

**Waste Core Strategy
Site Options Consultation**

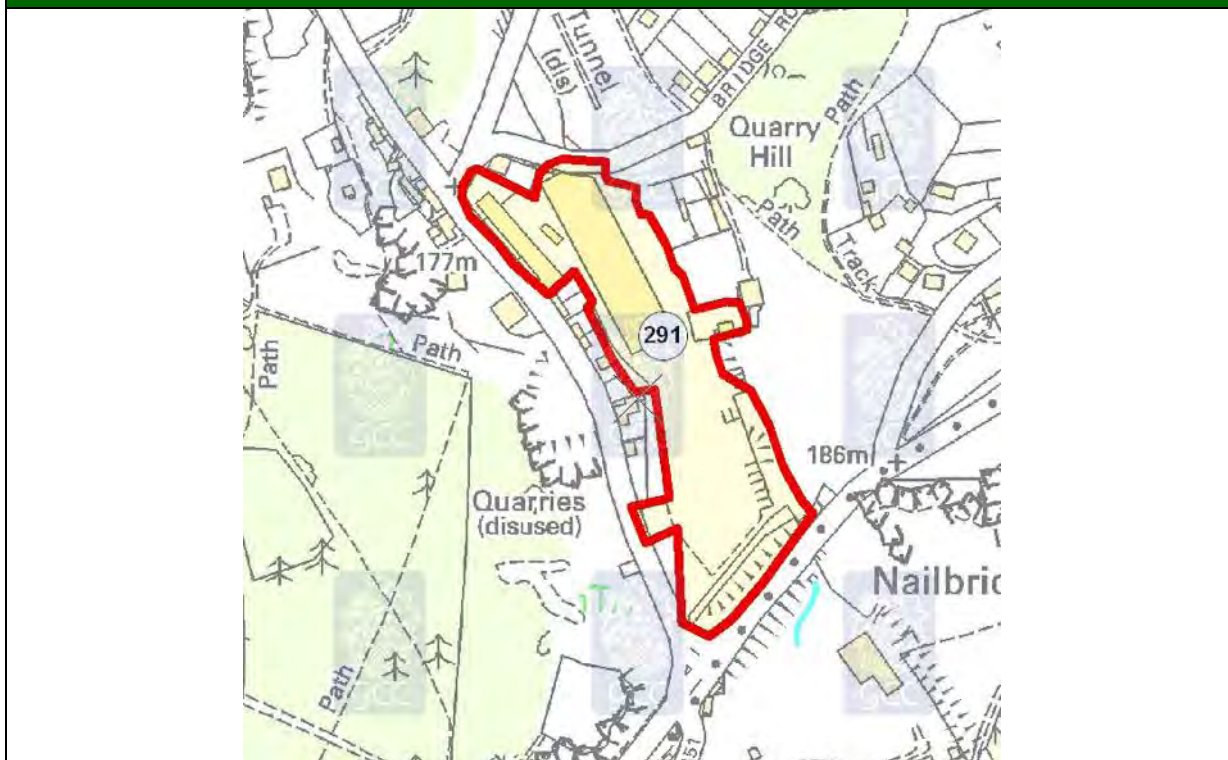
Waste Site Assessment

Appendix C.32: Site 291 - Drybrook

October 2009

Site Maps and Images

Site Map



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Aerial Photo



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Site Images



Locational Information

Site Details			
District	Forest		
Parish	Drybrook		
Easting	364519	Northings	216436
Approximate Site Area (hectares)	3		
Reasons for inclusion <i>NB: Slight anomalies in site boundaries may have arisen from 'clustering' of sites from more than one source and/or the absence of detailed site plans in source documents.</i>	The site was identified in the Forest of Dean Local Plan.		
Date of WPA officer visit	15th December 2008		
Broad Description of Site (including current activities on site, location and neighbouring uses)	<p>This is a small site which runs alongside Morse Road. The whole site is used by Hales & Co (Drybrook) Ltd. The site is lower than the surrounding roads due to a fall in the land. The south area of the site is used for the storage of building materials. Some housing in proximity.</p> <p>Additional Sensitive Receptors: A school and 2 churches.</p>		

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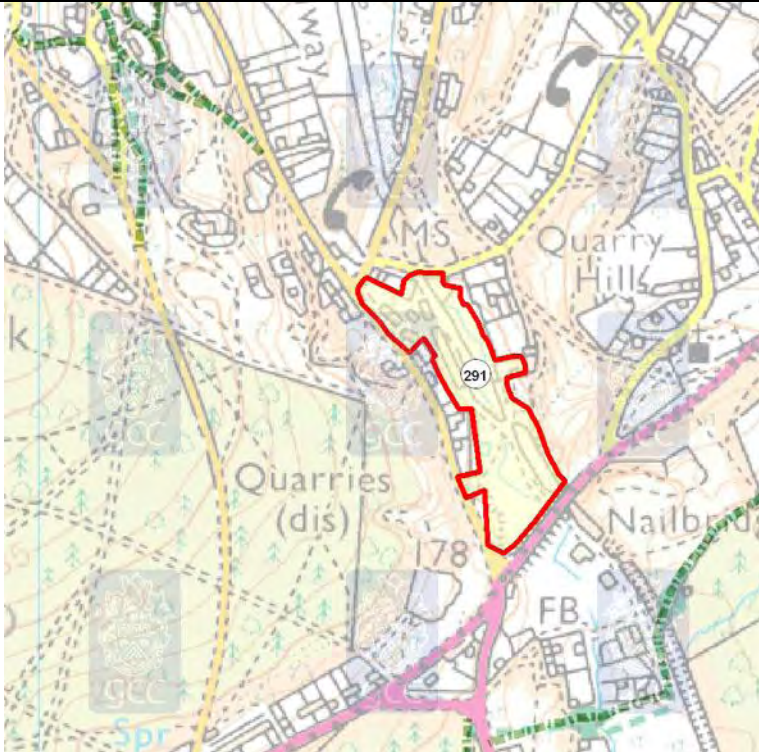
Site Assessment Factors/Criteria for Consideration

Landscape	
Comments	The site is located on land that has been developed and is not within or adjacent to a national landscape designation such as AONB.
Landscape Character	Ridges & Valleys Edge Hill.

Green Belt	
Comments	The site is outside of the Gloucester/Cheltenham Green Belt.

Highways (Based on information provided by Gloucestershire County Council's Highways Development Co-ordination team)			
Routes to access Strategic Network <i>This denotes the assumed roads that would be used in order for vehicles to travel to and from the proposed site and the wider road network.</i>	A4136		
Proximity to Strategic Highway Network <i>Assessment of the proximity of the site to different types of road (as specific entrance points are not known have made assumptions about where entrance might be), with reference to the GCC Advisory Freight Route Map (notwithstanding obvious changes arising from new roads etc).</i>	Medium	Definition	Access from (or in close proximity to) routes identified for local journeys (A and B roads).
Sustainable Transport <i>Potential for operational access to the site to be by (or involve) non-road modes of transport, based on broad consideration of distance from water/rail and general location, rather than knowledge that it may or may not be technically practical.</i>	Low	Definition	Site has no potential for rail and/or water transport (generally considered too far from nearest water/rail).
Employee Accessibility <i>Potential for employees to be able to access the site using non-car modes.</i>	Medium	Definition	Site has some residential areas within close proximity, and/or is reasonably close to a fairly frequent bus route (route of 2-hrly or more frequent, as marked in red on GCC PT map).
Other Transport Issues <i>This column comments on any other relevant transport issues for the site, which will have partly arisen from discussions with area/stakeholder managers.</i>	Adequate access onto A4136.		
Recommendation <i>This category provides an overall view of the potential of the site to be used as a strategic waste facility in transport terms.</i>	Possible	Definition	Site has some concerns from a transport perspective, and could still be taken forward depending on views of other disciplines, but may require significant mitigation.

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Public Rights of Way (Based on information provided by Gloucestershire County Council's Public Rights of Way (PRoW) team)	
Score	+
Score Definition	No Public Rights of Way network present on site; or Presence of Public Rights of Way network with opportunity for existing route to be enhanced.
Additional Comments	No Path.
Map Legend	 Public Right of Way
PRoW Map	

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Aerodrome Safeguarding (based on safeguarding maps provided by Gloucestershire Airport and the Ministry of Defence (MOD))	
Comments	The site lies outside all safeguarding zones.
NB. Where a site lies across more than one safeguarding zone the entire site has been defaulted to lowest height category for consultation.	

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Ecology/Biodiversity (Based on information provided by Gloucestershire County Council's Ecologist and the Gloucestershire Centre for Environmental Records (GCER))	
Score	0
Score Definition	Overall impact on biodiversity could be potentially negative, uncertain or positive. Identified important ecological constraint up to and including 250 metres distant.
Additional Comments	Scores with * indicate designated aquifer fed/surface water/flood water dependent site(s) over 1km distant which may be affected, site as named above.
Nearby Internationally & Nationally Designated Sites Recorded	None
Other Internationally & Nationally Designated Sites (wetlands)	None
Ecology Legend	<div> <div></div> SSSI Site of Special Scientific Interest <div></div> Key Wildlife Site - area <div></div> SAC Site <div></div> Ramsar Site <div></div> SPA Site </div>
Constraints Map	

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Geodiversity (Based on information provided by the Gloucestershire Geology Trust at the Geological Records Centre)

Comments	<p>There were RIGS recorded within 250m of the site boundary</p> <p>Nailbridge Quarry [GGT Site No. 147]</p> <p>An old quarry face exposing Carboniferous 'Pennant Sandstone Formation', containing large scale crossbedding and fragments of coal in the matrix. It has basic education value but access is good and safe.</p> <p>Nailbridge Scars [GGT Site No. 177]</p> <p>A disused quarry exposing Carboniferous 'Pennant Sandstone Formation', containing large scale crossbedding in a high face with good safe access to the site.</p>
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Archaeology and the Historic Environment (Based on information provided by Gloucestershire County Council's Archaeology team)

Score	0
Score Definition	<p>The site contains no known historical or archaeologically significant remains, but</p> <ul style="list-style-type: none"> * Provides a setting for significant remains * Has the potential to contain significant remains, which are known in the vicinity
Additional Comments	Designated as 0 as the site contains evidence for the Forest of Dean extractive industry (SMR 12148). This site, however, appears to have no surviving structures.


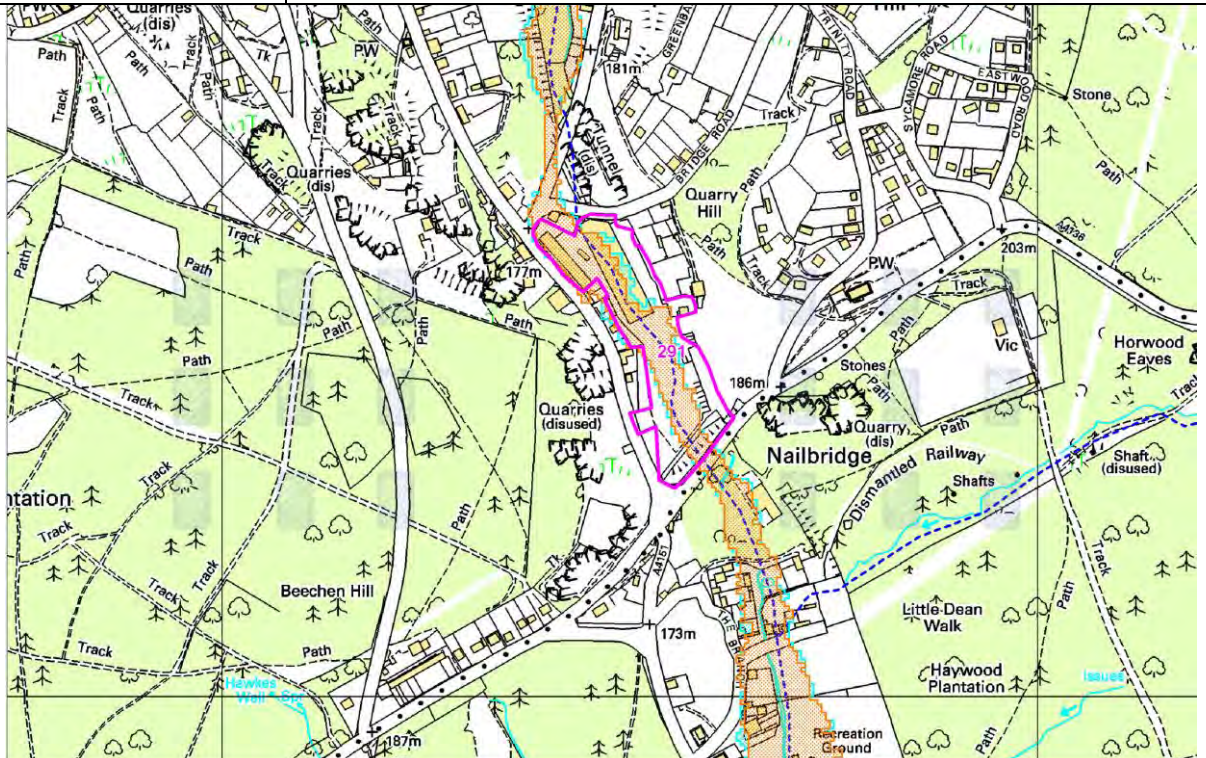
Contaminated Land (Based on information provided by the appropriate district council)

Comment	No information was made available in relation to potential contamination on this site.
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Flood Risk (Based on information provided by Halcrow)

Site Description	<p>This site is located within a disused quarry. A minor watercourse, the Dry Brook, is located the north of the site, flowing in a southerly direction towards the site.</p> <p>Approximately 150m upstream of the site the watercourse is culverted through what appears to be a disused tunnel. The watercourse itself is culverted through the site, emerging immediately downstream of the southern boundary, where it flows through open channel for approximately 50m before being culverted once again.</p>
Watercourse(s)	Dry Brook
Flood Zone	1, 2, 3a and 3b
Flood Zone Information (Method used to derive Flood Zones & Confidence in Flood Zone information)	JFLOW modelled outlines. Low confidence. Misalignments evident in Flood Zone maps. Flood Zones do not take into account the presence of the culvert.
Fluvial Flood Risk Posed to Site (including climate change)	Site lies predominantly in Flood Zones 2, 3a and 3b with little difference in the extent of the Flood Zone maps. Flood Zone 3b has been represented by Flood Zone 3a. The 100 year climate change event is not deemed robust as it is based on the JFLOW Flood Zone 2 which appears inaccurate.
Historic Flooding/Flooding From Other Sources	There are no records of historic flooding and flooding from other sources including groundwater and surface water have not been recorded on the site.
Canals (Raised - breach/overtopping)	No canals exist in or adjacent to the site.

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Flood Defences (Location/Type/SoP/Residual Risk)	No defences are known to exist in the site.
Culverts (Location/Type/Watercourse/Residual Risk)	The watercourse is culverted through the length of the site. The current Flood Zone maps do not take into account the presence of the culvert and this should be investigated further as part of a FRA. In addition, the residual risk to the site from blockage
Score	--
Score Definition	Site is mainly in Flood Zone 3b (Historical flood risk, flood risk from other sources and residual risk has been incorporated into the determination of the suitability score).
Additional Comments	None.
Legend	 <p> Council Boundary Council Owned Flood Defence Watercourse Centre Line Minor Watercourse Canal Environment Agency Flood Defence Council Owned Flood Defence Flood Zone 2 (Medium Probability) Flood Zone 3a (High Probability) Flood Zone 3b (Functional Floodplain) Recorded Flooding - Impounded Water Bodies Recorded Flooding - Artificial Drainage Recorded Flooding - Surface Water Recorded Flooding - Fluvial Recorded Flooding - Unknown </p>
Flood Map	

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Source Protection Zones (SPZs)

Comments N/A

Groundwater/Aquifer details

Comments Site 291 is lying over a Minor Aquifer High (HU). The site is also within 250m of a Minor Aquifer High (H3).

Land Ownership and General Deliverability Issues (Based on research undertaken in-house)

At this stage the deliverability of the site is unknown.

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General Comments

Officer Comments: Further information would be required in relation to deliverability of this site. There are nearby sensitive receptors which would also need to be considered.

Ecology/Biodiversity/Geodiversity/Archaeology: Further consultation would be required in order to assess any potential impacts upon the above mentioned areas.

Groundwater/Aquifer: Information would be required from the Environment Agency as to the potential impacts upon the above mentioned areas.

Potential for Further Discussion within the WCS

Due to the significant flood risk associated with the site, it is felt that this site should not be taken forward into the WCS for further consideration.