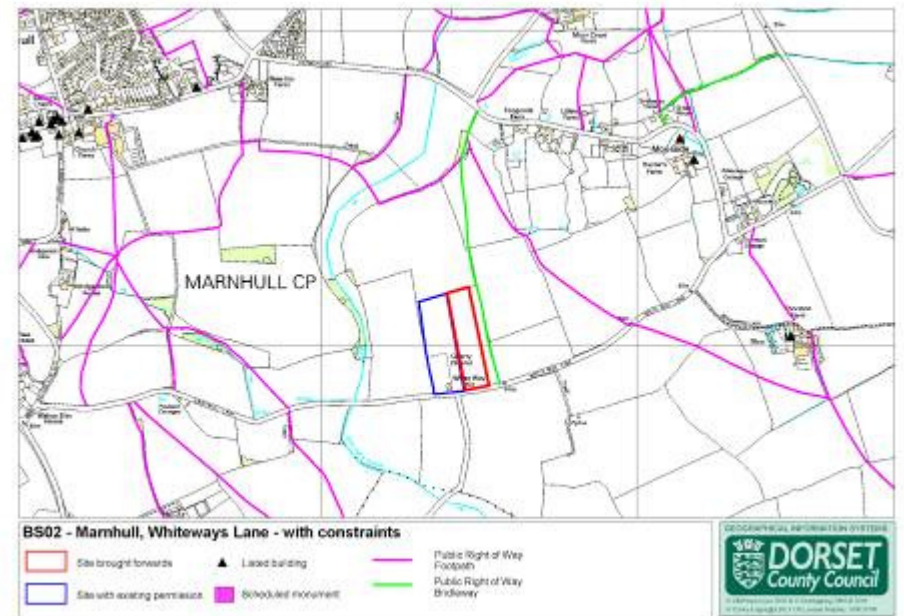


Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Site Information	
Site Location	Marnhull Quarry, Whiteways Lane
Grid Reference	ST 792 180
Administrative Area	North Dorset District Council
Parish	Marnhull CP
Site Nominee(s)	Marnhull Stone Limited
Agent	None
Proposed development	Limestone extraction (extension to existing quarry)
Site Area	2.02ha
Estimated annual output (tpa)	1,500
Estimated reserve	25,000 tonnes
Expected life of operation	Approximately 15 years
Existing land use	Agriculture
Landscape character	TBC
Proposed Restoration	Agricultural land
Access	As existing, via Whiteways Lane
Estimated Traffic Movements	300 total lorry movements per annum



Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Biodiversity.

Criterion C1 - Impact on European/international designations.**D**

No comment

Dorset County Council 7Nov13

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

No comment

Dorset County Council 7Nov13

Criterion C3 - Impact on national designations.**D**

No comment

Dorset County Council 7Nov13

Criterion C4 - Impact on protected species.**D**

No comment

Dorset County Council 7Nov13

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

No comment

Dorset County Council 7Nov13

Geodiversity

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

This extension would continue an existing exposure of the Clavellata Beds of the Corallian Group. This should be considered an enhancement to an existing LGS at this site.

Dorset County Council 6.11.2013

Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Landscape

Criterion C7 – Impact on designated landscapes.	D
No significant impact/negligible	
Dorset County Council 23 October 2013	

Criterion C8 – What is landscape capacity to accommodate proposed development.	C
May be some adverse impacts but if mitigation designed to be sympathetic these can be minimised to cause no significant adverse effects.	
Dorset County Council 23 October 2013	

Criterion C9 – Impact on historic landscapes.	C
The site lies in the Blackmore Vale. Seemingly much of the Vale remained wooded until the Middle Ages, and so the field system on and around the site may well be Medieval in origin. I am not aware of anything particularly significant about these fields, hence category C seems appropriate.	
Dorset County Council 30/10/2013	

Historic Environment

Criterion C10 – Impact on historic buildings.	D
Listed buildings too far away to be affected. Assessment grade D: no significant impact.	
Dorset County Council 13 November 2013	

Criterion C11 – Impact on archaeology.	A	→	D
According to the Dorset Historic Environment Record, human remains were found nearby during quarrying about 200 years ago. From the description, they sound like part of a Christian cemetery of an indeterminate period. Archaeological evaluation would be appropriate before determination of a planning application to indicate the likely archaeological impact of quarrying and the appropriate mitigation. Potentially the impact could be anywhere between categories A and D.			
Dorset County Council 30/10/2013			

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Water and Flood Management

Criterion C12 - Impact on hydrogeology or groundwater.**C**

No impact on SPZs and no licensed abstraction points within 500m. Site is within a Secondary Aquifer – rating of C. Hydrogeological Risk Assessment required.

Environment Agency 27 February 2013

Criterion C13 – Impact on surface waters.**B**

Site boundary is within 250m of the Chivrick's Brook – rating of B.

Environment Agency 27 February 2013

Criterion C14 - Impact on flooding or coastal stability.**D**

Site is entirely in FRZ I.

Dorset County Council 24 October 2013

Land and Soils

Criterion C15 - Impact on existing soils or land type (including BMV land).**C**

Site is good to moderate quality agricultural land. Soils will be protected during working and the site restores after working.

Dorset County Council 24 October 2013

Air Quality

Criterion C16 – Impact on AQMAs.**D**

No AQMAs directly affected.

Dorset County Council 24 October 2013

Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Economic development

Criterion C17 - Impact on economic development.	D
Site will have positive benefit during working, contributing to supply of building stone and providing employment. Restoration to agriculture will maintain an on-going positive benefit.	
Dorset County Council 24 October 2013	

Human Health and Amenity

Criterion C18 - Impact on Sensitive Human Receptors.	E
Closest property is Toogoods farm, just over 500m to the north east.	
Dorset County Council 24 October 2013	

Criterion C19 - Impact on existing settlements.	E
Nearest settlement is Marnhull, at approximately 800m to north west.	
Dorset County Council 24 October 2013	

Airport Safety

Criterion C20 - Impact on airport safety	E
Site is 37km from airport.	
Dorset County Council 24 October 2013	

Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.

C

Site proposal is an extension to an existing site in an area where there is other mineral working –two building stone quarries approximately 1.5km to the north at Todber – but the amounts of traffic generated are relatively small. In terms of cumulative impacts for mineral working, rating of C is justified.

The proposal is within 5Km of sites allocated in Sturminster Newton for residential development (380 dwellings in the town in total) in the Pre -Submission draft North Dorset Local Plan Nov 2013. Traffic arising from the new development will add to general traffic levels on the B3092.

Dorset County Council 24 October 2013 2 December 2013.

Carbon Emissions

Criterion C22 - Impact on carbon emissions

B

Site will rely on lorry transport.

Dorset County Council 24 October 2013

Recreation/Access

Criterion C23 – Impact on recreational land

D

Site is agricultural land, no formal or informal recreational use.

Dorset County Council 24 October 2013

Criterion C24- Impact on public rights of way

D

No rights of way on or immediately adjacent to site, but bridleway passes close to eastern edge.

Dorset County Council 24 October 2013

Site Assessment Pro Forma: Marnhull Stone Quarry extension, Whiteways Lane BS02

Criterion C25 - Are the access proposals acceptable	C
<p>Entrance to the site will be gained via an existing, suitable, access onto Whiteways Lane. From here vehicles will use the local rural road network to access the B3092. While this road does pass through some local settlements, the very low numbers of predicted movements, less than one a day, mean that the site has been given a C rating.</p> <p>Dorset County Council 29 October 2013</p>	