Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SR-01/245: Challow Marsh Farm, East Challow

<table>
<thead>
<tr>
<th>Source</th>
<th>Value or White Horse EC</th>
</tr>
</thead>
<tbody>
<tr>
<td>District</td>
<td>East Challow CP</td>
</tr>
<tr>
<td>Total Area</td>
<td>1.67 Ha</td>
</tr>
</tbody>
</table>

| Area in Flood Zone 1 | 1.67 |
| Area in Flood Zone 2 | 0.00 |
| Area in Flood Zone 3a with Climate Change | 0.00 |
| Area in Flood Zone 3b | 0.00 |

MASS RISKS:
The Chilney Brook flows south to north approximately 0.5 km west of the site.

FLOOD RECORDS:
There are historic records of flood flooding in Denchworth to the north of this site.

Modelling of the 1 in 100 year storm event as part of the WOEC & SEDD Floodplain Risk Assessment of East Challow, west east of the site to be at risk of surface water flooding.

There are no reported incidents of groundwater flooding in this area.
Mineral Site SR-07/002: Chilton Waste, Didcot

District: Vale of White Horse DC
Parish: Upton CP

Total Area: 9.63 Ha

<table>
<thead>
<tr>
<th>Zone/Change</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Flood Zone 1</td>
<td>0.85</td>
<td>9.1</td>
</tr>
<tr>
<td>In Flood Zone 2</td>
<td>0.00</td>
<td>0.0</td>
</tr>
<tr>
<td>In Flood Zone 3a with Climate Change</td>
<td>0.00</td>
<td>0.0</td>
</tr>
<tr>
<td>In Flood Zone 3b</td>
<td>0.00</td>
<td>0.0</td>
</tr>
<tr>
<td>In Flood Zone 3c</td>
<td>0.63</td>
<td>6.5</td>
</tr>
</tbody>
</table>

MAIN RIVER:
A drain passes from west to east along the northern edge of the site to join the West Hagbourne Stream in Upton.

FLOOD RECORDS:
There are no recorded incidents of flooding in the vicinity of the site.
MAIN RIVER
The Hollywell Brook (ordinary watercourse) flows north west to south east, approximately 0.7km north of the site. It flows to join the River Ock further south, which is an EA designated main river.

FLOOD RECORDS
There are no recorded incidents of recent flooding in the vicinity of the site.

Modelling of the 1 in 10 year storm event, undertaken as part of the OCBF & WABIC SRFA identifies parts of Faringdon, immediately to the north of the site, to be at risk of surface water flooding.

County/District Boundary
Parish Boundary
Minerals Site
Canal
Flood Zone 2
Flood Zone 3a
Flood Zone 3b
Flood Zone 3c + CC
EA-Heritage Flood Outline
Flood Defences
Flood Storage Areas
July 2007 Flood Records
Groundwater Flooding
EA Main Rivers

Cowell Flooding INCHES Surface Water Flooding
0 to 0.5
0.5 to 1
1 to 2
2 to 4
4 to 6
6 to 8
8 to 11

D126065 / SR-08/020A
Plan Scale 1:2500

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Oxfordshire County Council, Minerals & Waste SRFA

Mineral Site SR-08/020A: Wicklesham Quarry, Faringdon

District: Vale of White Horse DC
Parish: Great Faringdon CP
Total Area: 1.65 Ha

Area in Flood Zone 1: 1.65
Area in Flood Zone 2: 0.00
Area in Flood Zone 3a with Climate Change: 0.00
Area in Flood Zone 3b: 0.00
Area in Flood Zone 3c: 0.00

% Ha
100
0
0
0
0
0

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Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SR-09/118: Tubney Wood Quarry, Besselsleigh

District: Vale of White Horse
Parish: Pyfield and Tynны CP
Total Area: 16.89 Ha

Area in Flood Zone 1: 16.89 Ha 100%
Area in Flood Zone 2: 0.00 Ha 0%
Area in Flood Zone 3a: 0.00 Ha 0%
Area in Flood Zone 3b: 0.00 Ha 0%

MAIN RIVER
The Thames flows north to south approximately 0.5km to the west of the site and the Sandford Brook flows north to south approximately 1km to the west of the site. These watercourses flow south to join the Upper Thames watercourse.

FLOOD RECORDS
25-50 properties are recorded to have experienced flooding in Appleton, west of the site, as a result of flood events associated with the Thames. Floods are also recorded of surface water events.

Thames Water has records of properties experiencing flooding from surface water in the area covering Wraysbury, Berkshire, and South Buckinghamshire to the north of the site, in the last 10 years.
Mineral Site SR-23/006: Childrey Quarry, Childrey

District: Vale of White Horse DC
Parish: West Challow CP

Total Area: 5.11 Ha

Area in Flood Zone 1: 0.71 Ha (100%)
Area in Flood Zone 2: 0.00 Ha
Area in Flood Zone 3a: 0.00 Ha
Area in Flood Zone 3b: 0.00 Ha
Area in Flood Zone 3c: 0.00 Ha
Area in Flood Zone 3d: 0.00 Ha

MAIN RIVER:
The Letcombe Stream and associated drainage channels are located 0.5km south of the site in Letcombe Regis.

FLOOD RECORDS:
3 properties in Letcombe Regis are recorded to have experienced flooding as a result of surcharging surface water systems.
Modelling of the 1 in 100 year event as part of the SGDCC & WWDC SFRA identifies parts of West Challow and Westcote to be at risk of surface water flooding.

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Scott Wilson UK Limited

Project: Oxfordshire County Council, Minerals & Waste SFRA

D12665 / SR-23/006

Scale: 1:10,000
Date: 04/10

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