

Mineral Site CL-01: Old Brickworks Farm, Bletchington

Job Title
Figure Title

District: Cherwell DC
Parish: Bletchington CP

Total Area: 4.45 Ha

	Ha	%
Area in Flood Zone 1	4.45	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER
The River Cherwell flows south east approximately 1.5km to the south west of the site. A collection of streams and rivers including the Staplehurst Stream, Gallos Brook, Toll Brook and Chipping Farm Stream flow from north to south approximately 1.25km east of the site. These watercourses flow south to meet the River Cherwell. The Oxford Canal flows from north to south approximately 3km to the west of the site.

FLOOD RECORDS
There are records of flooding on the site, possibly from a small waterbody on the edge of the site or surface / ground water flooding.

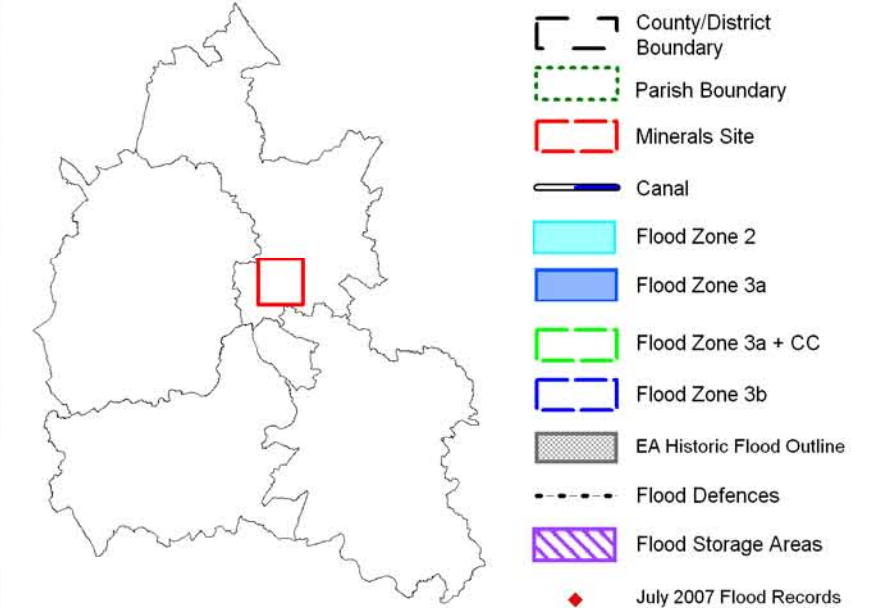
Historic records of flooding from the River Cherwell extend towards the site around Hampton Gay and Poyle. There are records of 10 - 20 properties experiencing flooding from the River Cherwell during summer 2007 on the outskirts of Kidlington and Islip.

Thames Water has records of properties experiencing flooding from sewers in the Kidlington area in the last 10 years.

NB: the surface water modelling for the 1 in 100 year storm has only been undertaken for SODC and VVHDC as part of their combined SFRA.

HAMPTON GAY AND POYLE CP

Location Overview



Sewer Flooding Incidents		Surface Water Flooding	
1 in 100 year: Max depth [m]		1 in 100 year: Max depth [m]	
0 to 0	0.0 - 0.1	0.5 - 0.6	0.7 - 0.8
1 to 2	0.1 - 0.2	0.6 - 0.7	0.8 - 5.0
3 to 4	0.2 - 0.3	0.3 - 0.4	
5 to 8	0.3 - 0.4	0.4 - 0.5	
9 to 11	0.4 - 0.5		

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Drawing Number: **D126605 / CL-01**

Drawn: SL	Approved: EB	Date: 09/10	Scale @ A3: 1:10,000
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South Oxfordshire District Council
Oxford City Council
Vale of White Horse

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