Waste Site 10: Sutton Courtenay Landfill

Main River
The Upper Thames River flows west to east across the top of the site. The Moor Ditch flows north to south approximately 500m to the south of the site; this watercourse then flows north to join the Upper Thames River. The Glege Brook flows north to west to join the Upper Thames and is located approximately 200m south of the site.

Flood Records
There are historic records of flooding along this part of the river corridor and particularly around the Ogley Ditches northwest of the site. There are no flood defences present along the part of the watercourse adjacent to the site.

Modelling of the 1 in 100-year storm event as part of the SODC & VWHDC SFRA identifies parts of Sutton Courtenay to the west of the site to be at risk of surface water flooding.

Thames Water has records of properties experiencing flooding from sewer in the District area in the last 10 years.
Waste Site 16: Glebe Farm, Hinton Waldrist

**District:** Vale of White Horse DC

**Peten:** Hinton Waldrist CP

**Total Area:** 0.62 ha

<table>
<thead>
<tr>
<th>Zone</th>
<th>Area (ha)</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td>Flood Zone 1</td>
<td>0.02</td>
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<tr>
<td>Flood Zone 2</td>
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<td>0</td>
</tr>
<tr>
<td>Flood Zone 3a</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>Flood Zone 3b</td>
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<td>0</td>
</tr>
</tbody>
</table>

**Main River:**

Land around Pusey is drained by a system of surface water drains. Water flows east and then south to join the Cherwell Brook approximately 1.5km south of the site.

**Flood Records:**

Land immediately to the south of the site has historically been affected by flooding and is included in the Environment Agency’s flood warning service.

Modelling of the 1 in 100 year flood event as part of the SCDC & Wychavon SFRA quantities parts of Waldrist and Longworth to the east of the site to be at risk of surface water flooding.

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

Waste Site 20B: Wickleisham Quarry (Landfill), Faringdon

**District:** Vale of White Horse DC  
**Parish:** Little Coxwell CP & Great Faringdon CP

Total Area: 14.0 Ha

<table>
<thead>
<tr>
<th>Zone/Change</th>
<th>Area (Ha)</th>
<th>%</th>
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</thead>
<tbody>
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<td>0</td>
</tr>
<tr>
<td>Flood Zone 3a</td>
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<td>0</td>
</tr>
<tr>
<td>Flood Zone 3b</td>
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<td>0</td>
</tr>
</tbody>
</table>

**MAIN RIVER**
The Holywell 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 fluvial flooding in the vicinity of the site.

Fluvial Modelling of the 1 in 100 year storm event, undertaken as part of the OXCRCS & VWCRCS SFRA identifies parts of Faringdon, immediately to the north of the site, to be at risk of surface water flooding.

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www.scs-consulting.com
Waste Site 42: Former Junior School (off Pioneer Road)

District: Vale of White Horse DC
Parish: Great Faringdon

Total Area: 1.75 Ha

Area in Flood Zone 1: 1.75 100%
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%

Main River:
The Holywell Brook (ordinary watercourse) flows west to west approximately 0.2km south of the site to join the River Coln, an Environment Agency designated main river.

Flood Records:
There are no recorded incidents of flood risk in the vicinity of the site.

Modelling of the 1 in 100 year storm event, undertaken as part of the OCDC & WADC SFRA, identified parts of Faringdon, surrounding the site, to be at risk of surface water flooding.

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

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Oxfordshire County Council, Minerals & Waste SFRA

Map: D129605 / 42

Date: 04/06/2015

Scale: 1:1000

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Waste Site 43: Former Highways Depot, Challow Road

District: Vale of White Horse DC
Parish: East Challow CP
Total Area: 1.02 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>1.02</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

| % | 100 | 0 | 0 | 0 |

MAIN RIVER:
The Leatcombe Brook is located approximately 50m east of the site. The Childrey Brook flows south to north and is located approximately 0.7km north of the site.

FLOOD RECORDS:
6-10 properties in Wantage are recorded to have been affected by flooding associated with the Leatcombe Brook.

Modelling of the 1 in 100 year flood event, undertaken as part of the SOCC & VVOC SFRA, identifies parts of Wantage and East Challow to be at risk of surface water flooding.

There are no recorded incidents of sewer or groundwater flooding in this area.
Waste Site 44: Land at Grove Technology Park, Grove

District: Vale of White Horse DC
Parish: East Challow CP
Total Area: 0.06 Ha

<table>
<thead>
<tr>
<th>Area</th>
<th>Hа</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area in Flood Zone 1</td>
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<tr>
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<tr>
<td>Area in Flood Zone 3a</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 RIVERS
The Chelney Brook flows south to north and is located 0.5km east of the site. The Lechlade Brook is located approximately 1.5km east of the site.

FLOOD RECORDS
No flood properties in Grove are recorded to have been affected by flooding from the Lechlade Brook.

There are records of flooding along the Chelney Brook, north of the site.

Modelling of the 1 in 100 year storm event, undertaken as part of the ODCC & VWADC SFRA, identified land west of the site around Grove to be at risk of surface water flooding.

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Scott Wilson
Agricultural and Environmental Services
2017

Groundwater flooding
Surface Water Flooding
EA Main Rivers
Flood Defences
Flood Storage Areas
EA Historic Flood Outline
Flood Records

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Groundwater flooding
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