

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

1. CASE DETAILS			
Case Reference	2023/62/91280/E0	Brief description of the project / development	Quarrying operations for the extraction of clay, shale and incidental coal and subsequent restoration by means of importation of inert wastes
Applicant	Wavin UK Ltd		
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?		Column 1 2 Extractive industry (a) Quarries, open cast mining and peat extraction (unless included in Schedule 1); Column 2 All development except the construction of buildings or other ancillary structures where the new floorspace does not exceed 1,000 square metres.	
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?	No The application seeks to carry out quarrying operations for the extraction of mineral (clay and shale with some incidental coal) approximately 760,000 tonnes over an area of 8.4 hectares and restoration by means of importing inert waste over a period of 25 years. This would result in noticeable (albeit temporary) changes to 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.	N/A
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. Non-renewable sources of minerals would be	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 immediate vicinity of the site. Impacts would be for a limited period and suitable restoration of the site would result in it being returned to an agricultural use. Regarding the impact of carrying out the proposals on the existing surrounding development, the works

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
		extracted from the site, but not used as part of the operation. Restoration of the site would be reliant on the re-use of waste (overburden) produced from the site and inert waste to be imported to the site. This is viewed as the recycling of a resource which would otherwise be lost. However, a significant amount of energy (including energy from non-renewable sources) would be required in transporting material to, from and within the site and then subsequently creating the required landform using heavy plant and equipment.		would in part be concealed by the present established landscaping along three of the site boundaries. Given these considerations, the proposals would not result in a significant effect.
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 and shale) exists at the site. There are no other 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?	No	Extractive operations would produce significant quantities of quarry waste known as overburden. However, this material would be used in site restoration and would not be exported from the site.	N/A	

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)	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))
7. POLLUTION AND NUISANCES		
7.1 Will the project release pollutants or any hazardous, toxic or noxious substances to air?	No Due to the nature of operations, there is the likelihood that dust will be generated during dry conditions. However, the matter of dust can generally be controlled by planning conditions, through the requirement to provide acceptable dust suppression measures. It is therefore considered that this proposal would not significantly add to the levels of dust generation. Significant releases of hazardous, toxic or noxious substances would not occur.	N/A
7.2 Will the project cause noise and vibration or release of light, heat, energy or electromagnetic radiation?	Yes The project is highly likely to produce noise and vibration in carrying out the proposals for mineral extraction, 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

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
				considerations, the proposals would not result in a significant effect.
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?	No	The submitted Phase 1 Preliminary Geo-environmental Risk Assessment for the proposed development (Silkstone Environmental Limited, 2023) was reviewed. The previous use of the proposed development site included potentially contaminative land uses, including historic landfill and spoil storage. This presents a risk of contamination that could be mobilised during extraction to pollute controlled waters. Controlled waters are particularly sensitive in this location because the proposed development site is located upon a 'Secondary A' Aquifer. The Phase 1 assessment demonstrates that it would be possible to manage the risks posed to controlled waters by this development. The Environment Agency (EA) has advised further detailed information would, however, be required before development is undertaken, which the EA has advised can be conditioned. These measures would adequately minimise risks of contamination of land and water.	N/A	
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 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	No	Should any accidents associated with this proposal occur on site, these are likely to be during the extraction of mineral or during loading operations, and are unlikely to be major	N/A	

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
construction, operation or decommissioning?		in scale or consequence. As the site is relatively remote and would be secured it is unlikely that members of the general public would be directly affected by the proposal, which in turn reduces the risk of accidents being major. Subject to the adherence to all relevant conditions, it is not considered that there would be a risk of major accidents (including those caused by climate change, in accordance with scientific knowledge) during construction, operation or decommissioning.		
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	Subject to adherence to all relevant conditions, it is not considered that the project would present a risk to the population (having regard to population density) and their human health during construction, operation or decommissioning.	N/A	
9. WATER RESOURCES				
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?	No	The proposed development would be drained by pumping to a water treatment area with off-site outfall to the existing field drainage tributary of East Hill Beck. Once completed and restored, surface water runoff from restored surfaces would drain naturally towards the south for discharge to the same field drainage system. Surface water drainage to East Hill Beck would therefore continue throughout the operational life of the development and after site restoration without risk of flooding or property or people.	N/A	
10. BIODIVERSITY (SPECIES AND HABITATS)				
10.1 Are there any protected areas which are designated or classified for their terrestrial, avian and marine ecological value, or any non-designated	No	The site and its immediate surroundings are not located within any areas of ecological or environmental sensitivity.	N/A	

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
/ non-classified areas which are important or sensitive for reasons of their terrestrial, avian and marine 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).				
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?	No	The site and its immediate surroundings are not covered by any statutory or non-statutory nature conservation designations. European Designations within 10km include the South Pennine Moors SAC and the Peak District Moors (South Pennine Moors Phase 1) SPA is located approximately 8.5km west of the Site. The habitats within the site are not suitable for use by feeding golden plover (<i>Pluvialis apricaria</i>) for which the SPA has been designated. Consequently, risks to biodiversity and or important or sensitive species of flora or fauna are likely to be limited and would not pose a direct long-term threat to the ecology of the area. The restoration scheme would provide opportunities for enhancements to local biodiversity.	N/A	
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	No	Other than the Green Belt and areas of Wildlife Habitat Network corridors, there are no areas or features on or around the location which are protected for their landscape and scenic value, and there are no non-designated / non-	N/A	

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
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).		classified areas or features of high landscape or scenic value that could be affected by the project. The proposed extractive operations and storage of soils and overburden in the locations proposed are unlikely to impact on the Wildlife Habitat Network areas adjacent to this site.		
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 and existing landscaping on three boundaries of the site. The site is likely to be seen from certain points from the north-west, however views into the site would be limited due to the existing and proposed landscaping/tree planting. It is considered that this proposal would not have a significant visual impact such that EIA would be warranted.	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 on setting, and views to, from and within)? Where designated indicate level of designation (international, national, regional or local).	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.

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)		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))	
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 would be used for the importation of material to the site, the proposals would not affect any 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 north of the site on Cumberworth Lane and to the south on Barnsley Road. The existing land uses are unlikely to be adversely affected by the proposals as the application site would be adequately screened and separated from other land uses due to the topography of the surrounding land and existing mature landscaping.	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 forms part of a larger accepted mineral extraction allocation in the Local Plan, whereby mineral has been extracted and the sites restored to the south and west of this application site. There are also a number of other allocated land uses, which include a priority employment area and housing in close vicinity of the site. However, it is not anticipated that the future development of these allocations would be jeopardised.	N/A	

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)	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))
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 is not known to be unstable or susceptible to subsidence or other land stability or climate vulnerabilities.	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 There are a number of operational quarries, in the vicinity of the application site. Sovereign and Appleton quarries lie approximately 1.60km to the west, Henperch quarry lies to the east approximately 2km away, and Peace Wood quarry to the north is approximately 2km away.	No The carrying out of the proposals will undoubtedly result in cumulation of impacts during the operation phase. However, the existing operational quarries have in part been restored or restoration will commence following mineral extraction, thereby reducing the overall area of disturbed land. The potential impacts of nearby developments within Kirklees (be they existing, consented or under construction), together with those proposed, would not result in cumulative effects that necessitate EIA.
17. TRANSBOUNDARY EFFECTS		
17.1 Is the project likely to lead to transboundary effects? ²	No The nearest neighbouring local authority is Barnsley. The only transboundary impact that is likely from the proposals would come from the proposed HGV routing plan, which partly falls within this neighbouring authority, at the cross junction with Windmill Lane, Huddingley Lane and Hey Slack Lane.	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.

A Screening Criteria Question	B Response to the Screening Criteria Question in Column A (Yes/No and explanation of reasons)	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))
	References to "transboundary effects" in EIA legislation are in fact more related to state / international boundaries. The proposed project is located well away from any such boundaries. Due to the level of HGV movements proposed, together with the current condition and standards of the highway infrastructure proposed for the HGV routing, it is not considered that the proposals would lead to significant transboundary effects which would warrant EIA.	

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 HGV and changes to the character and topography of the site during extractive operations. Nevertheless, these can be mitigated against by 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 two former quarries where, aside from the awaited soft landscaping, both have largely been restored and brought back into agricultural use.

The application site would utilise an existing access to the highway network from Barnsley Road. 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. Due to the site's location combined with local topography and natural screening, the proposals would affect a relatively limited number of people. It 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 is not required.

19. SCREENING DECISION

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

20. ASSESSMENT (EIA REGS SCHEDULE 2 DEVELOPMENT)	OUTCOME	
Is likely to have significant effects on the environment	ES required	✗
<u>Not</u> likely to have significant effects on the environment	ES not required	✓
More information is required to inform direction	Request further info	✗

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	05/01/2023

