



## **Waste Core Strategy Site Options Consultation**

### **Waste Site Assessment**

**Appendix C.65: Site 502 - Brockhampton STW**

**October 2009**

## Appendix C.65: Site 502 - Brockhampton STW

### *Site Maps and Images*

#### Site Map



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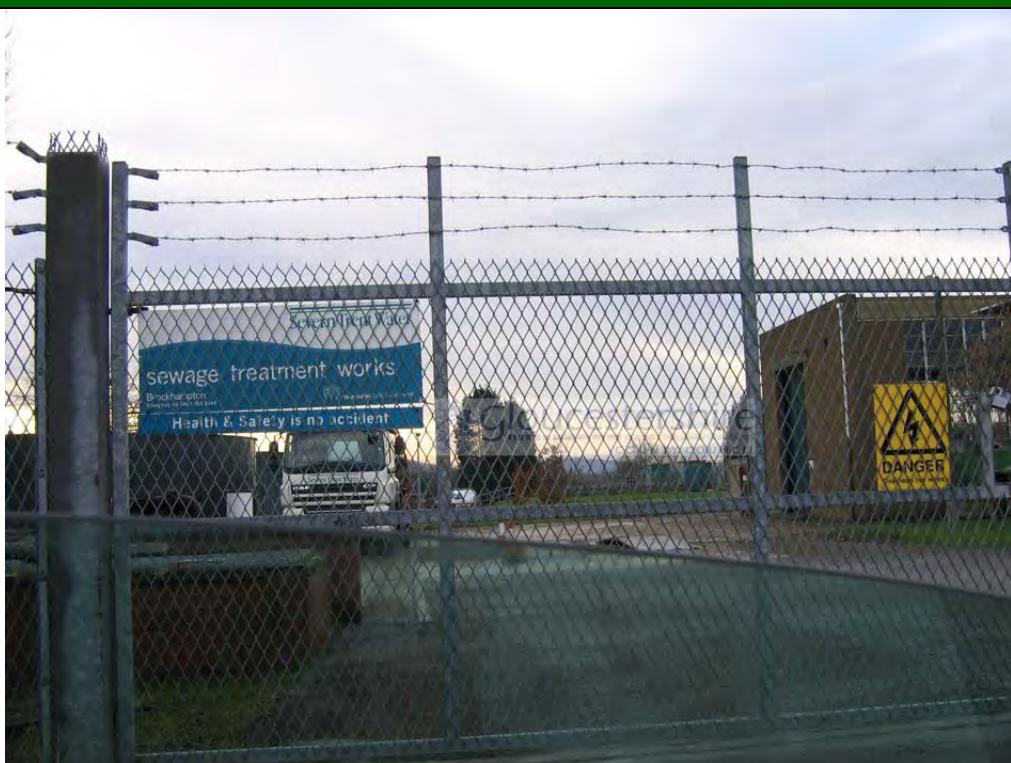
#### Aerial Photo



Imagery copyright Getmapping PLC. [www.getmapping.com](http://www.getmapping.com)

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### Site Images



### Locational Information

Site Details			
District	Tewkesbury		
Parish	Bishop's Cleeve		
Easting	394593	Northing	225999
Approximate Site Area (hectares)	2		
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 contains existing waste management facilities.		
Date of WPA officer visit	8th December 2008		
Broad Description of Site (including current activities on site, location and neighbouring uses)	<p>This site is a small Sewage Treatment Works accessed via a narrow country lane. There are a few houses close by and the site is within close proximity to Brockhampton village. Farm land surrounding and low hedging around most of the site.</p> <p>Additional Sensitive Receptors: None.</p>		

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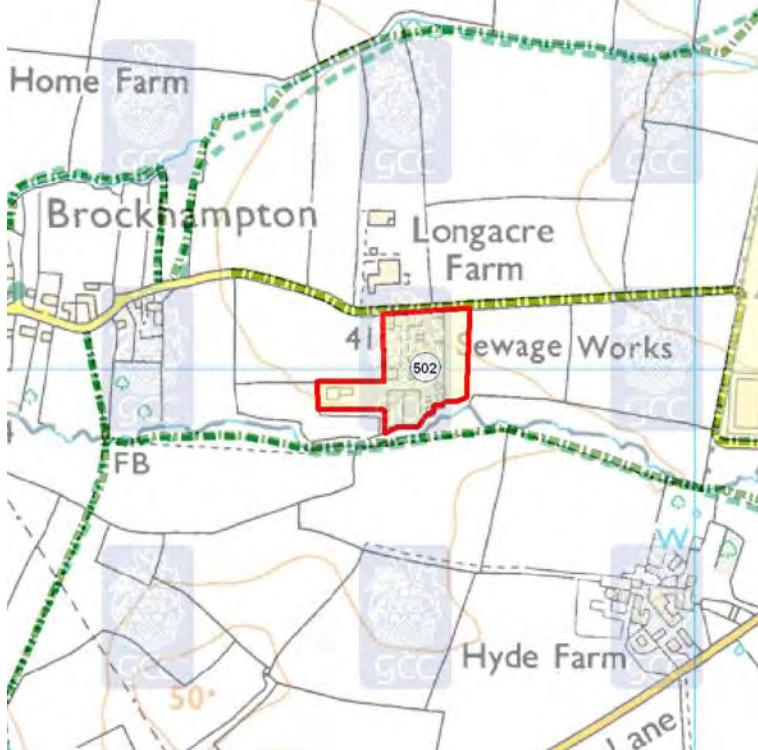
### Site Assessment Factors/Criteria for Consideration

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	Vale of Gloucester, Settled Unwooded Vale.

Green Belt	
Comments	The site lies upon previously developed land within Gloucester/Cheltenham Greenbelt.

<b>Highways</b> <i>(Based on information provided by Gloucestershire County Council's Highways Development Co-ordination team)</i>			
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>	u/c, A435		
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>	Low	Definition	Access via other roads (not involving trips through AONB).
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>	Low	Definition	Site is located some distance from residential areas, and has limited scope for non-car access.
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>	Not good road access.		
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>	Not Take Forward	Definition	Consider that site has no potential in transport terms and recommend it is not considered further. In general terms the Not Take Forward category will comprise those sites with a Low or Poor answer for Strategic Highway Access and a Low score for Sustainable Transport, although the overall view for each site will also depend on other relevant local factors.

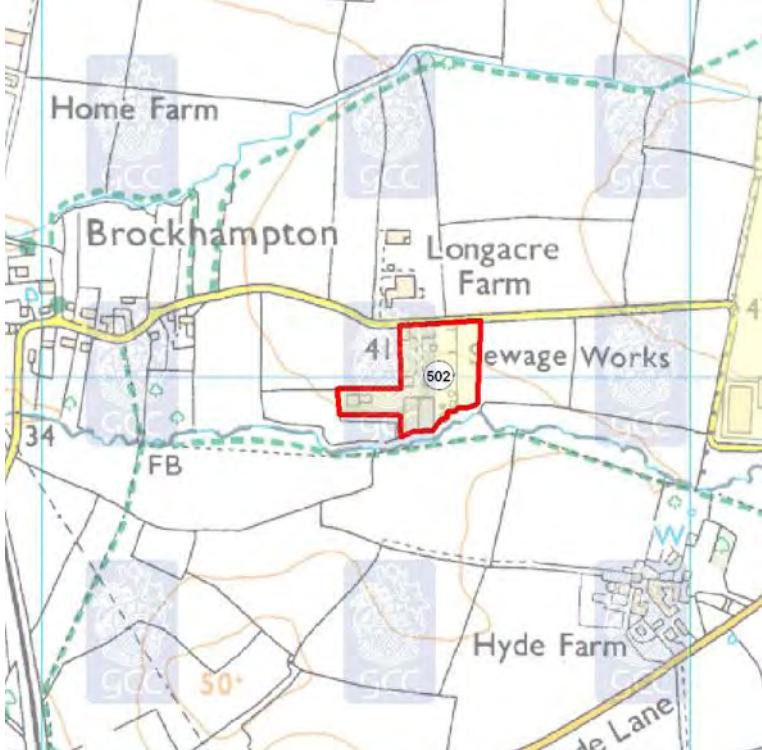
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Public Rights of Way (Based on information provided by Gloucestershire County Council's Public Rights of Way (PRoW) team)	
Score	0
Score Definition	Presence of Public Rights of Way network but no re-routing required.
Additional Comments	No diversion necessary - No enhancements likely.
Map Legend	 <b>Public Right of Way</b>
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 within the Gloucestershire Airport zone for - All buildings, structures, erections and works exceeding 90 metres in height (295.3 feet) plus all applications involving major tree planting schemes, mineral extraction or quarrying, a refuse tip, a reservoir, a sewage disposal works, a nature reserve or a bird sanctuary and all applications connected with an aviation use.
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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<b>Ecology/Biodiversity</b> <i>(Based on information provided by Gloucestershire County Council's Ecologist and the Gloucestershire Centre for Environmental Records (GCER))</i>	
Score	+
Score Definition	Overall impact on biodiversity could be potentially uncertain or positive. Identified important ecological constraint greater than 250 metres and up to and including 1km 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	 <ul style="list-style-type: none"> <li> SSSI Site of Special Scientific Interest</li> <li> Key Wildlife Site - area</li> <li> SAC Site</li> <li> Ramsar Site</li> <li> SPA Site</li> </ul>
Constraints Map	 <p>The map shows the location of Site 502 (highlighted in red) within the Brockhampton area. The site is situated near a sewage works and is surrounded by various agricultural farms: Home Farm, Longacre Farm, and Hyde Farm. The map also includes contour lines, roads, and other geographical features. The site number 502 is marked on the map, and the year 2008 is visible in the bottom right corner of the map area.</p>

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<b>Geodiversity</b> <i>(Based on information provided by the Gloucestershire Geology Trust at the Geological Records Centre)</i>	
Comments	There were no recorded geological features on the site or within 250m of its boundary.

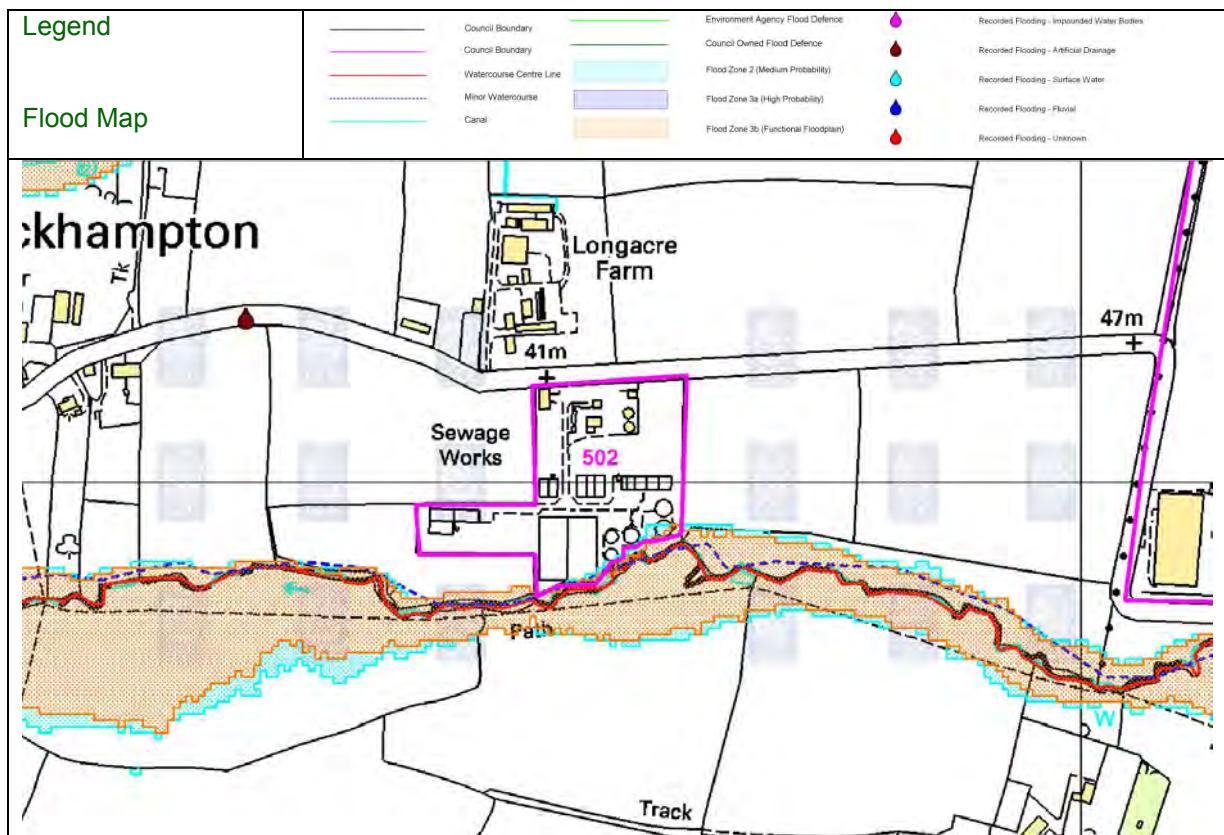
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Archaeology and the Historic Environment <i>(Based on information provided by Gloucestershire County Council's Archaeology team)</i>	
Score	++
Score Definition	<p>The site fulfils one or more of the following:-</p> <ul style="list-style-type: none"> <li>* No known historical or archaeological remains</li> <li>* Has no known archaeological potential</li> <li>* Previous development is known to have removed archaeological deposits from all or part of the site</li> </ul>
Additional Comments	No Known archaeology on the site, although this could survive in undeveloped areas.

Contaminated Land <i>(Based on information provided by the appropriate district council)</i>	
Comment	The site is not classified as "Contaminated Land" under Section 2a of the Environmental Protection Act 1990, nor have Tewkesbury Borough Council identified the site as a site of concern.

Flood Risk <i>(Based on information provided by Halcrow)</i>	
Site Description	Site lies predominantly in Flood Zone 1. The Hyde Brook flows in a westerly direction parallel to the southern boundary of the site. Flood Zone 2 marginally affects the southern extent of the site with Flood Zones 3a and 3b affecting only a small part of the south eastern corner.
Watercourse(s)	Hyde Brook
Flood Zone	1 and 2
Flood Zone Information (Method used to derive Flood Zones & Confidence in Flood Zone information)	JFLOW modelled outlines. Low confidence in flood outlines. Flood Zone 3a has been used to represent Flood Zone 3b.
Fluvial Flood Risk Posed to Site (including climate change)	Only a small part of the site is affected by Flood Zone 2. It is unclear how climate change will affect the site. The levels and extent of the Climate Change situation should be verified by a FRA.
Historic Flooding/Flooding From Other Sources	No records of historical 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.
Flood Defences (Location/Type/SoP/Residual Risk)	No defences are known to exist in the site.
Culverts (Location/Type/Watercourse/Residual Risk)	No culverts are known to exist in the site.
Score	+
Score Definition	Site is mainly in Flood Zone 1 but affected by Flood Zones 2, 3a and 3b.
Additional Comments	None.

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### Source Protection Zones (SPZs)

Comments	N/A
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### Groundwater/Aquifer details

Comments	Site 502 is lying over a Minor Aquifer Intermediate 1.
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### 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: Severn Trent would need to be consulted as to the deliverability of the site. The site boundary would need modification to remove areas of flood risk.

PRoW: Further consultation would be required in order to assess any potential impacts upon the above mentioned areas.

Safeguarding: Gloucestershire Airport may need to provide comments on safeguarding in relation to this site. This may be difficult for them to do so without knowing a specific technology for the site.

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

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### Potential for Further Discussion within the WCS

Gloucestershire County Council's Highways Development Coordination officers recommended that the site is not considered any further within the WCS, therefore it is felt that this site should not be taken forward into the WCS.