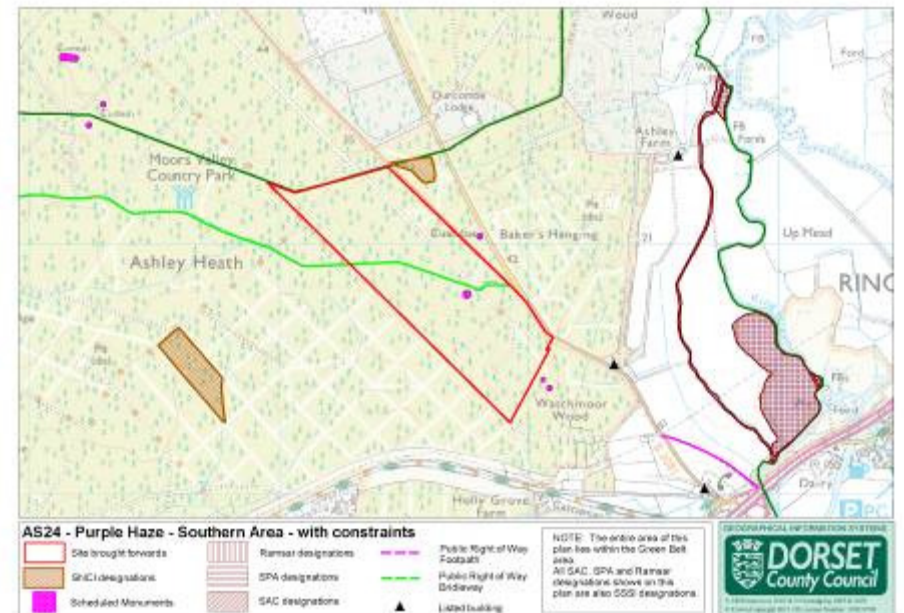


Site Assessment Pro Forma: Purple Haze South AS24

| Site Information | |
|-------------------------------|--|
| Site Location | Adjacent to B3018 south-east of Verwood. |
| Grid Reference | SU 126 057 |
| Administrative Area | East Dorset DC |
| Parish | St. Leonard's and St Ives CP |
| Site Nominee(s) | Somerley Estate |
| Agent | Carter Jonas |
| Proposed development | Extraction of building sand |
| Site Area | Approximately 43 ha |
| Estimated annual output (tpa) | Apx 450,000 tpa |
| Estimated reserve | Approximately 4.5 mt |
| Expected life of operation | 10-15 years |
| Existing land use | Coniferous woodland |
| Landscape character type | tbc |
| Proposed Restoration | Agriculture and Forestry |
| Access | tbc |
| Estimated Traffic Movements | tbc |



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Biodiversity.

Criterion C1 - Impact on European/international designations.

A

Proposed area is likely to support Annex I birds as part of the forestry crop rotation; the populations of these birds may be functionally linked to Dorset Heathlands SPA. The forestry plantation is well used as recreation site contributing to the network of areas which help to reduce human recreational pressure on designated heathlands. There are possible in-combination effects of mineral working proposals in Hampshire within Ringwood Forest. Working this area has the potential to lead to significant risk of adverse effects on European sites.

Dorset County Council 25.10.13.

Criterion C2 - Impact on areas used by Annex I bird species.

A

Area supports Annex I birds as part of the existing forestry crop rotation. Clearance of trees would result in heathland regeneration and the open habitat would rapidly become suitable for more Annex I birds. The site has the potential to be included in a revision to the heathland SPA boundary. Risk based approach essential here.

Dorset County Council 25.10.13

Criterion C3 - Impact on national designations.

A

No additional issues beyond C1 above

Dorset County Council 25.10.13

Criterion C4 - Impact on protected species.

C

Existing rides may support populations of European protected species, Sand Lizard and Smooth Snake, and common protected reptiles. Mitigation for effects on reptiles may be necessary. If so, it seems likely NE would be able to issue a disturbance licence if required.

Dorset County Council 25.10.13

Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.

D

No comment

Dorset County Council 25.10.13

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Geodiversity

Criterion C6 - Impact on geodiversity.**D**

No specific scientific gains or geodiversity enhancements are likely but the exposures may be of interest to the quaternary and tertiary research associations. Provision should be made so that it will be possible to arrange such visits on request.

Dorset County Council 24.10.2013

Landscape

Criterion C7 – Impact on designated landscapes.**D**

No significant impact/negligible

Dorset County Council 25 October 2013

Criterion C8 – What is landscape capacity to accommodate proposed development.**C**

Potential impact on the amenity of footpath users and on the on the amenity of forest track users. Also a potential impact on the character of the Heath Forest Mosaic but if after extraction there is an opportunity to restore the land as a SANG as it is within the SE Dorset Green Infrastructure area.

Dorset County Council 25 October 2013

Criterion C9 –Impact on historic landscapes.**D**

The site is occupied by conifer plantation and must have been heathland before. Although the restoration type is yet to be decided, I would think its impact would be neutral.

Dorset County Council 1/11/2013

Site Assessment Pro Forma: Purple Haze South AS24

Historic Environment

| | |
|--|----------|
| Criterion C10 – Impact on historic buildings. | D |
| <p>The nearest listed building is Ashley Lodge but if the woodland cover is maintained between the building and the site then there should be no adverse impact.</p> <p>Assessment D No significant impact.</p> <p>Dorset County Council 1/11/2013</p> | |

| | | | |
|---|----------|----------|----------|
| Criterion C11 – Impact on archaeology. | A | B | C |
| <p>A barrow that is protected as a Scheduled Monument (SM31911 – ‘Bowl barrow on the eastern part of Ashley Heath, 660m north west of Ashley Lodge’) occupies a relatively central location within the site. Several other barrows that are also protected as Scheduled Monuments lie close to the site. The barrow within the site in particular is a major constraint, and theoretically, extraction that destroyed this nationally-important feature would be category A. However, the protection afforded the monument makes this unlikely to happen.</p> <p>I think a way forward could be the removal of some of the site from the extraction area. An archaeological assessment and if necessary an evaluation of the site that considers all the barrows mentioned above and their settings, as well as other possible archaeological material on the site, should help in making a decision on this, as well as in understanding the wider archaeological impact of the extraction on this site. Early discussion with English Heritage should also be helpful in the making of this decision.</p> <p>If a compromise can be determined that allows some quarrying within a fraction of this site, the impact could perhaps drop to category C.</p> <p>Dorset County Council 1/11/2013</p> | | | |

Water and Flood Management

| | | |
|---|----------|----------|
| Criterion C12 -Impact on hydrogeology or groundwater. | B | C |
| <p>Criteria classification ‘C’ as is in a Secondary Aquifer, but this would rise to Criterion ‘B’ should there be private supplies within 250m. Also a stream which drains the sands (SU 12176 05789) lies within 250m of the site western boundary. This suggests the class should be ‘B’ unless further data shows no impact on the spring flow. There are drains to the East flowing into the Avon SSSI/SAC. The impacts of the development on these flows should be assessed. No impact on SPZs.</p> <p>Environment Agency 27 February 2013</p> | | |

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| | | |
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| Criterion C13 – Impact on surface waters. | B | C |
| Criteria classification 'B', because approximately 120m from a drain. However, this classification could be reduced to a 'C' if the drain isn't considered very significant. | | |
| Environment Agency 27 February 2013 | | |

| | |
|---|----------|
| Criterion C14 - Impact on flooding or coastal stability. | D |
| Site is entirely within Flood Zone 1. | |
| Environment Agency 27 February 2013 | |

Land and Soils

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|--|----------|
| Criterion C15 - Impact on existing soils or land type (including BMV land). | D |
| Land is forestry land. Any soil removed will be protected during working and will be able to be re-used on site. | |
| Dorset County Council 5 November 2013 | |

Air Quality

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|---|----------|
| Criterion C16 – Impact on AQMAs. | D |
| No direct impact on AQMAs. | |
| Dorset County Council 5 November 2013 | |

Economic development

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|--|----------|
| Criterion C17 - Impact on economic development. | D |
| As a large aggregate site, this site nomination would provide significant on-going benefits to the local and wider economy; it will maintain local employment during working and the restoration to forestry will have on-going benefits also. | |
| Dorset County Council 5 November 2013 | |

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Human Health and Amenity

Criterion C18 - Impact on Sensitive Human Receptors.

D.

Two residential properties at approximately 260m; Ashley Heath to south/west at just over 750m. The site is large enough that it should be possible to screen these residences satisfactorily, using mitigation such as visual and noise attenuation bunds.

Dorset County Council 5 November 2013

Criterion C19 - Impact on existing settlements.

D

Ashley Heath to south/west at just over 750m. Verwood almost 2km to north west. The site is large enough that it should be possible to screen the workings satisfactorily, using mitigation such as visual and noise attenuation bunds.

Dorset County Council 5 November 2013

Airport Safety

Criterion C20 - Impact on airport safety

C

Site is approximately 8km from airport. Site not to be worked or restored dry.

Dorset County Council 5 November 2013

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.

B

Site is likely to be worked as an extension to a quarry in Hampshire. Other proposed and existing mineral development in the vicinity.

There is no land allocated for major development in the Christchurch and East Dorset Consolidated Plan, or in the New Forest District Sites and Development Management DPD Jan 2012 (as amended by Proposed modifications Sept 2013) within 5Km of the proposal.

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Carbon Emissions

| | |
|---|----------|
| Criterion C22 - Impact on carbon emissions | B |
| Site will rely on road transport. | |
| Dorset County Council 5 November 2013 | |

Recreation/Access

| | |
|--|----------|
| Criterion C23 – Impact on recreational land | B |
| Loss of recreational land, with potential for replacement after development. More information and assessment required. | |
| Dorset County Council 5 November 2013 | |

| | |
|--|----------|
| Criterion C24- Impact on public rights of way | B |
| Bridleway crosses the site. | |
| Dorset County Council 5 November 2013 | |

| | | |
|---|----------|----------|
| Criterion C25 - Are the access proposals acceptable | A | D |
| <p>While we have not been given any information regarding the estimated mineral reserves or annual output for this site, estimated HGV trips could be 100 per day. Direct access onto the site would necessarily be onto the B3081. Adjacent to the site is the existing Baker's Hanging junction, between the B3081 and Alderholt Road. This junction and the access to a walkers car park opposite have a poor accident history. This is partly due to the geometry of the road, with a restrictively acute angle to be negotiated for any vehicles that may wish to turn left into Alderholt Road from the B3081, and partly due to restricted forward visibility and speed.</p> <p>Any access onto the B3081 would need to be to the north of the Baker's Hanging junction. There are issues of vertical alignment and visibility on this section of the B3081 and a Transport Assessment would need to demonstrate that a junction with sufficient visibility and geometry could be provided. In addition to this a TA would need to consider the movements of HGVs leaving and arriving at the site and any interaction with mineral sites over the border in Hampshire. Vehicle routing will be key and any left turning vehicles into Alderholt Road or other significant impact at Baker's Hanging junction without significant mitigation will be strongly resisted.</p> <p>Due to issues of direct access onto the B3081 and safety concerns at the Baker's Hanging junction this site has been rated as A. If a promoter could adequately demonstrate that there is a safe access location and safe vehicle routing then the site could be given a D rating due to the direct access to the strategic road network.</p> | | |
| Dorset County Council 29 October 2013 | | |