Oxfordshire County Council, Minerals & Waste SFRA

Waste Site 232: Banbury Sewage treatment works

Detail: Cherwell DIO
Path: Banbury CP

Address:

Total Area 24.38 Ha

Area in Flood Zone 1 19.78
Area in Flood Zone 2 5.4
Area in Flood Zone Zone 3a 0.09
Area in Flood Zone Zone 3b 4.43
Area in Flood Zone Zone 3c 1.07

Ha %
19.78 77.0
5.4 2.2
0.09 0
4.43 18.2
1.07 4.4

MAIN RIVER

The River Cherwell is located 0.1km west of the site. The site lies partially within Flood Zone 3b Functional Floodplain of this watercourse which has a probability of flooding of 5% (1 in 20 year event).

In addition, the Oxford Canal is located approximately 0.4km west of the site.

FLOOD RECORDS

There are records of flood damage from the River Cherwell on the south west of the site. Surrounding areas 2 properties west of the site are recorded to have been affected by flooding from the River Cherwell.

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

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

County/District Boundary
Parish Boundary
Minerals Site
Canal
Flood Zone 2
Flood Zone 3a
Flood Zone 3a + C.C
Flood Zone 3b
EA Historic Flood Outline
Flood Defences
Flood Storage Areas
July 2007 Flood Records

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Waste Site 233: Witney Sewage treatment works, Witney

Effective Date: Water Authority (OC)

PaCC: Duddington CP

Total Area: 8.70 Ha

<table>
<thead>
<tr>
<th>Area</th>
<th>%</th>
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<tbody>
<tr>
<td>5.16</td>
<td>77.0</td>
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<tr>
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<tr>
<td>0.49</td>
<td>6.9</td>
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<tr>
<td>1.14</td>
<td>17.0</td>
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<tr>
<td>0.00</td>
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</table>

MAIN RIVER

The Colndert Brook flows west east across the north of the site to join Embrine Dyke and the River Windrush.

FLOOD RECORDS

Thames Water has records of properties affected by sever flooding in the Witney area and there are records of 50 - 100 properties in Witney affected by flooding associated with drainage issues during the July 1997 storm event.

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

MB: the surface water modelling for the 1 in 100 year storm has only been undertaken for SSDC and WWRDC as part of their combined SFRA.
Oxfordshire County Council, Minerals & Waste SFRA

Waste Site 234: Didcot sewage treatment works

- **District:** South Oxfordshire DC
- **Plan:** Didcot CP

**Total Area:** 4.92 Ha

- **Area in Flood Zone 1:** 4.02 Ha (100%)
- **Area in Flood Zone 2:** 0.04 Ha (0%)
- **Area in Flood Zone 3a with Climate Change:** 0.00 Ha (0%)
- **Area in Flood Zone 3b:** 0.00 Ha (0%)

**MAIN RIVERS:**
The Moat Ditch flows west along the northern edge of the site, and then north to join the Upper Thames approximately 3.5 km north west of the site.

**FLOOD RECORDS:**
Land to the north of the site has historically been affected by fluvial flooding associated with the Moat Ditch and the Ladbourn Ditch.

Modeling of the site over 100 years, undertaken as part of the SCDC & WODC SFRA, identifies parts of Didcot, west of the site, to be susceptible to surface water flooding.

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

There are no reported incidents of groundwater flooding in the area.
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Waste Site 236B. Dix Pit complex (controlled reclamation)

- **District:** West Oxfordshire
- **Parish:** Stanton Harcourt

**Total Area:** 5.64 Ha

- **Area in Flood Zone 1:** 5.56 Ha (100 %)
- **Area in Flood Zone 2:** 0.06 Ha (0 %)
- **Area in Flood Zone 2a with Climate Change:** 0.00 Ha (0 %)
- **Area in Flood Zone 3a:** 0.02 Ha (0 %)
- **Area in Flood Zone 3b:** 0.02 Ha (0 %)

**MAJOR RIVERS:**
- Close of the channel of the River Windsor is located approximately 0.3km west of the site.
- The Harcourt Brook is located approximately 2.3km east of the site.

**FLOOD RECORDS:**
- There are records of rural flooding along the courses of both the River Windsor and the Harcourt Brook.
- Thames Water has records of properties affected by sewer flooding in this area.
- There are no reported incidents of groundwater flooding in this area.

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

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**Legend:**
- **County/District Boundary**
- **Parish Boundary**
- **Minerals Site**
- **Canal**
- **Flood Zone 2**
- **Flood Zone 3a**
- **Flood Zone 3b**
- **Historic Flood Outline**
- **Flood Defences**
- **Flood Storage Areas**
- **Surface Water Flooding**
- **Groundwater Flooding**
- **Standard River**
- **EA Main Rivers**
- **EA Flood Warning Areas**

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**Scale:**
- **1:2500**

**Prepared by:**
Scott Wilson

**Contractor:**
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**Licence:**
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Waste Site 239: Merito Industrial Park (ASM Auto), Thame

<table>
<thead>
<tr>
<th>District</th>
<th>South Oxfordshire DC</th>
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</thead>
<tbody>
<tr>
<td>Parish</td>
<td>Thame CP</td>
</tr>
<tr>
<td>Total Area</td>
<td>3.14 Ha</td>
</tr>
<tr>
<td>Ha</td>
<td>%</td>
</tr>
<tr>
<td>Area in Flood Zone 1</td>
<td>3.14</td>
</tr>
<tr>
<td>Area in Flood Zone 2</td>
<td>0.00</td>
</tr>
<tr>
<td>Area in Flood Zone 3a with Climate Change</td>
<td>0.00</td>
</tr>
<tr>
<td>Area in Flood Zone 3b</td>
<td>0.00</td>
</tr>
</tbody>
</table>

MAIN RIVER
The River Thame is located approximately 1.2 km north of the site. The Cuttle Brook is located approximately 0.8 km west of the site.

FLOOD RECORDS
Land along the River Thame corridor to the north of the site has been affected by flooding in the past.

Modelling of the 1 in 100 year flood event, undertaken as part of the SOCCS VAMDC SFRA, identifies parts of Thame to be at risk of surface water flooding.

Thames Water has records of properties affected by severe flooding in Torry and, to the east of the site and Shabbington to the north of the site.

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

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This map was generated from DEFRA data material co-products of Catchment Dynamics at level of the Environment Agency (www.environment-agency.gov.uk) and PEARL and PEARL V2 (Environment Agency national and regional flood risk models) with Environment Agency data on land use and property characteristics. It is used here under licence No 1029234/2009. Environment Agency copyright. All rights reserved (2009)

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