Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SG-53: Land North of Didcot Perimeter Road

District: Vale of White Horse DC
Parish: Appleford-On-Thames CP

Total Area: 28.4 Ha

<table>
<thead>
<tr>
<th>Area Description</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 1</td>
<td>26.4</td>
<td>100</td>
</tr>
<tr>
<td>Area in Flood Zone 2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3c</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

MAIN RIVER
The most Ditch flows south west to north east approximately 0.5 km east of the site at the closest point. The Upper Thames flows west to east approximately 2.3 km north of the site.

FLOOD RECORDS & DATA
Modelling of the 1 in 100 year flood event undertaken as part of the SOCC & WANDC SFRA identifies parts of Didcot, west of the site, and parts of Sutton Courtenay, north of the site, as susceptible to surface water flooding.

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

Legend:
- County/District Boundary
- Parish Boundary
- Minerals Site
- Canal
- Flood Zone 1
- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3b
- EA Heritage Flood Outline
- Flood Defences
- Flood Storage Areas
- July 2007 Flood Records
- Groundwater Flooding
- EA Main Rivers

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D106605 / SG-53

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Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SG-56, Thrupp Lane, Radley

District: Vale of White Horse DC
Parish: Radley CP
Total Area: 8.23 Ha

<table>
<thead>
<tr>
<th>Zone</th>
<th>Area</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 1</td>
<td>0.4</td>
<td>4.9</td>
<td></td>
</tr>
<tr>
<td>Area in Flood Zone 2</td>
<td>7.63</td>
<td>92.5</td>
<td></td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
<td>0.03</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.1</td>
<td>1.9</td>
<td></td>
</tr>
<tr>
<td>Area in Flood Zone 3c</td>
<td>0.05</td>
<td>0.6</td>
<td></td>
</tr>
</tbody>
</table>

MAIL ROUTE:
The Radley Brook is located approximately 0.1 km to the east of the site, and joins the River Thames running along south of the site. In addition, the Upper Thames is located approximately 0.1 km south of the site. There is a paved east of the site which is used as a Flood Storage Area and is partly maintained.

FLOOD RECORDS & DATA:
The site lies within the historical flood outline associated with the River Thames. 100-200 houses in Alderton are reported as experiencing flooding from the River Thames and from which the Upper Thames upstream from the site.

Modelling of the 1 in 100 year storm event, undertaken as part of the GSO & VWSCC SFRA identifies large parts of Peachcroft, Lower Radley and Alderton as susceptible to surface water flooding.

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

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D126605 / SG-56

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**Mineral Site SG-57: New Barn Farm, Cholsey**

**District:** South Oxfordshire DC  
**Parish:** Cholsey CP

**Total Area:** 12.4 Ha

<table>
<thead>
<tr>
<th>Area</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 1</td>
<td>7.85</td>
<td>63.4</td>
</tr>
<tr>
<td>Area in Flood Zone 2</td>
<td>2.09</td>
<td>16.1</td>
</tr>
<tr>
<td>Area in Flood Zone 3b with Climate Change</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3a</td>
<td>0.01</td>
<td>0</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>2.54</td>
<td>20.5</td>
</tr>
</tbody>
</table>

**MAIN RIVER:**
The Cholsey Brook flows through the site and the Holcot Brook north west to south east approximately 0.5 km north of the site. Both these watercourses join the Thames river north of the site.

**FLOOD RECORDS & DATA:**
Part of the site lies within Flood Zone 3a and is recorded to have flooded in this past. There are records of 5-10 properties experiencing flooding from the Upper Thames in Wallingford.

Modeling of the 1 in 100 year storm event, as part of the SCDC & VWHC SFRA, identifies that parts of Wallingford and Cholsey are at risk of surface water flooding.

Thames Water has records of severe flooding in Wallingford and Cholsey in the last ten years.

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

Mineral Site SG-58: Chessilton Farm, Clanfield

District: West Oxfordshire DC
Peten: Alresford CP & Clanfield CP

Total Area: 115.6 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone 1</th>
<th>Area in Flood Zone 2</th>
<th>Area in Flood Zone 3a with Climate Change</th>
<th>Area in Flood Zone 3b</th>
</tr>
</thead>
<tbody>
<tr>
<td>112.94</td>
<td>0.01</td>
<td>19.17</td>
<td>3.06</td>
</tr>
</tbody>
</table>

Ha |
---|
112.94 |
0.01 |
19.17 |
3.06 |

MAIN RIVER:
The Broadwell Brook flows north to south approximately 0.5km west of the site. The Chessilton Brook flows north to south through the site to join the Broadwell Brook and subsequently the Radcot Cut.

FLOOD RECORDS & DATA:
Land in the west and south of the site is within the historic flood outline associated with the Radcot Cut and Broadwell Brook. 520 properties in Clanfield are recorded to have experienced flooding from the Chessilton Brook.

Thames Water has records of properties experiencing sewer flooding in the local area during the last 10 years.

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

Legend:

- County/District Boundary
- Parish Boundary
- Minerals Site
- Canal
- Flood Zone 1
- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3a + CC
- Flood Zone 3b
- EA Historic Flood Outline
- Flood Defences
- Flood Storage Areas
- Groundwater Flooding
- July 2007 Flood Records
- EA Main Rivers
Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SG-56a, Manor Farm, Clanfield

District: West Oxfordshire DC
Parish: Black Bourton CP & Sibton CP

Total Area: 194.8 Ha

<table>
<thead>
<tr>
<th>Area in Flood Zone</th>
<th>Ha</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Zone 1</td>
<td>129.94</td>
<td>66.5</td>
</tr>
<tr>
<td>Flood Zone 2</td>
<td>0.04</td>
<td>0.0</td>
</tr>
<tr>
<td>Flood Zone 3a with Climate Change</td>
<td>93.17</td>
<td>5.2</td>
</tr>
<tr>
<td>Flood Zone 3b</td>
<td>0.00</td>
<td>0.0</td>
</tr>
<tr>
<td>Flood Zone 3c</td>
<td>55.50</td>
<td>28.5</td>
</tr>
</tbody>
</table>

MAIN ROVER:
The Black Bourton Brook flows north to south through the site to join the Sharney Brook and Radcot Cut approximately 2km south of the site.

FLOOD RECORDS & DATA:
Land to the south of the site lies within the historic flood outline associated with the Radcot Cut and Broadwater Brook. 10-30 properties in Clanfield are recorded to have experienced flooding from the Broadwater Brook.

Thames Water has records of properties experiencing severe flooding in the local area during the last 10 years.

NB: The surface water mapping for the 1-in-100 year storm has only been undertaken for ODCC and WAD as part of their combined SFRA.

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Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SG-61: Malins Motors, Ewelme

District: South Oxfordshire DC
Plan: Trench CP

Total Area: 9.84 ha

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

Main River:
The closest watercourse is the Ewelme Stream located approximately 2.6 km north of the site or the Upper Thames located 3.2 km west of the site.

Flood Records & Data:
The floodplain around the Upper Thames is within the historic flood outline.

Modeling of the 1 in 100 year storm event, undertaken as part of the SoCCE & VMLFCC SFRA identifies parts of Crowmarsh Gifford as susceptible to surface water flooding.

Incidents of groundwater flooding have been recorded around the settlements of Crowmarsh and Berinsfield.

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

District: South Oxfordshire DC
Plan: Trench CP

Total Area: 9.84 ha

<table>
<thead>
<tr>
<th>Area in Flood Zone</th>
<th>Area in Flood Zone 1</th>
<th>Area in Flood Zone 2</th>
<th>Area in Flood Zone 3a</th>
<th>Area in Flood Zone 3b</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>
Oxfordshire County Council, Minerals & Waste SFRA

Mineral Site SG-62: Appleford, Didcot

District: Vale of White Horse DC
Para: Appleford-on-Thames CP

Total Area: 24.07 Ha

<table>
<thead>
<tr>
<th>Area Type</th>
<th>Area (Ha)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 1</td>
<td>1.38</td>
<td>63.8</td>
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<tr>
<td>Area in Flood Zone 2</td>
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<td>15.1</td>
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<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>5.25</td>
<td>21.1</td>
</tr>
</tbody>
</table>

MAIN RIVERS:
The Upper Thames flows west to east approximately 1.5km north of the site. The Loddon Ditch and Loddon Stream flow south to north to join the Upper Thames on the east side of the site.

FLOOD RECORDS:
There are historic records of flooding along this part of the river corridor.

The River Thames has records of surface water flooding in Didcot during the last ten years.

Modelling of the 1 in 100 year event as part of the WSCC & SGCC SFRA identifies parts of Clifton Hampden, Bampton and Little Wittenham to be at risk of surface water flooding.

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