

Mineral Site SR-25: Didcot 'A' Power Station, Didcot

District: Vale of White Horse DC  
Parish: Sutton Courtenay CP

Total Area: 45.87 Ha

	Ha	%
Area in Flood Zone 1	45.87	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

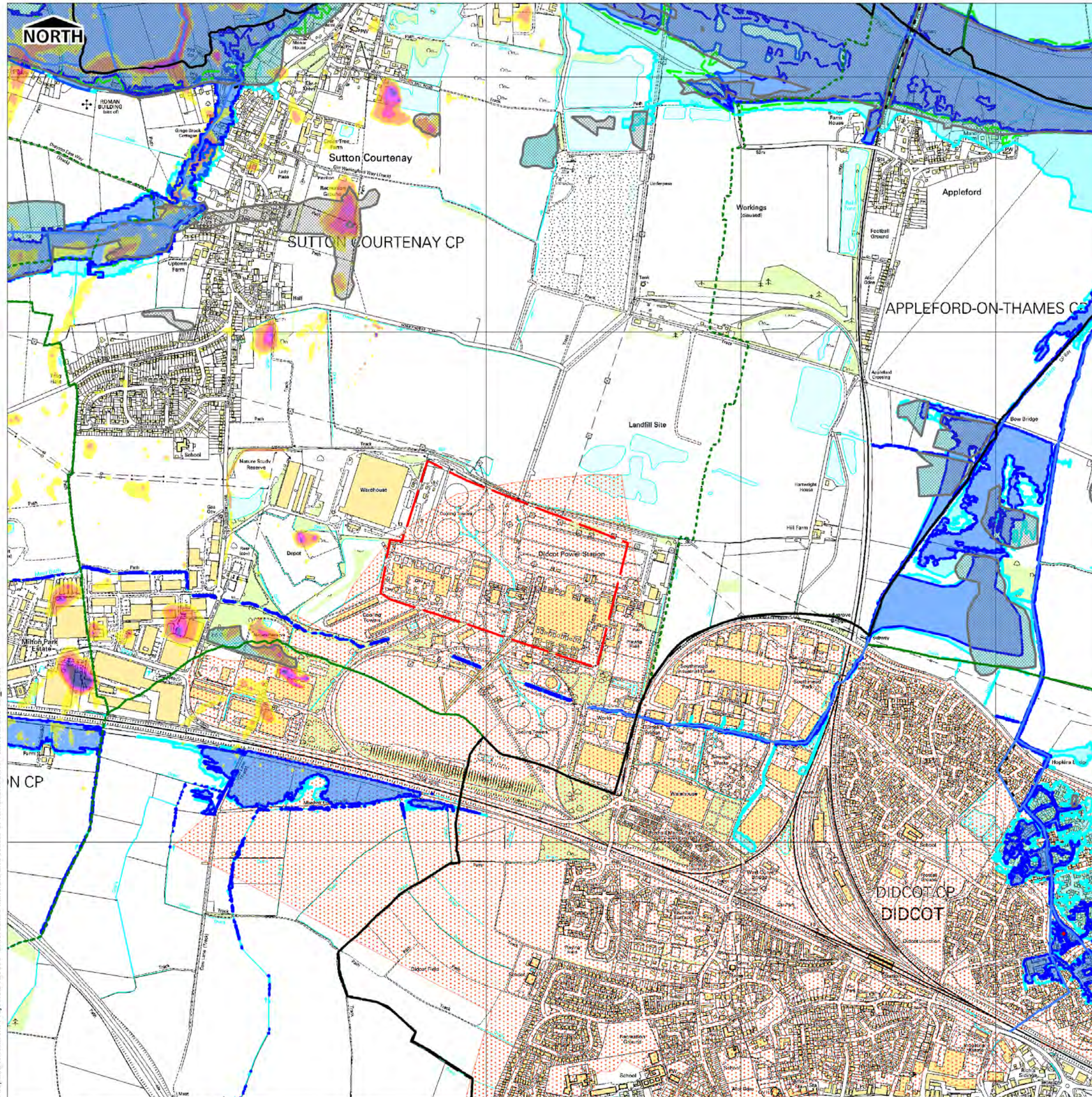
MAIN RIVER

The Moor Ditch flows west to east approximately 0.2km south of the site. The Upper Thames flows west to east approximately 2.3km north of the site.

FLOOD RECORDS & DATA

Modelling of the 1 in 100 year storm event, undertaken as part of the SODC & VVHDC SFRA identifies parts of Milton, west of the site, and parts of Sutton Courtenay, north of the site, are susceptible to surface water flooding.

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



Location Overview



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 2007 Flood Records
- Groundwater Flooding
- EA Main Rivers

Sewer Flooding Incidents	Surface Water Flooding
0 to 0	1 in 100 year Max depth [m]
1 to 2	0.0 - 0.1
3 to 4	0.1 - 0.2
5 to 8	0.2 - 0.3
9 to 11	0.3 - 0.4
	0.4 - 0.5
	0.5 - 0.6
	0.6 - 0.7
	0.7 - 0.8
	0.8 - 5.0

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Drawing Number

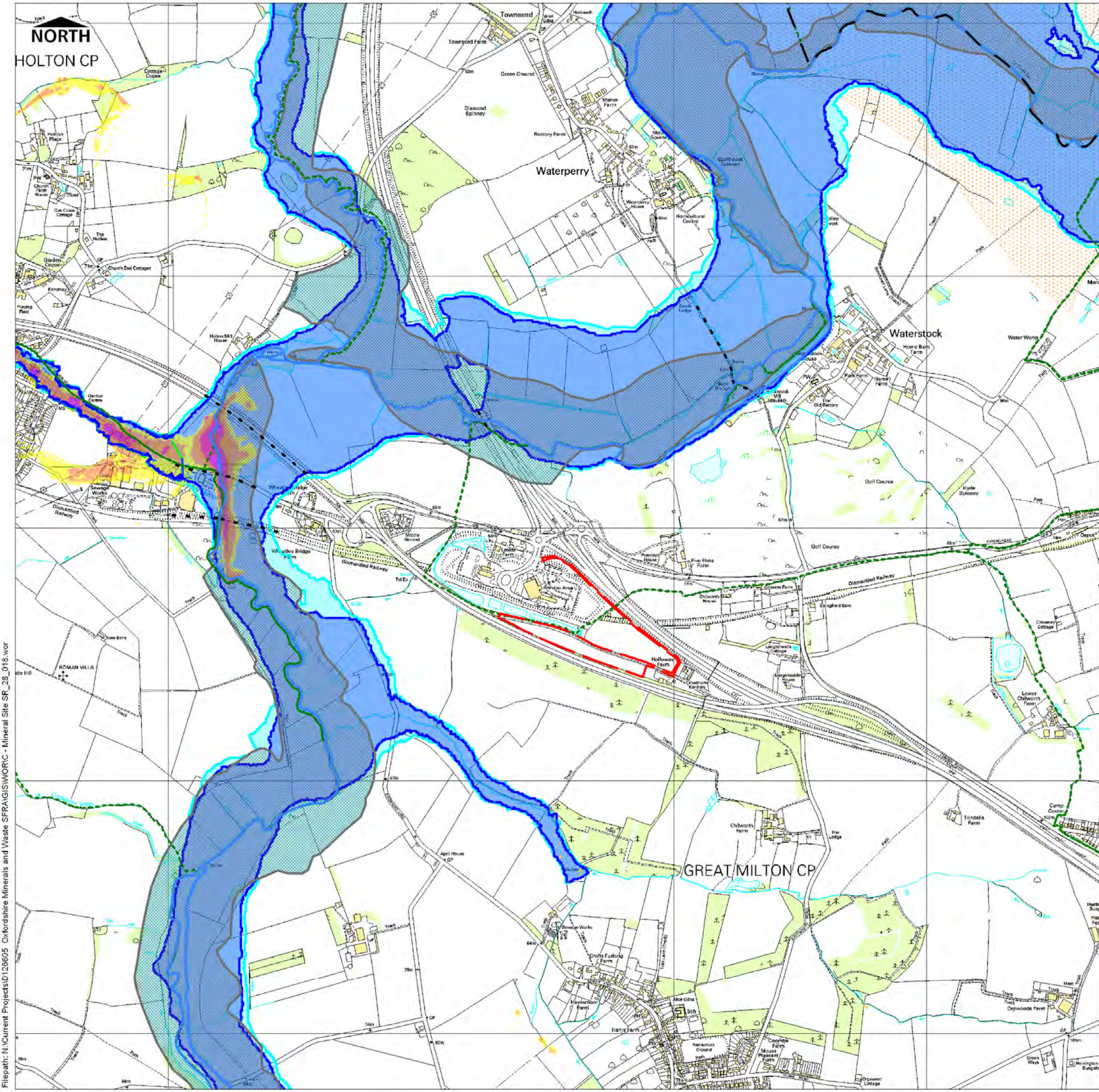
D126605 / SR-25

Drawn	Approved	Date	Scale @ A3
SL	EB	04/10	1:15,000



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Mineral Site SR-28/018: Holloway Farm, Milton Common

District: South Oxfordshire DC  
Parish: Great Milton CP & Waterstock CP

Total Area: 3.87 Ha

	Ha	%
Area in Flood Zone 1	3.87	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

**MAIN RIVER**  
The River Thames flows north to south approximately 0.5km to the north of the site and 1km west of the site.

**FLOOD RECORDS**  
There are historic records of flooding associated with the Upper Thames watercourse in the vicinity of the site.

Modelling of the 1 in 100 year storm event, undertaken as part of the SODC & VVHDC SFRA identifies Wheatley and the surrounding settlements, west of the site, as susceptible to surface water flooding.

Location Overview



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

**Sewer Flooding Incidents**

0 to 0
1 to 2
3 to 4
5 to 8
9 to 11

**Surface Water Flooding**  
1 in 100 year Max depth [m]

0.0 - 0.1	0.5 - 0.6
0.1 - 0.2	0.6 - 0.7
0.2 - 0.3	0.7 - 0.8
0.3 - 0.4	0.8 - 0.9
0.4 - 0.5	0.9 - 1.0

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Vale of White Horse  
OXFORD CITY COUNCIL  
Cherwell  
DISTRICT COUNCIL NORTH OXFORDSHIRE  
WEST OXFORDSHIRE DISTRICT COUNCIL

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Mineral Site SR-29/248: Thrupp Lane, Radley

District: Vale of White Horse DC  
Parish: Radley CP

Total Area: 1.15 Ha

	Ha	%
Area in Flood Zone 1	0.00	0
Area in Flood Zone 2	1.15	100
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER

The Radley Brook flows is located approximately 0.1km to the east of the site, and joins further channels running along south of the site. There is a gravel pit east of the site which is used as a Flood Storage Area and is privately maintained.

FLOOD RECORDS & DATA

The site lies within the historical flood outline associated with the Radley Brook. 100-200 houses in Abingdon are recorded as experiencing flooding from the Rivers Ock and Stort which join the Upper Thames upstream from the site.

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

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

Location Overview



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- EA Main Rivers

Sewer Flooding Incidents

0 to 0
1 to 2
3 to 4
5 to 8
9 to 11

Surface Water Flooding

1 in 100 year Max depth [m]	
0.0 - 0.1	0.5 - 0.6
0.1 - 0.2	0.6 - 0.7
0.2 - 0.3	0.7 - 0.8
0.3 - 0.4	0.8 - 5.0
0.4 - 0.5	

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Mineral Site SR-35/247: Upwood Park, Besselsleigh

District: Vale of White Horse DC  
Parish: Marcham CP

Total Area: 23.09 Ha

	Ha	%
Area in Flood Zone 1	23.09	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER

The Marcham 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 Ock.

FLOOD RECORDS

25-50 properties are recorded to have experienced flooding in Appleton, west of the site, as a result of fluvial flooding associated with the Marcham Brook as well as surcharging of surface water sewers.

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

Location Overview



Legend

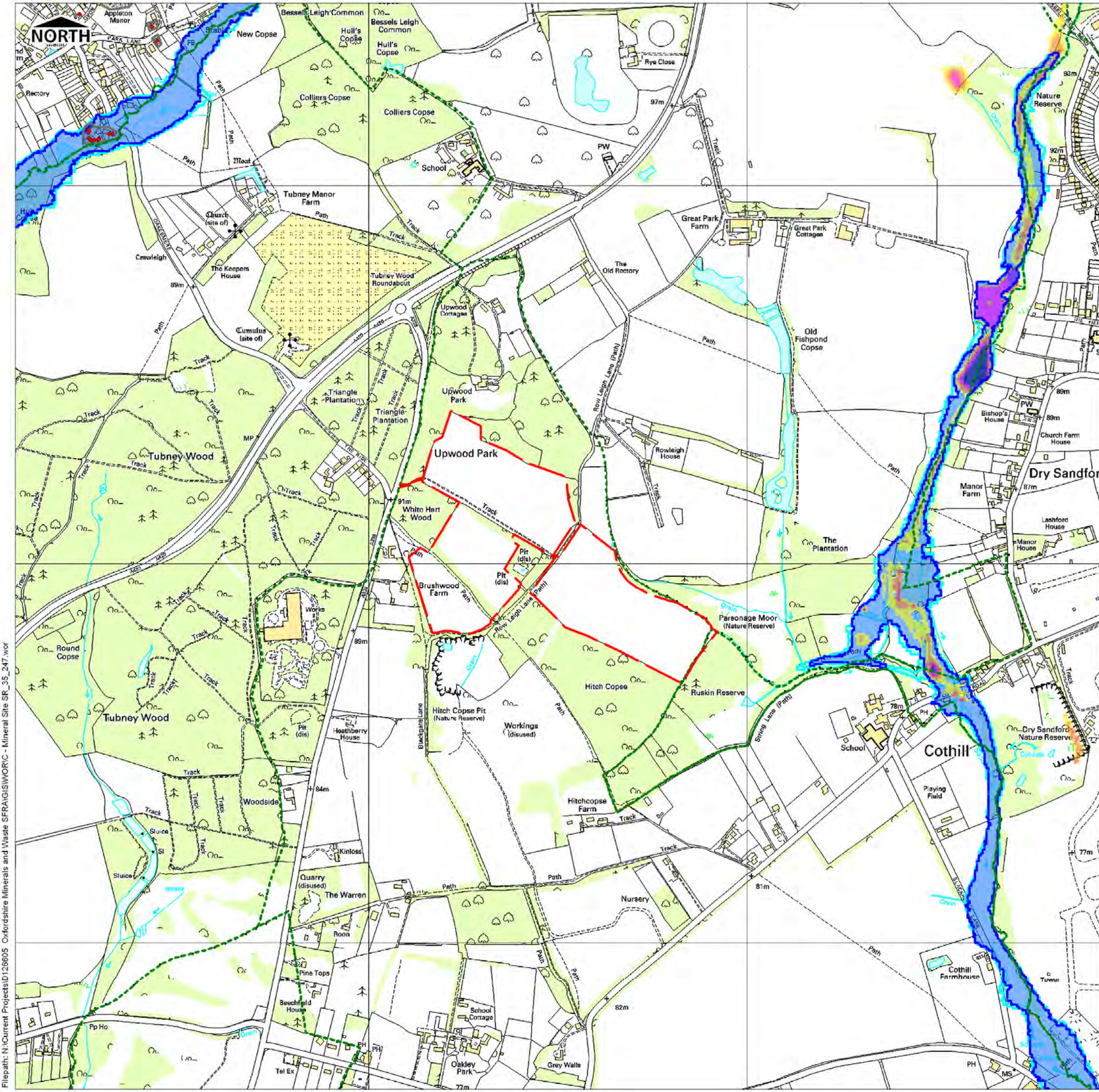
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Sewer Flooding Incidents	Surface Water Flooding
0 to 0	1 in 100 year Max depth (m)
1 to 2	0.0 - 0.1
3 to 4	0.1 - 0.2
5 to 8	0.2 - 0.3
9 to 11	0.3 - 0.4
	0.4 - 0.5
	0.5 - 0.6
	0.6 - 0.7
	0.7 - 0.8
	0.8 - 5.0

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Mineral Site SR-36/235: Peashell Farm, Witney

District: West Oxfordshire DC  
Parish: Curbridge CP

Total Area: 0.05 Ha

	Ha	%
Area in Flood Zone 1	0.05	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER

The Windrush flows west to east approximately 1.6km north of the site.

FLOOD RECORDS

Thames Water have records of properties experiencing sewer flooding in the Curbridge area.

There are historic records of flooding associated with the Windrush watercourse approximately 1.6km north of the site.

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

Location Overview



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- July 2007 Flood Records
- Groundwater Flooding
- EA Main Rivers

Sewer Flooding Incidents

- 0 to 0
- 1 to 2
- 3 to 4
- 5 to 8
- 9 to 11

Surface Water Flooding

- 1 in 100 year Max depth [m]
- 0.0 - 0.1
  - 0.1 - 0.2
  - 0.2 - 0.3
  - 0.3 - 0.4
  - 0.4 - 0.5
  - 0.5 - 0.6
  - 0.6 - 0.7
  - 0.7 - 0.8
  - 0.8 - 0.9

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