

**Waste Core Strategy
Site Options Consultation**

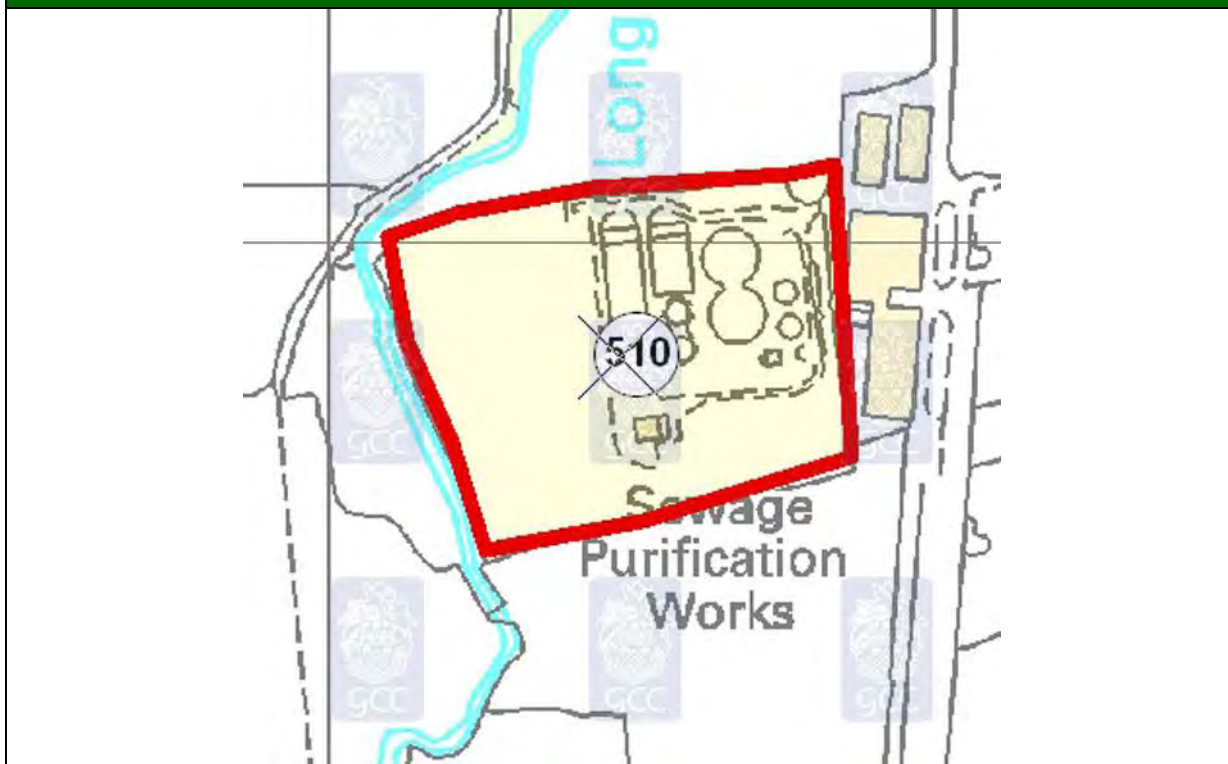
Waste Site Assessment

Appendix C.66: Site 510 - Longhope STW

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	Longhope		
Easting	369118	Northings	217958
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	15th December 2008		
Broad Description of Site (including current activities on site, location and neighbouring uses)	The site is a Sewage Treatment Works operated by Severn Trent Water. To the west of the site there is an area of open space. Running along the western boundary is Longhope Brook. The site is located at the bottom of a slope and has poor access via a narrow country lane. There is poor visibility from Velthouse Lane onto the A4136. Additional Sensitive Receptors: None.		

Site Assessment Factors/Criteria for Consideration


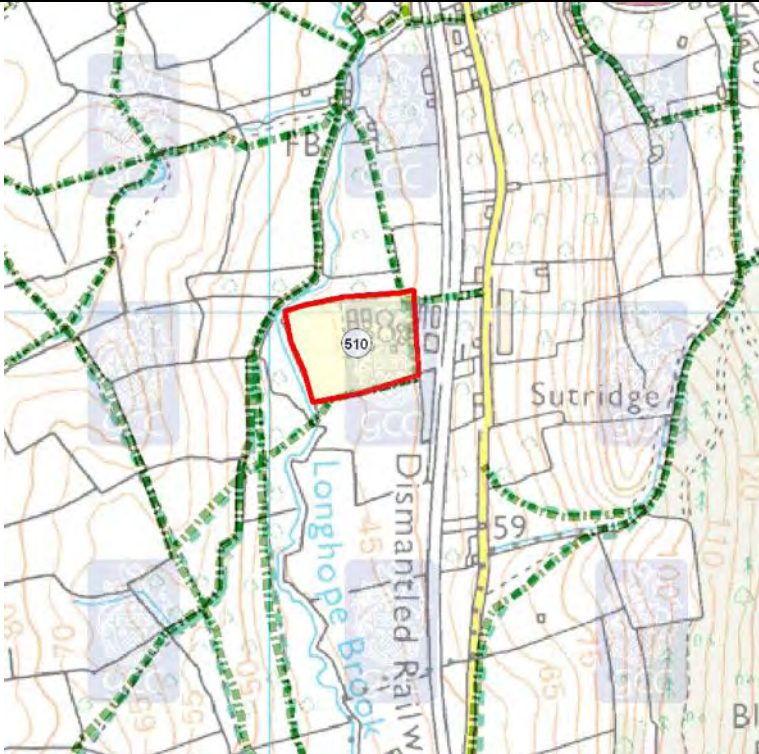
Landscape

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	Wooded Hills, May Hill & Outliers.

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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>	Velthouse La, 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>	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>	Velthouse Lane not suitable for 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.

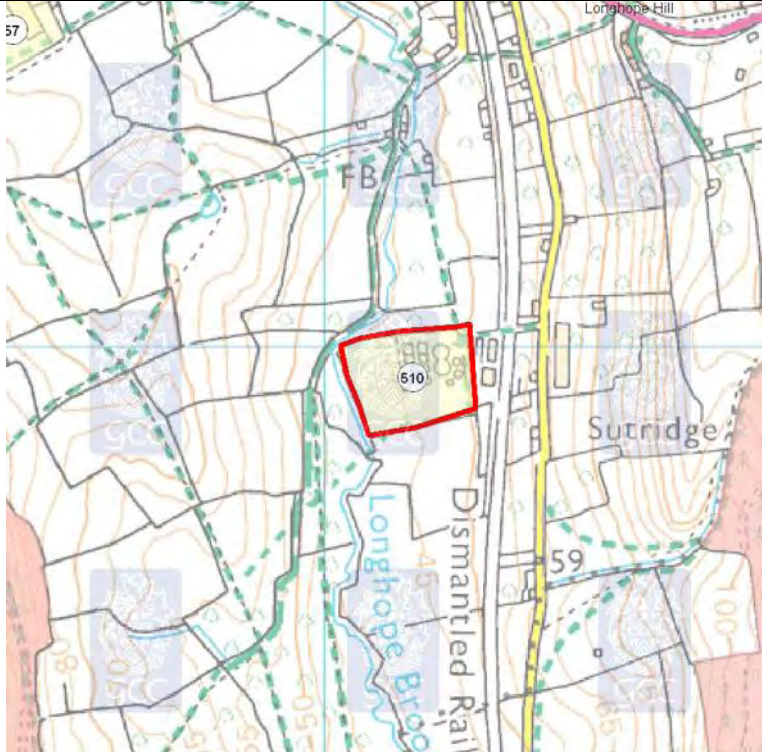
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Public Rights of Way (Based on information provided by Gloucestershire County Council's Public Rights of Way (PRoW) team)	
Score	-
Score Definition	Impact on the Public Rights of Way network with some minor re-routing required.
Additional Comments	Diversion may be necessary - Enhancements possible.
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	+
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	<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> </div>
Constraints Map	

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Geodiversity (Based on information provided by the Gloucestershire Geology Trust at the Geological Records Centre)	
Comments	There was a nearby SSSI with Geological Features recorded: Longhope Hill [485m]

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Archaeology and the Historic Environment

(Based on information provided by Gloucestershire County Council's Archaeology team)

Score	+
Score Definition	The site fulfils one or more of the following:- <ul style="list-style-type: none"> * SMR record of less archaeological significance * Known historical or archaeological remains of less significance * Is in the vicinity of less significant archaeological remains * Is within a significant historic landscape character area
Additional Comments	Contains Lidar detected feature (so6917/01) which has been interpreted as an old boundary relating to existing landscape patterns and of little archaeological potential.

Contaminated Land

(Based on information provided by the appropriate district council)

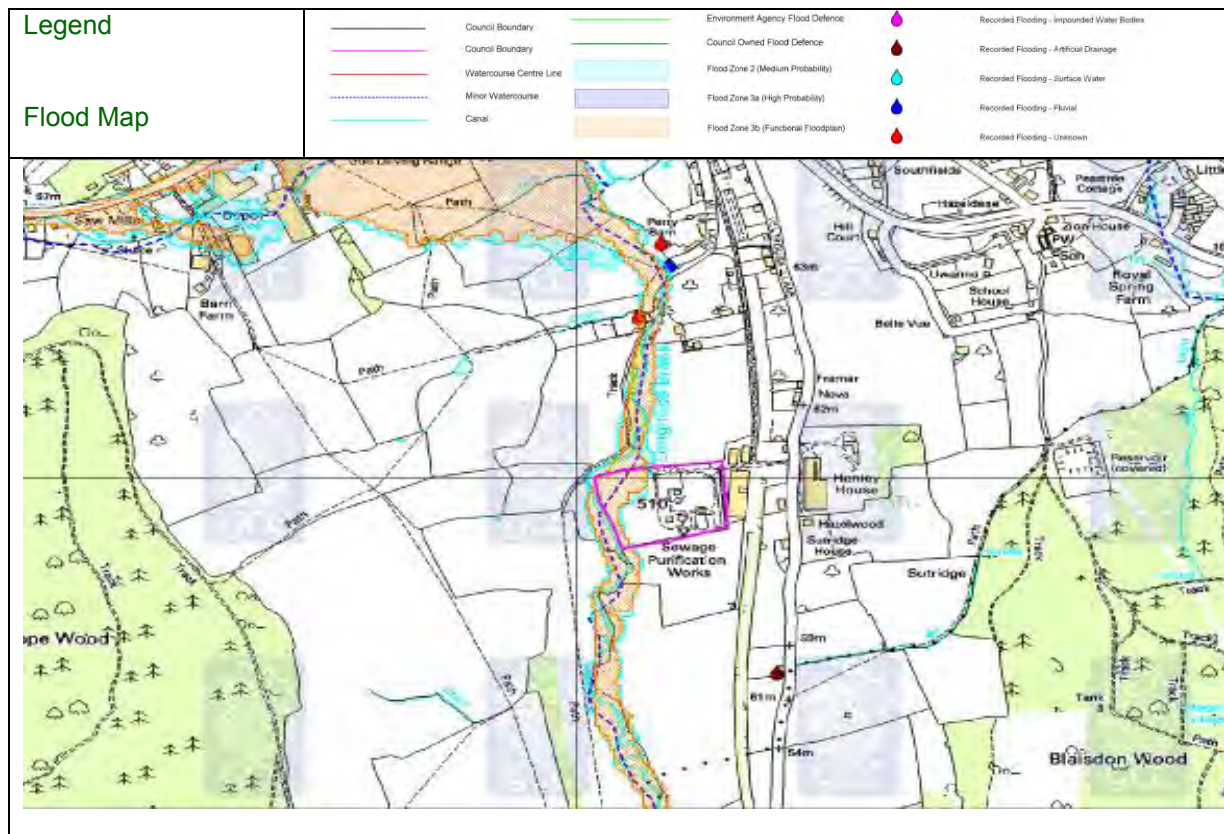
Comment	No information was made available in relation to potential contamination on this site.
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Flood Risk

(Based on information provided by Halcrow)

Site Description	Site lies predominantly in Flood Zone 1. The Longhope Brook flows around the western boundary of the site but does not enter the site itself.
Watercourse(s)	Longhope 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. The extent and depth of flooding of Flood Zones 2, 3a and 3b should be verified by a FRA. The 100 year climate change scenario is not deemed robust as it is based on the JFLOW Flood Zone 2, which appears inaccurate.
Fluvial Flood Risk Posed to Site (including climate change)	Site lies predominantly within Flood Zone 1. The western side of the site is affected by Flood Zones 2, 3a and 3b.
Historic Flooding/Flooding From Other Sources	There are no records of historic flooding or flooding from sources including groundwater and surface water have not been recorded on the site.
Canals (Raised - breach/overlapping)	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 510 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.

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

Contaminated Land: Further investigative work may be required.

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 unless circumstances were to change then this site would not be taken forward into the WCS.