actions which will cause physical changes in the topography of the area?	Yes	The application relates to quarrying operations for the extraction of mineral (clay with some incidental mineral, amounting to approximately 200,000 tonnes over an area of 2.4 hectares) and subsequent restoration by means of importing inert waste over a period of 19 years. This would result in noticeable (albeit temporary) changes to the topography of the area during the carrying out of the development. Nonetheless, as part of the decommissioning of the project and on completion of restoration works, the site would be returned near to its original land levels, to ensure the topography of the area is not permanently affected.	No Although this proposal would result in the loss of agricultural land, this would be temporary and only represents a small percentage of that found in the borough. Impacts would be for a limited period and suitable restoration of the site would result in it being returned to an agricultural use.
5.2 Will construction or operation of the project use natural resources above or below ground such as land, soil, water, materials/minerals or energy which are non-renewable or in short supply?	Yes	The carrying out of the project will impact on the land and soil within the site, and current agricultural activity would temporarily cease. Topsoil would be stored on site and reused in later site restoration. Water and materials are likely to be used in the carrying out of the operations. These natural resources are finite and/or may be from non-renewable sources.	No Restoration of the site would involve the use of waste (overburden) produced from the site and inert waste to be imported to the site. This is preferable to such material being disposed of elsewhere where it would not serve a useful purpose. A significant amount of energy (including energy from non-renewable sources) would be required in transporting material to,

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		Non-renewable sources of minerals would be extracted from the site, but not used as part of the operation.		from and within the site and then subsequently creating the required landform using heavy plant and equipment. This energy use (for this development alone) would not result in significant effects. Furthermore, it is possible that any effects would be reduced over time as and/or more sustainable means of moving material are adopted.
5.3 Are there any areas on/around the location which contain important, high quality or scarce resources which could be affected by the project, e.g. forestry, agriculture, water/coastal, fisheries, minerals?	Yes	An important resource (clay) exists at the site. There are no other known areas on/around the location which contain important, high quality or scarce resources which could be affected by the project.	No	The site contains a significant reserve of mineral which is used in the manufacture of clay pipes to use in the building and civil engineering industries. Whilst this development would have an impact on natural resources, this mineral can only be worked where it naturally occurs and cannot be easily substituted with recycled materials or alternatives that have less environmental impact. Taking into account the relative impacts of those alternatives, the proposals would not result in a significant effect.
6. WASTE				
6.1 Will the project produce solid wastes during construction or operation or decommissioning?	Yes	Extractive operations could produce significant quantities of quarry waste known as overburden and in this case incidental mineral, which is not suitable for sale. The proposals will also include the importation of inert waste for subsequent restoration proposals.	No	Any overburden and incidental mineral not suitable for sale would be used in site restoration and would not be exported from the site. This is considered to be the most appropriate and sustainable use of such material, and would assist in limiting effects.
7. POLLUTION AND NUISANCES				
7.1 Will the project release pollutants or any hazardous, toxic or noxious substances to air?	Yes	Due to the nature of operations at the site there is the likelihood that dust will be generated during dry conditions.	No	The matter of dust can generally be controlled by planning conditions, through the requirement to provide acceptable dust suppression measures. It is considered that this proposal would not significantly add to the levels of dust generation. Significant releases of

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				hazardous, toxic or noxious substances would not occur.
<p>7.2 Will the project cause noise and vibration or release of light, heat, energy or electromagnetic radiation?</p>	Yes	The project is highly likely to produce noise and vibration in carrying out the proposals, through the use of noisy industrial machinery.	No	The extraction of mineral would involve the use heavy machinery including mechanical excavators and dump trucks. Noise would therefore be generated by the vehicles themselves and during extractive operations and when heavy vehicles are loaded and unloaded. However, the site is relatively remote and following initial development work such operations would primarily take place below ground level. There are very few residential properties in close vicinity to the application site. Whilst it is accepted that noise from the quarry could be heard at the nearest noise sensitive properties, it is likely that a combination of the mitigating affects created by the quarry void, the distance to noise sensitive properties, proposed bunds and local topography would be such that noise levels reaching residential properties in the area would be reduced significantly. Furthermore, any noise can be mitigated against with the imposition of appropriately worded conditions which limits noise level emissions at noise sensitive properties. Given these considerations, the proposals would not result in a significant effect.
<p>7.3 Will the project lead to risks of contamination of land or water from releases of pollutants onto the ground or into surface waters, groundwater, coastal waters or the sea?</p>	No	The submitted drainage strategy for the proposed development) and Risk Assessment and Conceptual Site Model, authored by MPG, dated 15/03/2024 (ref: 320/1—R1.1 – Risk Assessment_CSM) has been reviewed by relevant consultees. The Risk Assessment describes the site history, and the environmental setting. This information has been used to inform the conceptual site model	N/A	

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		and risk assessment undertaken by MPG. The report concludes that there are no source-pathway-receptor linkages in relation to the proposals. KC Environmental Health accept the findings of the report and are satisfied that in the event any unexpected contamination is encountered during the carrying out of the proposed works, this can be dealt with appropriately, through the imposition of a condition and footnote. Likewise, the Lead Local Flood Authority have raised no specific concerns in relation to the potential impact on any chartered watercourses.		
7.4 Are there any areas on or around the location which are already subject to pollution or environmental damage, e.g. where existing legal environmental standards are exceeded, which could be affected by the project?	No	There are no areas on or around the location which are already known to be subject to pollution or environmental damage which could be affected by the project.	N/A	
8. POPULATION AND HUMAN HEALTH				
8.1 Will there be any risk of major accidents (including those caused by climate change, in accordance with scientific knowledge) during construction, operation or decommissioning?	No	Any accidents associated with this proposal are likely to occur on site during the carrying out of works/operations. As the site is relatively remote and would be secured it is unlikely that members of the general public would be directly affected (in terms of increased risk of major accidents) by the proposal.	N/A	
8.2 Will the project present a risk to the population (having regard to population density) and their human health during construction, operation or decommissioning? (for example due to water contamination or air pollution)	No	It is not considered that the changes proposed will present a risk to the population (having regard to population density) and their human health during construction, operation or decommissioning.	N/A	

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9. WATER RESOURCES				
<p>9.1 Are there any water resources including surface waters, e.g. rivers, lakes/ponds, coastal or underground waters on or around the location which could be affected by the project, particularly in terms of their volume and flood risk?</p>	No	<p>Surface water runoff from the existing Peace Wood Quarry, north of the site, is served by a drainage ditch which conveys flows to a series of ponds including attenuation and sediment settlement ponds. Outfall from the ponds is made to Baildon Dike north of Peace Wood Quarry. The proposed drainage scheme will emulate the existing drainage system. A sediment pond is proposed to reduce the sediment load of the water discharged from the site to Baildon Dike and therefore reduce the risk of potential pollution by suspended solids. Flows from the quarry void will be pumped to an attenuation pond. In order to reduce the risk of flooding in the event of plant or power failure, the quarry void should be excavated to direct flood flows to a designated low point (sump). Provision of standby pumps, an automated pump exercise regime and a pump failure alarm system would limit the risk of pump failure causing effects. The drainage system will provide surface water runoff reduction and sediment control, both in the short term (i.e. during extraction works) and also the long term following completion of the restoration works.</p>	N/A	
10. BIODIVERSITY (SPECIES AND HABITATS)				
<p>10.1 Are there any protected areas which are designated or classified for their terrestrial, avian and marine ecological value, or any non-designated / non-classified areas which are important or sensitive for reasons of their terrestrial, avian and marine</p>	Yes	<p>The site falls within the Impact Risk Zones (IRZs) of the Dark Peak, Denby Grange Colliery Ponds and South Pennine Moors Sites of Special Scientific Interest (SSSIs).</p>	No	<p>The preliminary ecological appraisal (PEA) report accompanying the planning application (which covered a 1km search area due to the size of the site and connectivity to other habitats in the local area) concludes the site is considered a significant distance from these designated sites, as such the proposed works</p>

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<p>ecological value, located on or around the location and which could be affected by the project? (e.g. wetlands, watercourses or other water-bodies, the coastal zone, mountains, forests or woodlands, undesignated nature reserves or parks. (Where designated indicate level of designation (international, national, regional or local))).</p>			<p>will have no impact based on the presence of anthropogenic barriers and no direct connection to the habitats.</p>
<p>10.2 Could any protected, important or sensitive species of flora or fauna which use areas on or around the site, e.g. for breeding, nesting, foraging, resting, over-wintering, or migration, be affected by the project?</p>	<p>Yes</p>	<p>The site and its immediate surroundings are not covered by any statutory or non-statutory nature conservation designations. With regards to vegetation and habitats, the submitted PEA recognises that to the north of the quarry there is a presence of an area of broadleaved woodland, part of which is designated on Magic.gov.uk as Deciduous Woodland Priority Habitat. The woodland habitat is anticipated to be of high value for wildlife within the local area but would not be affected by the proposals. Furthermore, numerous areas of habitat associated with Kirklees Wildlife Habitat Network are located within 2km of the site boundary. None of the habitats within or adjacent to the site make up part of this habitat network. The PEA states the site provides negligible value for ground nesting birds, given the small field sizes and heavy management. Bats are known to be present in areas to the east of the site. It is reported in the PEA that there is no bat evidence and that the site provides low bat roosting potential. The PEA does, however, state that it is considered likely that European hedgehogs are present on the site, and that the woodland and scrub</p>	<p>No</p> <p>The PEA sets out a number of recommendations to be carried out which includes preparatory works to prevent any potential impact to hedgehogs (at paragraph 4.3.10). A condition requiring the recommendations of the PEA to be carried out will be imposed in the event planning permission is granted. Significant effects on sensitive species of flora or fauna which use areas on or around the site can be avoided subject to appropriate conditions.</p>

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		habitats would provide good value for this species.		
11. LANDSCAPE AND VISUAL				
11.1 Are there any areas or features on or around the location which are protected for their landscape and scenic value, and/or any non-designated / non-classified areas or features of high landscape or scenic value on or around the location which could be affected by the project? ¹ Where designated indicate level of designation (international, national, regional or local).	No	Other than the Green Belt, there are no areas or features on or around the location which are protected for their landscape and scenic value, and/or any non-designated / non-classified areas or features of high landscape or scenic value, that could be affected by the project.	N/A	
11.2 Is the project in a location where it is likely to be highly visible to many people? (If so, from where, what direction, and what distance?)	No	The number of properties directly affected would be relatively small and views into the site would be limited by local topography. The site is likely to be seen from certain points from the surrounding areas. However, views into the site will be limited due to the proposed bunds/mounds within the southern part of the site. It is considered that this proposal would not have a significant visual impact to warrant EIA.	N/A	
12. CULTURAL HERITAGE/ARCHAEOLOGY				
12.1 Are there any areas or features which are protected for their cultural heritage or archaeological value, or any non-designated / classified areas and/or features of cultural heritage or archaeological importance on or around the location which could be affected by the project (including potential impacts	No	There are no areas or features which are protected for their cultural heritage or archaeological value, or any non-designated / classified areas and/or features of cultural heritage or archaeological importance on or around the location which could be affected by the proposals.	N/A	

¹ See question 12.1 for consideration of impacts on heritage designations and receptors, including on views to, within and from designated areas.

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on setting, and views to, from and within)? Where designated indicate level of designation (international, national, regional or local).				
13. TRANSPORT AND ACCESS				
13.1 Are there any routes on or around the location which are used by the public for access to recreation or other facilities, which could be affected by the project?	No	Other than the existing highway network which will be used for the exportation and importation of material to and from the site, the proposals would not affect any other routes used by the public for access to recreation or other facilities.	N/A	
13.2 Are there any transport routes on or around the location which are susceptible to congestion or which cause environmental problems, which could be affected by the project?	No	As 13.1 above. Adverse impacts are not anticipated from the proposals.	N/A	
14. LAND USE				
14.1 Are there existing land uses or community facilities on or around the location which could be affected by the project? E.g. housing, densely populated areas, industry / commerce, farm/agricultural holdings, forestry, tourism, mining, quarrying, facilities relating to health, education, places of worship, leisure / sports / recreation.	No	The nearest residential properties lie southeast and southwest of the site, adjacent to the site access. The site is located north of Huddersfield Road, approximately 1.5km to the west of Skelmanthorpe village and 1.40km to east of Shelley village. The site borders an active operational quarry to the north (which is now in part restored) with the immediate wider area to the south being predominantly open and rural in character. The existing land uses are unlikely to be affected by the proposals as the application site will be adequately screened and separated from those uses.	N/A	
14.2 Are there any plans for future land uses on or around the location which could be affected by the project?	No	The site is an accepted minerals area of search allocation in the Local Plan. There are no plans for future land uses on or around the location which could be affected by the proposals.	N/A	

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15. LAND STABILITY AND CLIMATE				
15.1 Is the location susceptible to earthquakes, subsidence, landslides, erosion, or extreme /adverse climatic conditions, e.g. temperature inversions, fogs, severe winds, which could cause the project to present environmental problems?	No	The site and its surroundings are not known to be unstable or susceptible to subsidence.	N/A	
16. CUMULATIVE EFFECTS				
16.1 Could this project together with existing and/or approved development result in cumulation of impacts together during the construction/operation phase?	Yes	Peace Wood Quarry, which this application seeks extension to, lies immediately to the north of this site. This quarry is now in part, restored, with the remaining part to be restored by October 2034. There are a number of other operational quarries over 2km to the south, southeast and southwest of this site.	No	Cumulative impacts (resulting from the proposed quarry extension combined with the impacts of other operations including mineral extraction operations) are possible. However, as the proposals are of a temporary nature, and as restoration is expected to further progress in the existing quarry to the north, the area of disturbed land and the cumulative impact on the local environment would be reduced over time.
17. TRANSBOUNDARY EFFECTS				
17.1 Is the project likely to lead to transboundary effects? ²	No	The site is not close to any boundaries of other local authorities.	N/A	

² The Regulations require consideration of the transboundary nature of the impact. Due to England's geographical location the vast majority of TCPA cases are unlikely to result in transboundary impacts.

18. CONCLUSIONS – ACCORDING TO EIA REGULATIONS SCHEDULE 3

Mineral extraction and associated operations can potentially have significant environmental impacts. As a consequence, mineral extraction can result in noise, dust, vibration, heavy vehicle movements, changes to ground and surface water regimes, injury to visual amenity and damage to landscape character and local ecological systems. In addition, the subsequent beneficial use of the site can be prejudiced. It is therefore essential that in order to assess proposals for mineral extraction, sufficient information must be provided so that the likely impacts associated with the development and any proposed mitigation can be fully considered. The proposals are likely to result in noise, dust, use of HGVs and changes to the character and topography of the site during extractive operations. However, these can be mitigated against through the use of appropriate conditions which limit noise level emissions at noise sensitive properties, and measures to reduce dust and control the number of HGV trips made to and from the site. It is also acknowledged the site adjoins an operation quarry to the north, which has in part been restored and brought back into agricultural use.

The application site would utilise an existing access to the highway network which also serves the existing operational quarry to the north. The proposals would not increase HGV movements (this is to be conditioned) and the impacts upon the local road network and local amenity would be assessed with reference to planning submission documents. This assessment does not need to be carried out under EIA.

By its very nature mineral extraction and associated operations can cause a number of detrimental effects to the nearby environment. However, due to the site's location combined with local topography and the screening proposed, the proposals would affect a relatively limited number of people. The site is not easily viewed from the surrounding area. For the reasons explained in this Screening Opinion, Environmental Impact Assessment is not required in respect of the above planning application/proposals, and an Environmental Statement does not need to be submitted.

19. SCREENING DECISION

If a SO/SD has been provided do you agree with it?	N/A
Is it necessary to issue a SD?	No
Is an ES required?	No

20. ASSESSMENT (EIA REGS SCHEDULE 2 DEVELOPMENT)

	OUTCOME	
Is likely to have significant effects on the environment	ES required	X
Not likely to have significant effects on the environment	ES not required	✓
More information is required to inform direction	Request further info	X

21. REASON FOR SCREENING

To accord with the requirements of The Town and Country Planning (Environmental Impact Assessment) Regulations 2017

NAME	Farzana Tabasum, Senior Planner, Kirklees Council
DATE	22/10/2024

