Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SS-01: Tubworth Barn, Tubney

District: Vale of White Horse DC
Parish: Pyfield and Tubney CP

Total Area: 26.66 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>26.66</td>
</tr>
<tr>
<td>2</td>
<td>0.3</td>
</tr>
<tr>
<td>Zone 3a with Climate Change</td>
<td>0.00</td>
</tr>
<tr>
<td>Zone 3b</td>
<td>0.00</td>
</tr>
<tr>
<td>Zone 3c</td>
<td>3.4</td>
</tr>
</tbody>
</table>

MAIN RIVER

The Marham Brook flows north to south around the edge of this site. The Sandford Brook is located approximately 3.2km east of the site.

FLOOD RECORDS

There are records of cereal flooding from the Marham Brook south of the site, on the edge of Pyfield. 25-50 properties are recorded to have experienced flooding in Appleton, north of the site, as a result of cereal flooding associated with the Marham Brook as well as surcharging of surface water sewer systems.

Modelling of the 1 in 100 year event as part of the SCDC & KHHMC SFRA identifies parts of Kingston Bagpuize, used as the site, are susceptible to surface water flooding.

There are no recorded incidents of groundwater flooding in this area.

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D129605 / SS-01

Scott Wilson

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Mineral Site SS-03: Southern extension to Hatford site

District: Vale of White Horse DC
Parish: Stanford in the Vale CP

Total Area: 42.33 Ha

<table>
<thead>
<tr>
<th>Area</th>
<th>Ha</th>
<th>%</th>
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</thead>
<tbody>
<tr>
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<td>41.98</td>
<td>98.7</td>
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<td>Area in Flood Zone 2</td>
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<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>1.27</td>
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</tr>
<tr>
<td>Area in Flood Zone 3c</td>
<td>0.00</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN RIVER
The Fosse Brook flows west to east along the northern edge of the site. This watercourse is a tributary of the River Cuck, and flows to the west of the site. The Greatford Brook flows east to west, almost parallel to the north edge of the site. The floods to the east of the site.

FLOOD RECORDS
There are records of a property on the edge of Stanford in the Vale experiencing minor flooding from the Fosse Brook.

There are records of flooding from the Greatford Brook to the east of the site.

The 1 in 100 year event is part of the SOCC & WADOC SFRA (SAFRA) parts of the site as well as surface water flooding.

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The map is generated by Scott Wilson with the use of Ordnance Survey data for the production of Mineral Site SS-03

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Page C-67
Mineral Site SS-04: Land at Pinewoods Rd

**District:** Vale of White Horse DC  
**Parish:** Longworth CP

**Total Area:** 27.72 Ha  
**Hm** | **%**  
---|---  
Area in Flood Zone 1 | 27.72 | 100  
Area in Flood Zone 2 | 0.00 | 0  
Area in Flood Zone 3a with Climate Change | 0.00 | 0  
Area in Flood Zone 3b | 0.00 | 0  
Area in Flood Zone 3c | 0.00 | 0

**MAIN RIVER**  
The Cholbury Brook flows west to west to approximately 2.3km south of the site and the Upper Thames watercourse is located approximately 2.5km north of the site.

**FLOOD RECORDS**  
Land to the north of the site has historically experienced flooding associated with the Upper Thames watercourse, as well as land to the south around the Cholbury Brook and the River OX.

Modeling of the 1 in 100 year olive event as part of the SOCC & WVFCC SFRA identifies the south of the site, as well as parts of Longworth and Kingston Bagpuize, to be at risk of surface water flooding.

There are no recorded incidents of sewer or groundwater flooding in the vicinity of the site.

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**Legend:**  
- County/District Boundary  
- Parish Boundary  
- Minerals Site  
- Canal  
- Flood Zone 2  
- Flood Zone 3a  
- Flood Zone 3a + CC  
- Flood Zone 3b  
- EA Halters Flood Outline  
- Flood Defences  
- Flood Storage Areas  
- July 2007 Flood Records  
- Groundwater Flooding  
- EA Main Rivers
Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SS-05: Land at Kingston Bagpuize

District: Vale of White Horse DC
Parish: Frilford CP

Total Area: 31.24 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone</th>
<th>31.24</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 2</td>
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<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.00</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN RIVER
The River Ock flows west approximately 0.6km south of the site and a tributary of the River Ock flows north to south approximately 0.6km to the north west of the site.

FLOOD RECORDS
There are records of flooding immediately adjacent to the sites.

Modelling of the 1 in 100 year storm event as part of the SCDC & WWA/DC SFRA identifies parts of Kingston Bagpuize, west of the site, to be at risk of surface water flooding.

There are no recorded incidents of surface flooding at the vicinity of the site.

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Scott Wilson

D126605 / SS-05

Survey: 1:2500

June 2017 Flood Records

Surface Water Flooding

Groundwater Flooding

EA Main Rivers

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Mineral Site SS-07: Horne Farm, Shellingford

District: Vale of White Horse DC
Parish: Shellingford CP

Total Area: 3A 7.92 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone 1</th>
<th>3A 7.92</th>
<th>100</th>
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</thead>
<tbody>
<tr>
<td>Area in Flood Zone 2</td>
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</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
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<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN FLOW: The炀Prograsse Stream flows west to east approximately 3.5 km north of the site. Another watercourse is located approximately 0.5 km south of the site and flows south from Pattleton to join the River Ouse.

FLOOD RECORDS & DATA: There are records of flooding along the River Ouse floodplain.

Modelling of the 1 in 100 year flood as part of the ODCC & W&DCC SFRA identifies Pattleton and Stanford in the Vale at risk of surface water flooding.

There are no recorded incidents of groundwater flooding in this area.

Legend:
- County/District Boundary
- Parish Boundary
- Minerals Site
- Canal
- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3a + CC
- Flood Zone 3b
- EA Historic Flood Outline
- Flood Defences
- Flood Storage Areas
- July 2017 Flood Records
- Surface Water Flooding
- Groundwater Flooding
- EA Main Rivers

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Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SS-08: Shellingford Quarry

District: Vale of White Horse DC
Parish: Shellingford CP & Stanford in the Vale CP

Total Area: 47.85 Ha

<table>
<thead>
<tr>
<th>Area Description</th>
<th>Ha</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>Area in Flood Zone 2</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
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<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.00</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN RIVER:
The River Ock flows west approximately 1km south of the site. Another small watercourse is located approximately 0.5km west of the site, which then flows along the south of the site.

FLOOD RECORDS & DATA:
There are records of flooding along the River Ock floodplain.

Modelling of the 1 in 100 year flood as part of the SCDC & VWNDC SFRA identifies Filtington and Stanford in the Vale at risk of surface water flooding.

There are no recorded incidents of groundwater flooding in this area.
Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SS-12: Land at Chinnham Farm, Faringdon

District: Vale of White Horse DC
Parish: Stanford in the Vale CP

Total Area: 18.73 Ha

<table>
<thead>
<tr>
<th>Zone</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
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</tr>
<tr>
<td>Area in Flood Zone 2</td>
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<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3c</td>
<td>0.00</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN RIVER:
The River Windrush flows west just north of the site. Another watercourse is located approximately 1.2 km to the south west of the site and flows south from Faringdon to join the River CIRE.

FLOOD RECORDS & DATA:
There are records of flooding along the River Crick floodplain.

Modelling of the 1 in 100 year floods as part of the ODIC & VWHDC SFRA identifies Faringdon and Stanford in the Vale at risk of surface water flooding.

There are no recorded incidents of groundwater flooding in this area.
Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SS-13: Upwood Park, Besselsleigh

District: Vale of White Horse DC
Parish: Marsham CP

Total Area: 23.01 Ha

<table>
<thead>
<tr>
<th>Flood Zone 1</th>
<th>Flood Zone 2</th>
<th>Flood Zone 3a</th>
<th>Flood Zone 3b</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.01</td>
<td>0.11</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Ma %

100 0 0

MAIN RIVER
The Manor Farm Brook flows north to south approximately 1.5km to the west of the site and the Sandford Brook flows north to south approximately 0.7km to the east of the site. These watercourses flow south to join River OL.

FLOOD RECORDS
25-30 properties are recorded to have experienced flooding in Appleton, west of the site, as a result of flood risk associated with the Manor Farm Brook as well as overflowing of surface water sewers.

Thames Water has records of properties experiencing flooding from sewers in the area covering Windsor, Eton, and South Eton to the north of the site, in the last 10 years.

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Mineral Site SS-14: Quarry Field, Frilford

**District:** Vale of White Horse DC  
**Parish:** Frilford CP

**Total Area:** 33.8 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1</td>
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</tr>
<tr>
<td>Zone 2</td>
<td>0.04</td>
</tr>
<tr>
<td>Zone 3a with Climate Change</td>
<td>0.00</td>
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<tr>
<td>Zone 3b</td>
<td>0.00</td>
</tr>
<tr>
<td>Zone 3</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**MAIN RIVER**

Site SS-14 is located to the north of the River Cuck. The site is defined as lying within Flood Zone 1, with an annual probability of 0.1% (1 in 1000 year event).

**FLOOD RECORDS & DATA**

There are historic records of flooding along this river corridor.

A number of surface water flooding incidents have been recorded in Frilford north of the site, and at the pub south east of the site.

There are no reported incidents of groundwater flooding in this area.

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