

Waste Site 45C, 45D: Site at Milton Park, Near Didcot

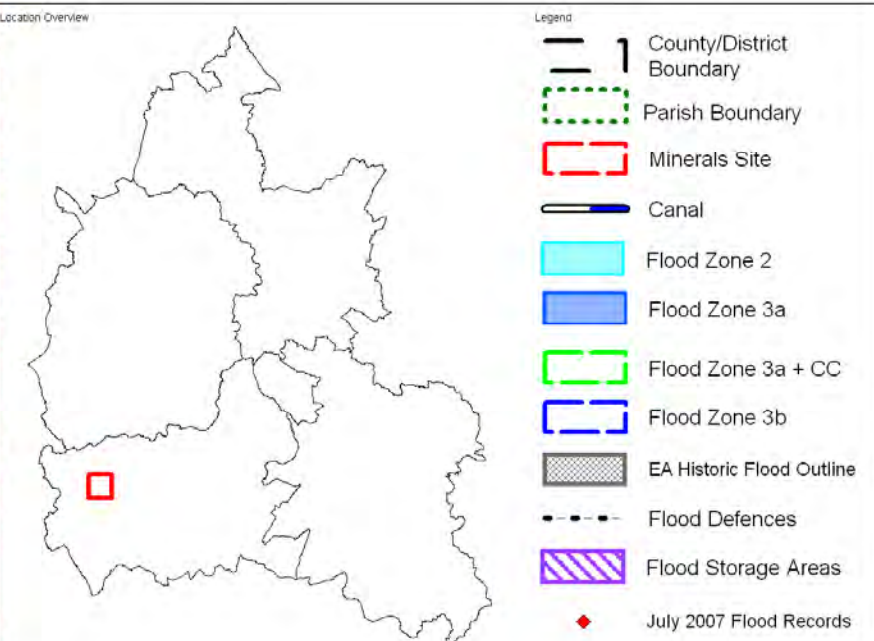
District: Vale of White Horse DC
Parish: Sutton Courtenay CP

Site C, western		
Total Area:	Ha	%
Area in Flood Zone 1	0.98	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

Site D, western		
Total Area:	Ha	%
Area in Flood Zone 1	1.07	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 from west to east along the north of site C.

FLOOD RECORDS
The EA have historical records of flooding to the east of the site.
Modelling of the 1 in 100 year storm, undertaken as part of the SODC & VWHDC SFRA, identifies parts of the site and surrounding area to be at risk of surface water flooding.
Thames Water has records of properties affected by sewer flooding in the area of the site during the last 10 years.



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

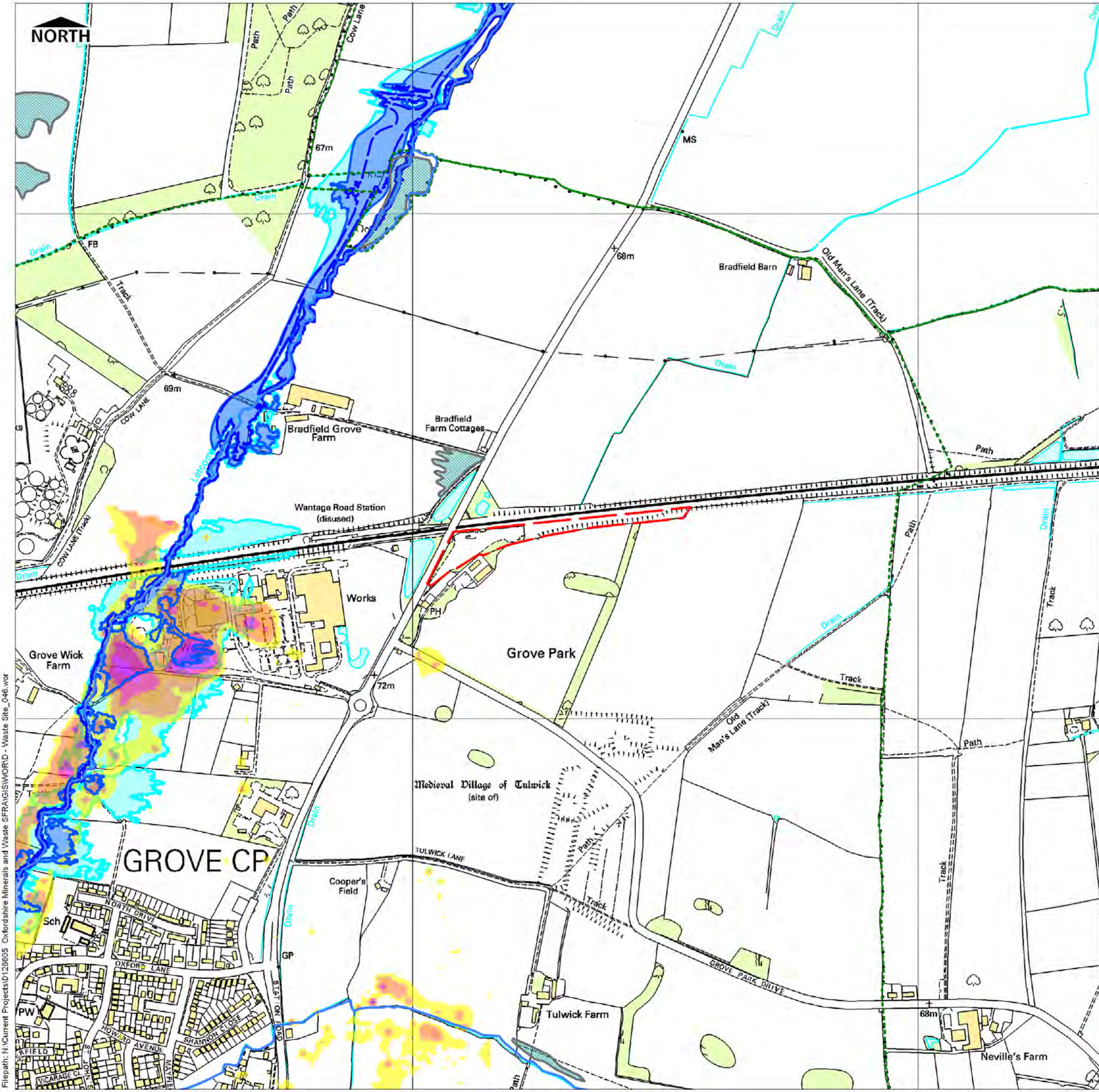
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Drawing Number: **D126605 / 45C & 45D**

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Waste Site 46: Wantage Road Station, Grove

District: Vale of White Horse DC
Parish: Grove CP

Total Area: 1.62 Ha

	Ha	%
Area in Flood Zone 1	1.62	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 Letcombe Brook flows south to north approximately 0.5km west of the site. The Portobello Ditch flows east to west to join the Letcombe Brook approximately 1km south of the site.

FLOOD RECORDS

50-60 properties in Grove are recorded to have been affected by flooding from the Letcombe Brook.

Modelling of the 1 in 100 year storm event, undertaken as part of the SODC & VWHDC SFRA, identifies land to the west of the site, north of Grove, to be at risk of surface water flooding.

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

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

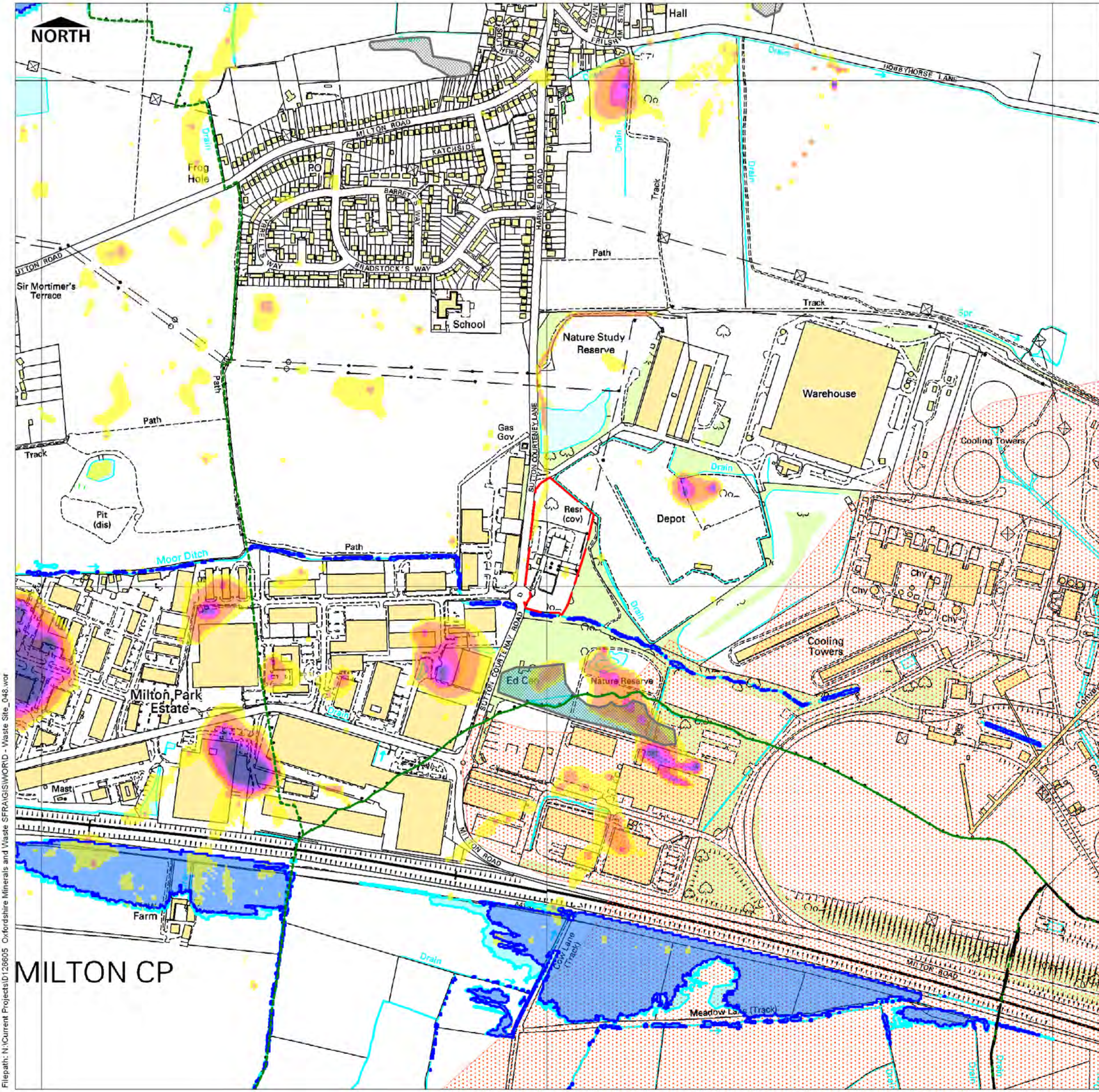
Sewer Flooding Incidents	Surface Water Flooding
0 to 0	1 in 100 year Max depth (m)
1 to 2	0.0 - 0.1
3 to 4	0.1 - 0.2
5 to 8	0.2 - 0.3
9 to 11	0.3 - 0.4
	0.4 - 0.5
	0.5 - 0.6
	0.6 - 0.7
	0.7 - 0.8
	0.8 - 5.0

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Waste Site 48: Reservoir/ Pumping Station

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

Total Area: 2.49 Ha

	Ha	%
Area in Flood Zone 1	2.49	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 along the southern edge of the site. The Upper Thames flows west to east approximately 2.3km north of the site.

FLOOD RECORDS
 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, 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.

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

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
0.9 - 1.0

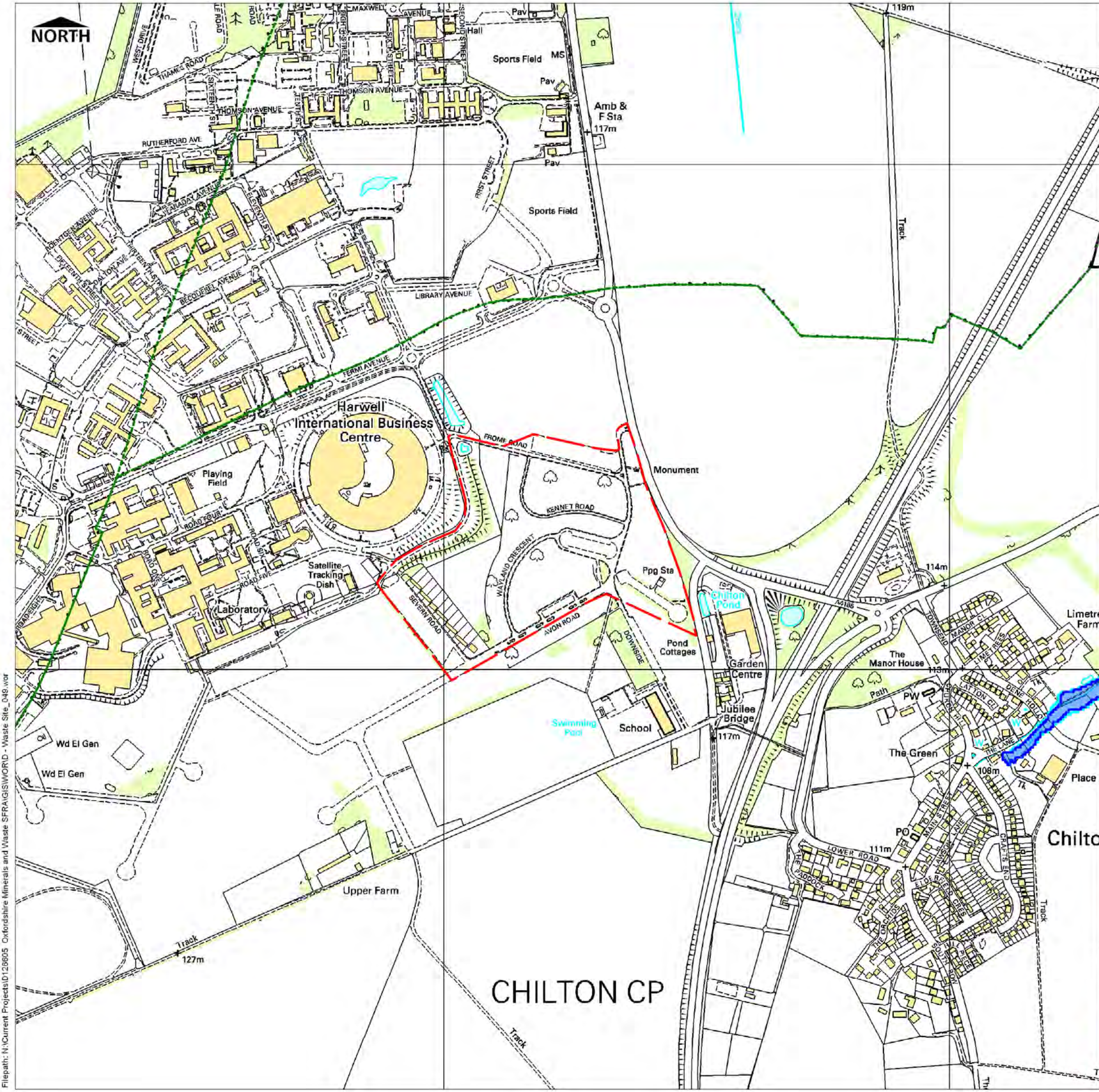
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Oxfordshire County Council, Minerals & Waste SFRA

Waste Site 49: Land at Kennet Road (Harwell Business Centre)

District: Vale of White Horse DC
Parish: Chilton CP

Total Area: 17.78 Ha

	Ha	%
Area in Flood Zone 1	17.78	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
A tributary of the Ginge Brook flows east to west approximately 1.5km north of the site. A drain passes from west to east approximately 0.7km east of the site to join the West Hagbourne Stream in Upton.

FLOOD RECORDS
There are no recorded incidents of flooding in the vicinity of the site.

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

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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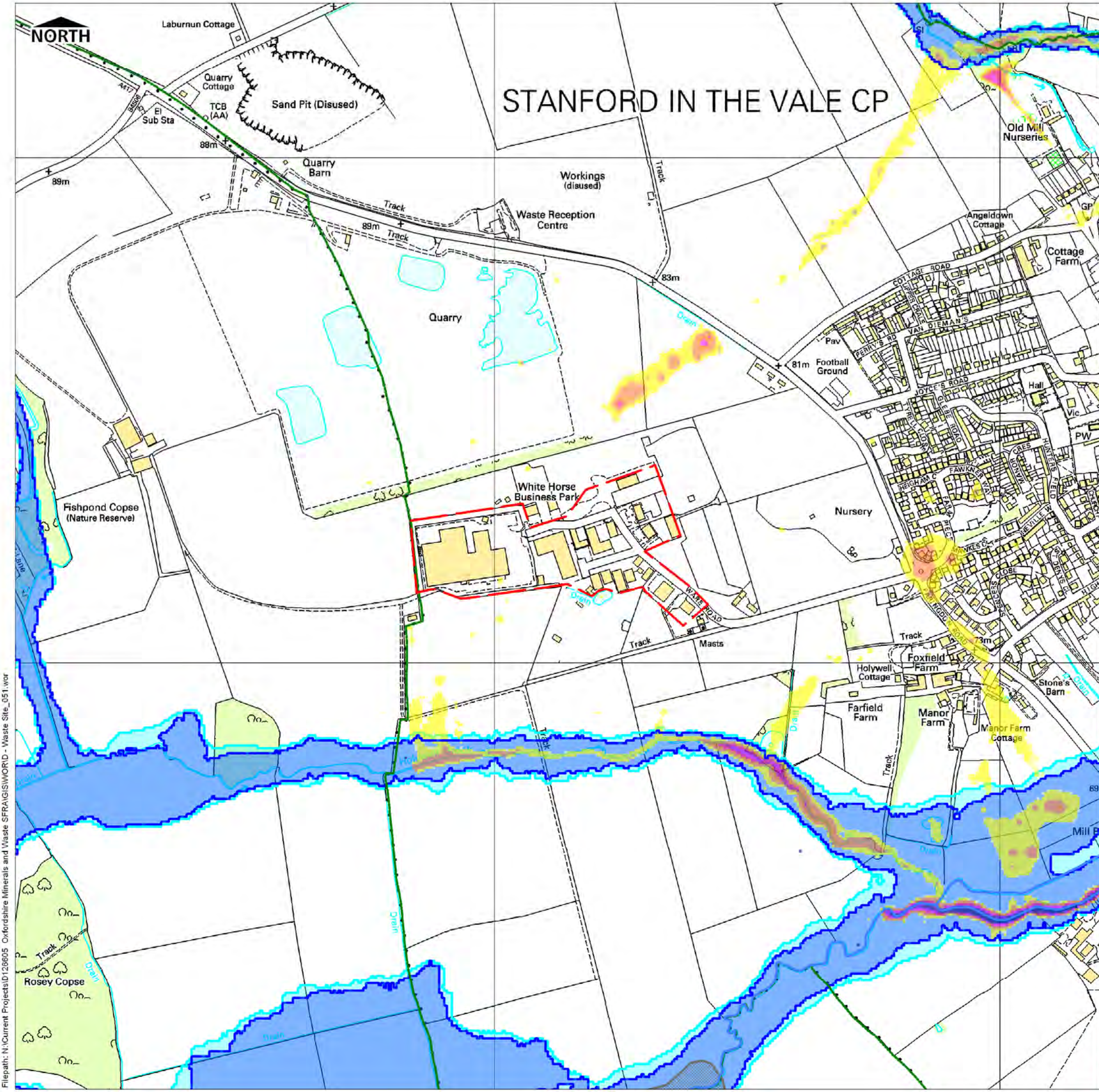
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Waste Site 51: Land at White Horse Business Park

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

Total Area: 9.43 Ha

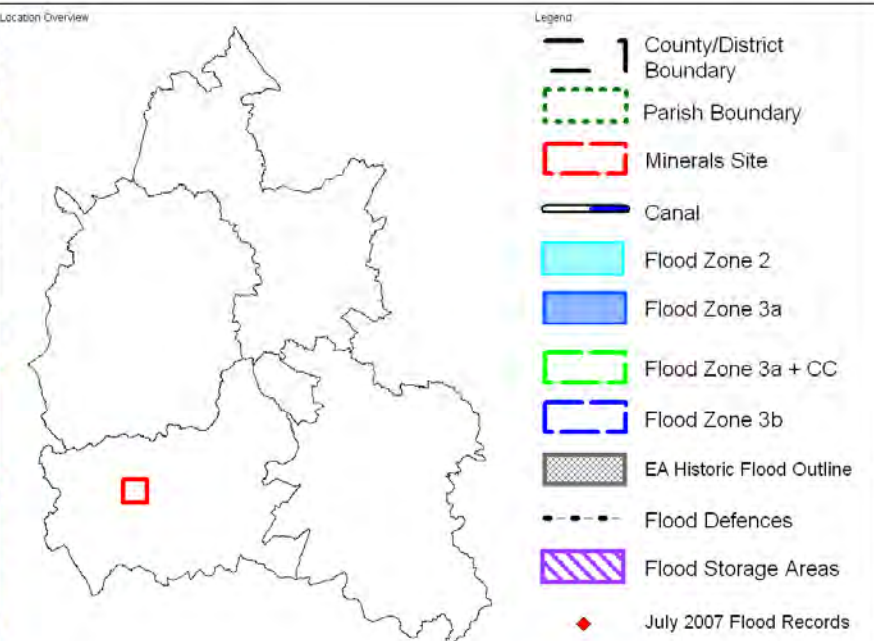
	Ha	%
Area in Flood Zone 1	9.43	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER
 The River Ock flows west to east approximately 1km south of the site. Another small watercourse is located approximately 0.8km west of the site, which then flows along the south of the site.

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

Modelling of the 1 in 100 year storm as part of the SODC & VWHDC SFRA identifies the site and parts of Stanford in the Vale to be at risk of surface water flooding.

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



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 - 0.9

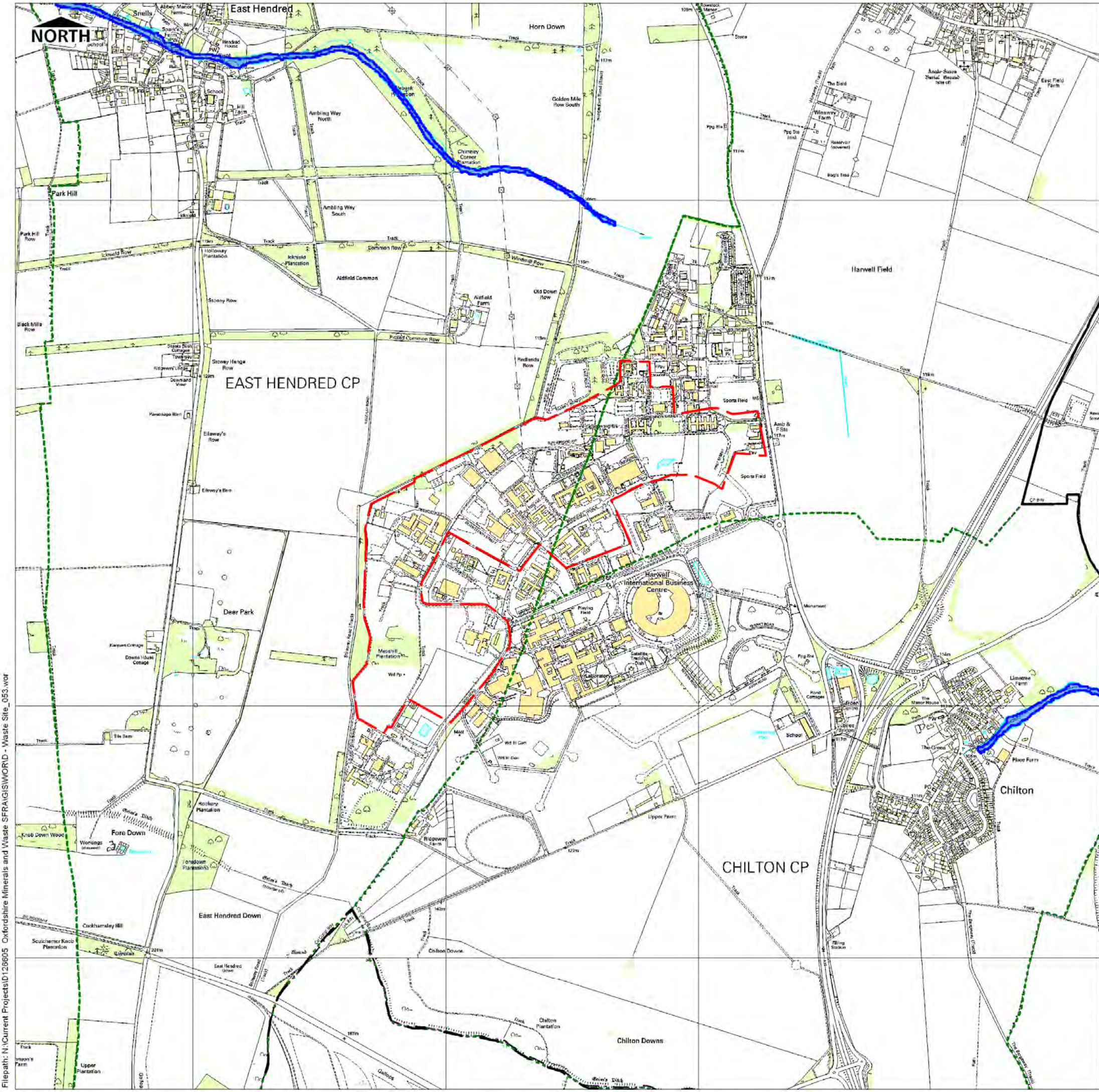
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Waste Site 53: UKAEA Laboratory (incl. West Storage Area)

District: Vale of White Horse DC
 Parish: Harwell CP & East Hendred CP

Total Area: 89.54 Ha

	Ha	%
Area in Flood Zone 1	89.54	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
 A tributary of the Ginge Brook flows east to west approximately 0.7km north of the site.
 A drain passes from west to east approximately 1.7km east of the site to join the West Hagbourne Stream in Upton.

FLOOD RECORDS
 There are no recorded incidents of flooding in the vicinity of the site.

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

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
0.9 - 1.0

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Waste Site 59: Scrap Yard, Sutton Wick Lane

District: Vale of White Horse DC
Parish: Drayton CP

Total Area: 0.74 Ha

	Ha	%
Area in Flood Zone 1	0.74	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 Oday Ditches and Upper Thames are located immediately east of the site. The Ginge Brook is located approximately 1.2km south of the site.

FLOOD RECORDS

The site lies adjacent to an area that has historically experienced fluvial flooding. 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 identifies land south of the site to be at risk of surface water flooding.

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

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 - 0.9
	0.9 - 1.0

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Waste Site 61: Sewage Treatment Works, Oxford Road

District: Vale of White Horse DC
Parish: Grove CP

Total Area: 8.45 Ha

	Ha	%
Area in Flood Zone 1	8.45	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

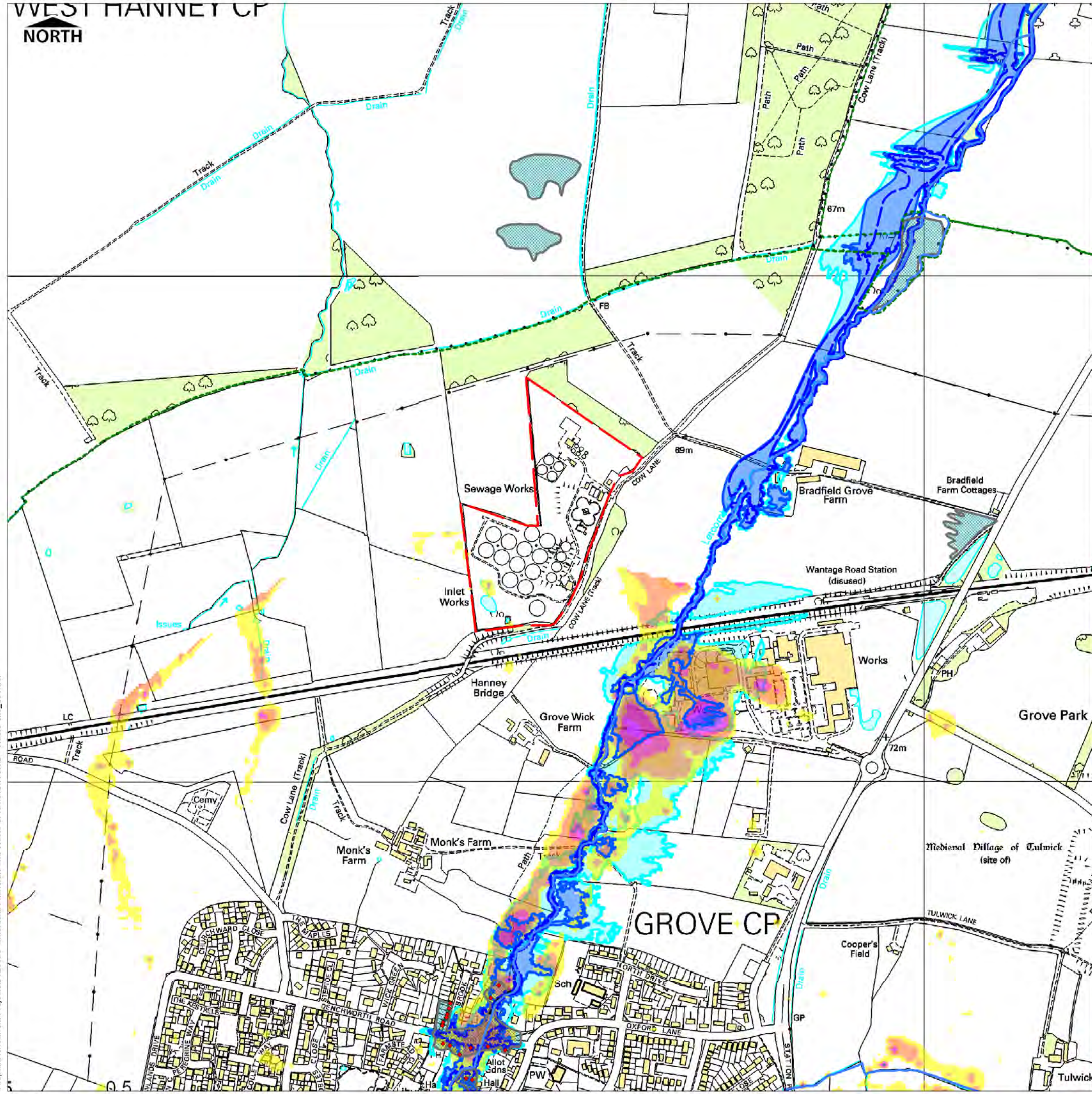
The Letcombe Brook flows south to north approximately 0.2km east of the site. The Childrey Brook flows south to north approximately 1.8km west of the site.

FLOOD RECORDS

50-60 properties in Grove are recorded to have been affected by flooding from the Letcombe Brook.

Modelling of the 1 in 100 year storm event, undertaken as part of the SODC & VVHDC SFRA, identifies land adjacent to the site, north of Grove, to be at risk of surface water flooding.

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



Location Overview



Legend

- County/District Boundary
- Parish Boundary
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- Canal
- Flood Zone 2
- Flood Zone 3a
- Flood Zone 3a + CC
- Flood Zone 3b
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- Flood Storage Areas
- July 2007 Flood Records
- Groundwater Flooding
- EA Main Rivers

Sewer Flooding Incidents	Surface Water Flooding	
	1 in 100 year Max depth [m]	
0 to 0	0.0 - 0.1	0.5 - 0.6
1 to 2	0.1 - 0.2	0.6 - 0.7
3 to 4	0.2 - 0.3	0.7 - 0.8
5 to 8	0.3 - 0.4	0.8 - 0.9
9 to 11	0.4 - 0.5	0.9 - 1.0

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Logos for South Oxfordshire District Council, Oxford City Council, Vale of White Horse, Oxfordshire County Council, and Cherwell District Council.

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Waste Site 97: Oxford Business Park (undeveloped land), Cowley

District: Oxford City

Total Area: 7.34 Ha

	Ha	%
Area in Flood Zone 1	7.34	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 Littlemore Brook flows east to west approximately 0.3km south of the site. The Boundary Brook is located approximately 1.4km north of the site and flows west to join the Upper Thames.

FLOOD RECORDS
Modelling of the 1 in 100 year storm, undertaken as part of the SODC & VWHDC SFRA, identifies land north east of the site at Horspath to be susceptible to surface water flooding.

There are no recorded incidents of fluvial, sewer or groundwater flooding in this area.

Location Overview



- Legend**
- County/District Boundary
 - Parish Boundary
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 - Canal
 - Flood Zone 2
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 - Flood Zone 3b
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 - 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

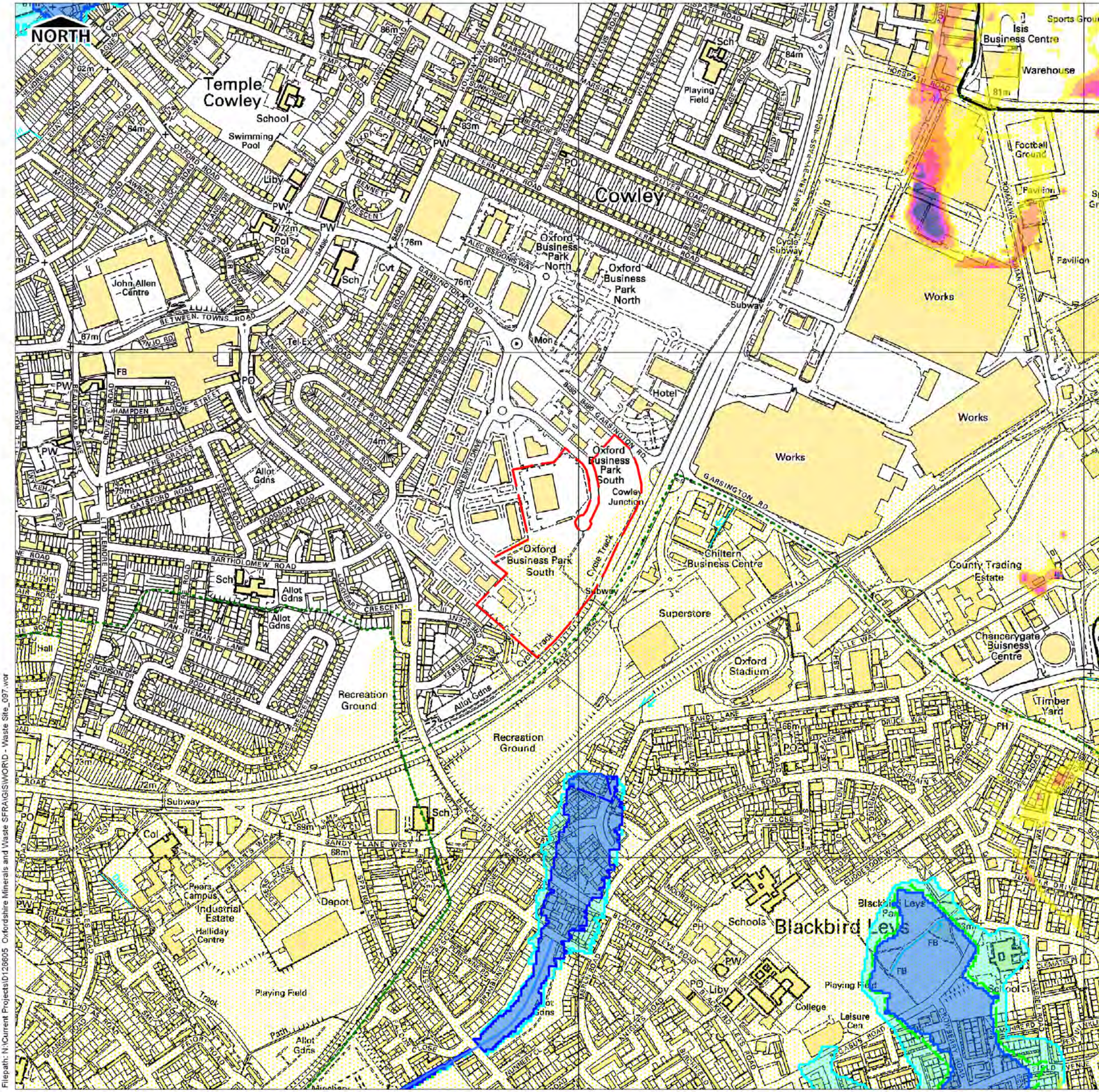
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