

Waste Site 151: Drayton Depot (OCC), Milton Road, Drayton

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

Total Area: 4.84 Ha	Ha	%
Area in Flood Zone 1	4.84	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 network and the Upper Thames watercourse are located immediately to the north of the site. The Ginge Brook flows south to north to join the Upper Thames approximately 1km east of the site.

FLOOD RECORDS
Land north of the site has been historically been affected by flooding from the Oday Ditches and Upper Thames watercourse. Land south of the site has historically been affected by flooding associated with the Ginge Brook.

Modelling of the 1 in 100 year storm event, undertaken as part of the SODC & VVHDC SFRA, identifies parts of the site and the surrounding area to be at risk of surface water flooding.

Flooding has been recorded in a large number of properties in Abingdon further upstream, where the Ock and Sandford Brook meet and feed into the Upper Thames. Flooding has also been recorded in isolated properties in Culham and Clifton Hampden.

There are no reported incidents of 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

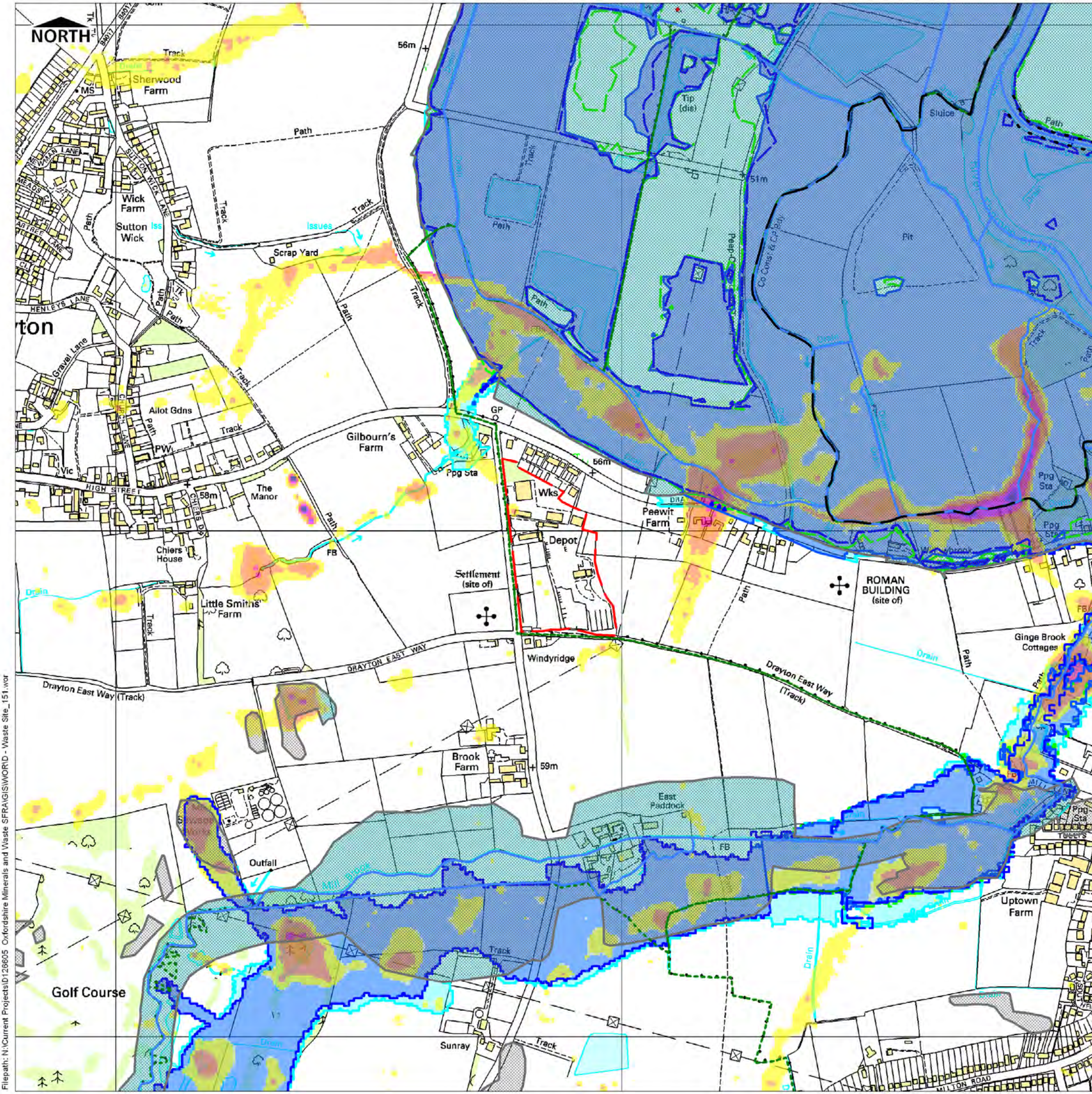
Sewer Flooding Incidents	Surface Water Flooding
0 to 0	1 in 100 year Max depth [m]
1 to 2	0.0 - 0.1
3 to 4	0.1 - 0.2
5 to 8	0.2 - 0.3
9 to 11	0.3 - 0.4
	0.4 - 0.5
	0.5 - 0.6
	0.6 - 0.7
	0.7 - 0.8
	0.8 - 0.9

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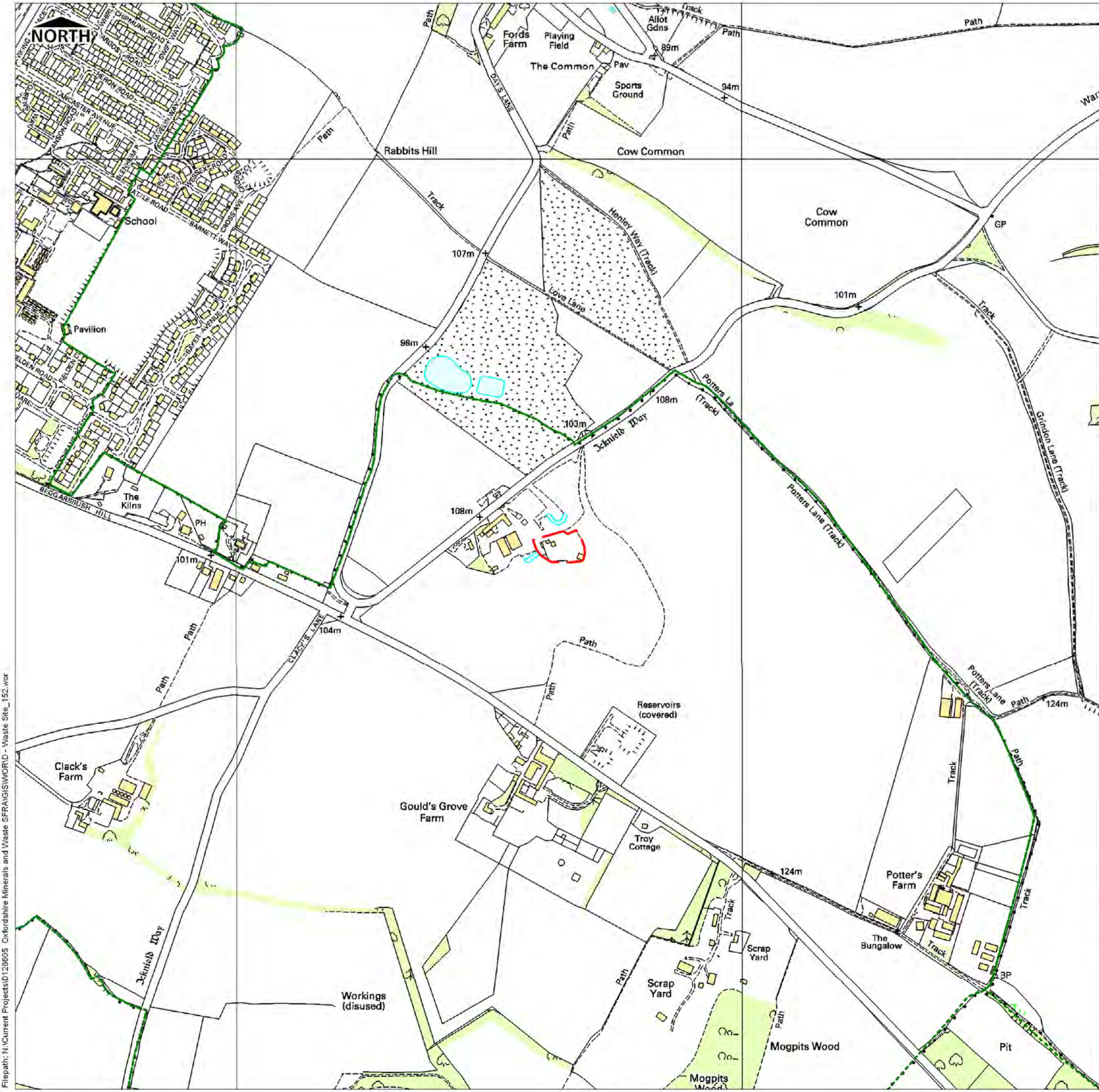
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D126605 / 151			
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SL	EB	04/10	1:7,500



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Waste Site 152: Goulds Grove (Ewelme No. 1 Site), Ewelme

District: South Oxfordshire DC
Parish: Benson CP

Total Area: 0.49 Ha

	Ha	%
Area in Flood Zone 1	0.49	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 Ewelme Stream flows east to west approximately 1km to the north of the site.

FLOOD RECORDS
There are no reported incidents of fluvial flooding along the Ewelme Stream.

Incidents of groundwater flooding have been recorded to the west of the site, around the settlements of Ewelme and Benson

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)

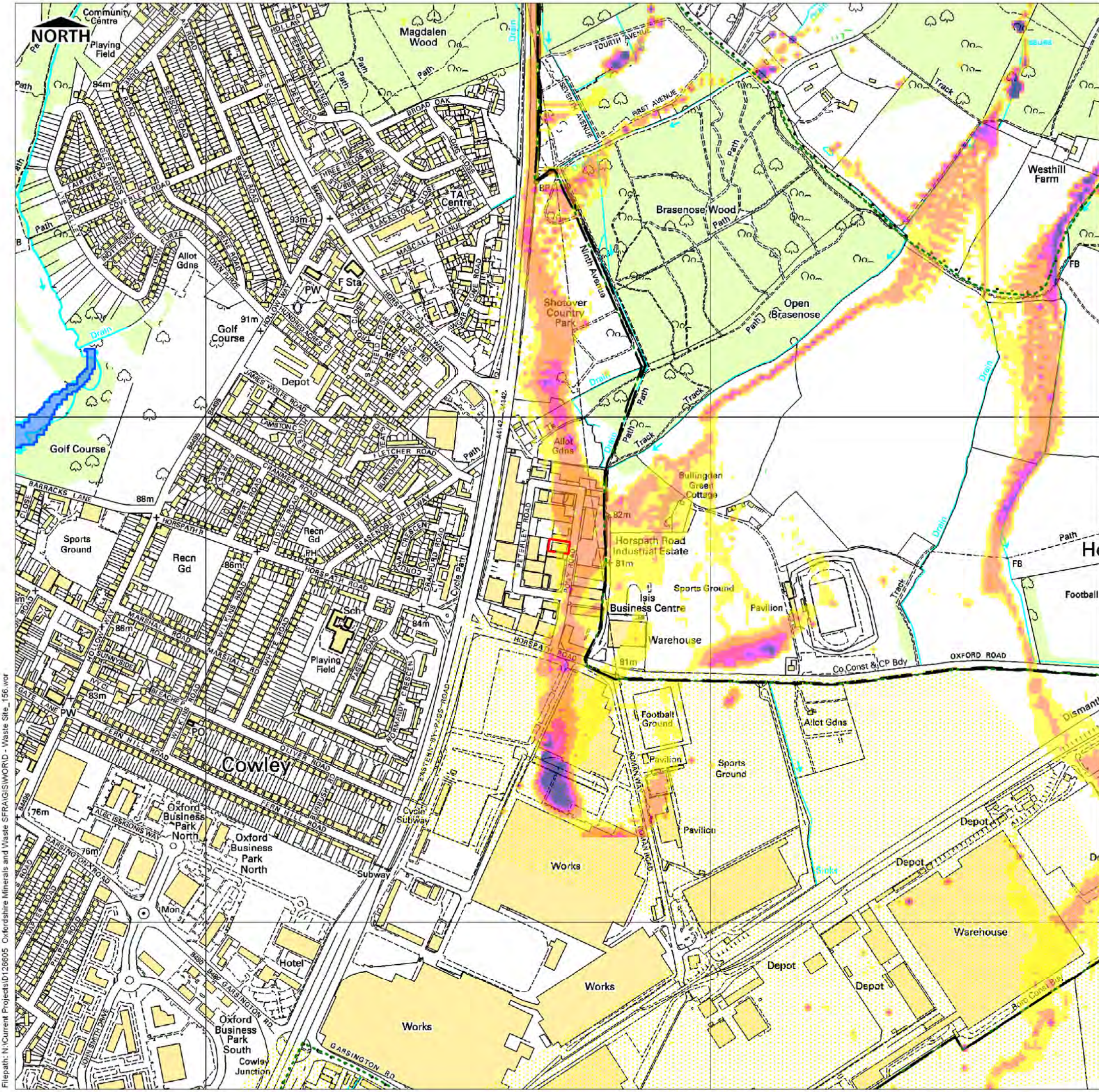
0.0 - 0.1
0.1 - 0.2
0.2 - 0.3
0.3 - 0.4
0.4 - 0.5
0.5 - 0.6
0.6 - 0.7
0.7 - 0.8
0.8 - 5.0

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Waste Site 156: City Insulation Contractors, Pony Road

District: Oxford City

Total Area: 0.10 Ha

	Ha	%
Area in Flood Zone 1	0.10	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 Boundary Brook is located approximately 0.9km west of the site. This watercourse flows west to meet the Upper Thames.

FLOOD RECORDS
Modelling of the 1 in 100 year storm, undertaken as part of the SODC & VWHDC SFRA, identifies land immediately west of the site 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
- 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 - 5.0
0.4 - 0.5	

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Figure Title

Waste Site 157: Unit 8, Bottom Yard, Oakfield (Amity Insulation)

District: West Oxfordshire DC
Parish: Eynsham CP

Total Area: 0.04 Ha

	Ha	%
Area in Flood Zone 1	0.04	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 Chil Brook is located 0.3km north of the site and a series of ditches including the Southfield Ditch, Swinford Marsh Ditches are located approximately 0.4km east of the site. These watercourses join the Upper Thames which is located approximately 1km east of the site.

FLOOD RECORDS

There are records of land surrounding the site having been affected by fluvial flooding.

One property located 0.2km north of the site is recorded to have been affected by flooding associated with drainage issues during July 2007.

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 SODC and VVHDC as part of their combined SFRA.

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 - 5.0
0.4 - 0.5	

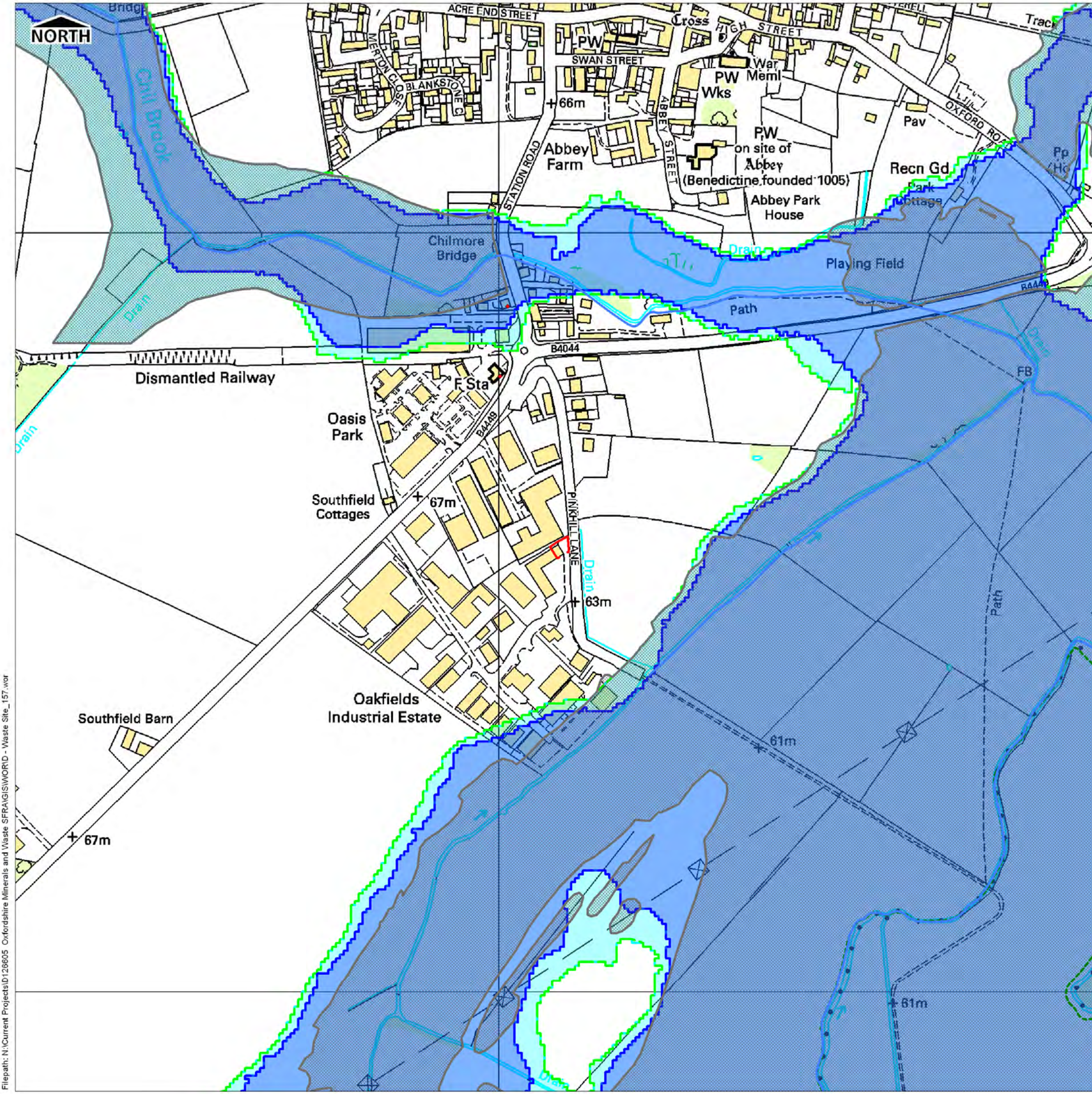
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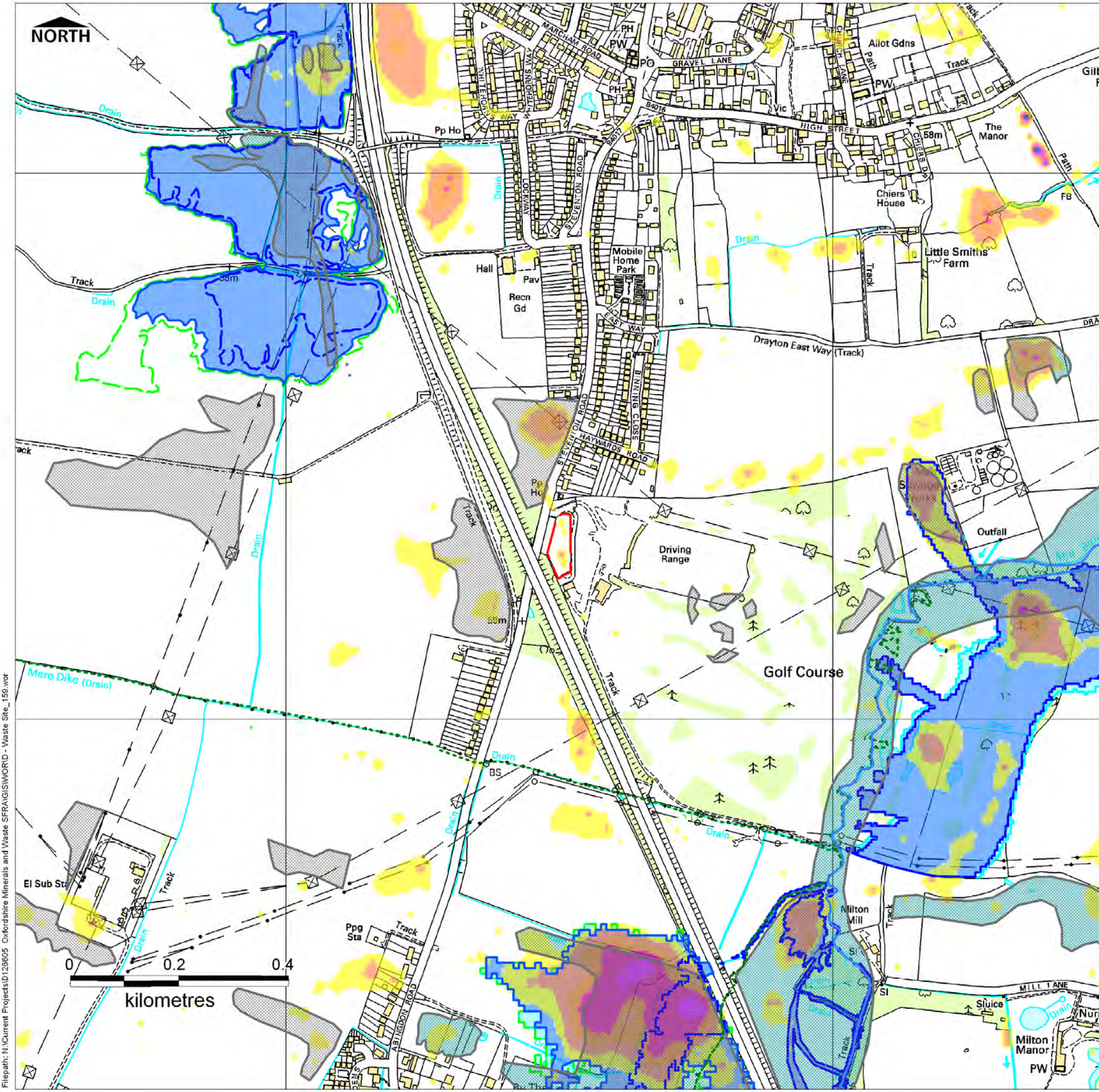
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Waste Site 159: Drayton HWRC

District: Vale of White Horse DC
 Parish: Drayton CP

Total Area: 0.37 Ha

	Ha	%
Area in Flood Zone 1	0.37	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 Mere Dyke is located 0.5km north of the site. The Ginge Brook is located approximately 0.7km east of the site.

FLOOD RECORDS
 Land surrounding the site has reportedly been affected by flooding in the past.

Modelling of the 1 in 100 year storm, undertaken as part of the SODC & VWHDC SFRA, shows that the site and land surrounding the site is susceptible to surface water flooding. In some areas the depths of flood water are expected to reach 0.6-0.7m.

There are no reported incidents of sewer or 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

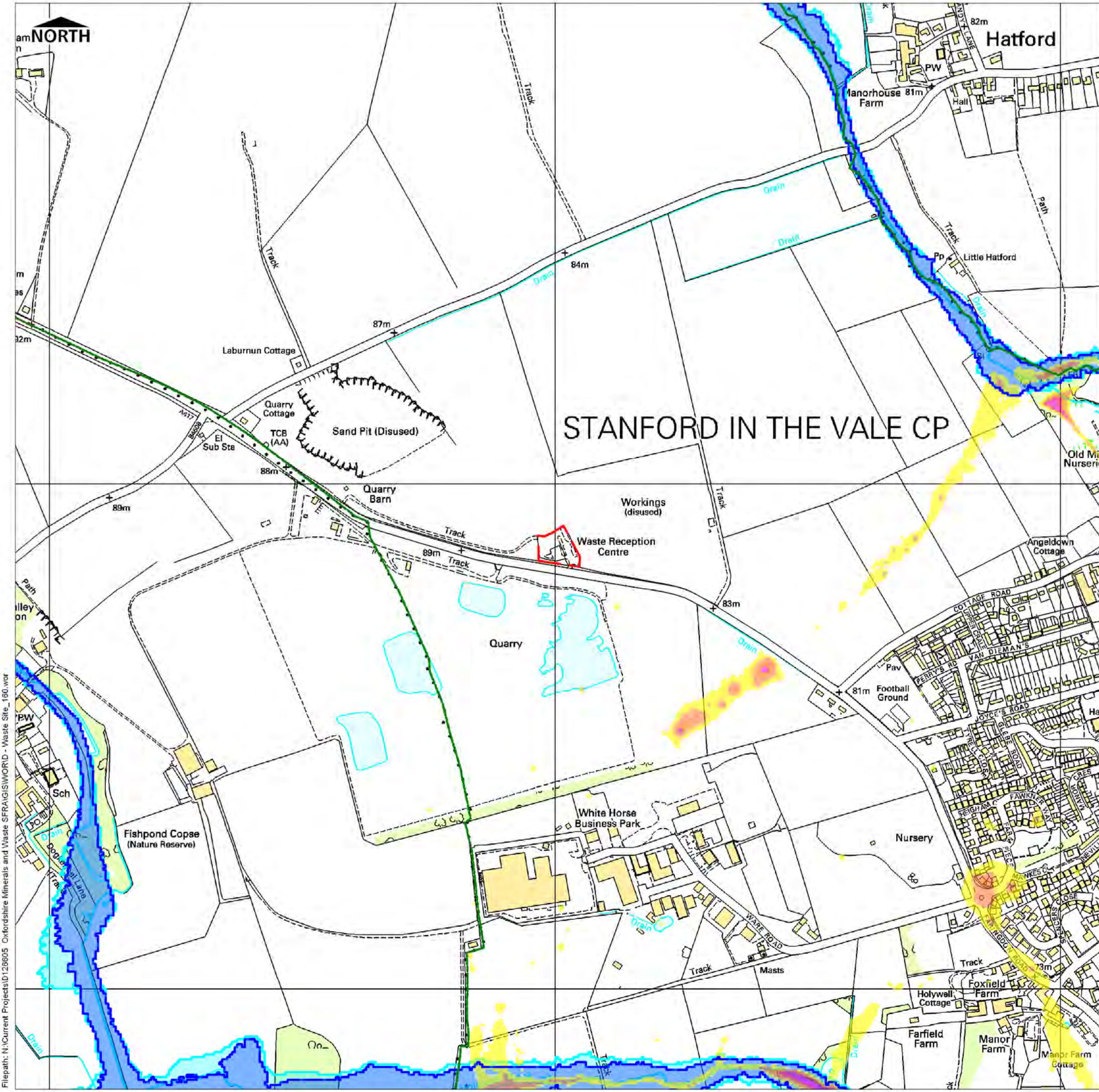
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Waste Site 160: Stanford in the Vale HWRC

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

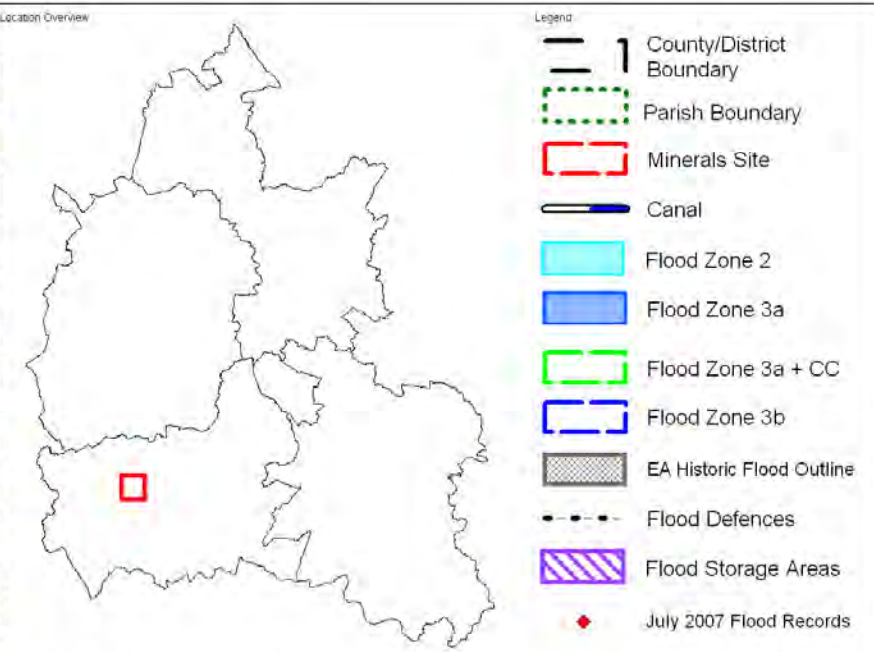
Total Area: 0.45 Ha	Ha	%
Area in Flood Zone 1	0.45	100
Area in Flood Zone 2	0.00	0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.00	0

MAIN RIVER
 The Frogmore Brook flows west to east approximately 1km north of the site. This watercourse is a tributary of the River Ock, and meets the River Ock in Stanford in the Vale. Another small watercourse is located approximately 1km west 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 land east of 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 - 5.0

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Waste Site 161: Redbridge HWRC, Oxford

District: Oxford City

Total Area: 1.36 Ha

	Ha	%
Area in Flood Zone 1	0.00	0.0
Area in Flood Zone 2	0.86	63.4
Area in Flood Zone 3a with Climate Change	0.00	0.0
Area in Flood Zone 3a	0.06	4.4
Area in Flood Zone 3b	0.44	32.2

MAIN RIVER

The Hinksey Drain flows along the western edge of the site and the Hinksey Stream flows along the eastern edge of the site. The Upper Thames flows north to south approximately 0.7km east of the site.

FLOOD RECORDS

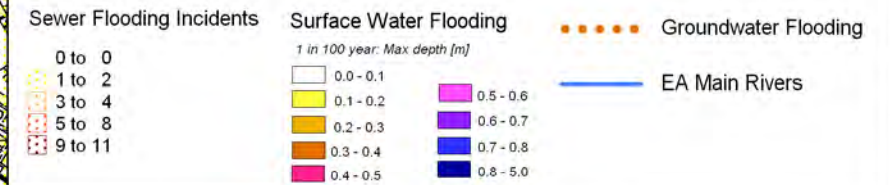
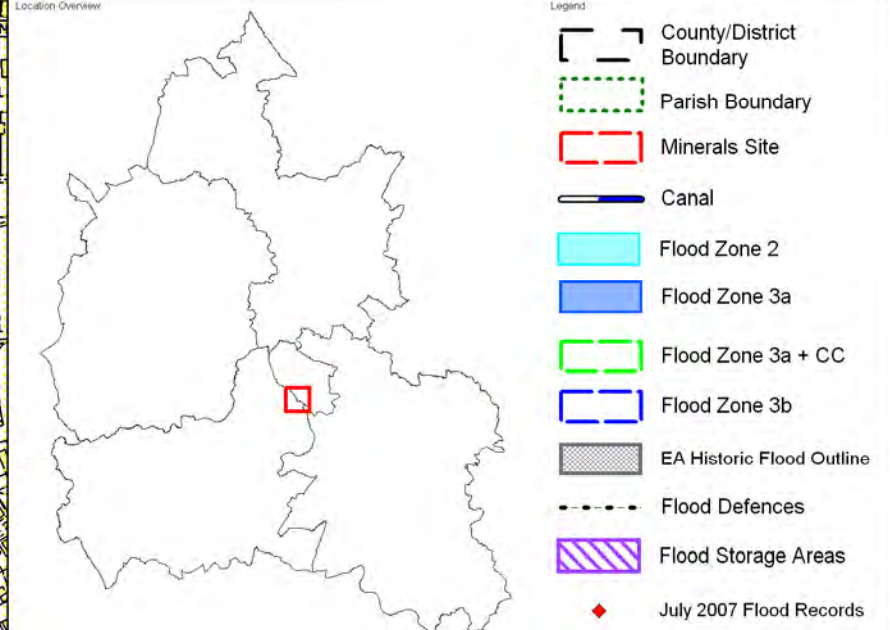
The site lies within an area that has historically experienced fluvial flooding. 40-50 properties are recorded to have been affected by flooding in the area immediately upstream of the site.

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

Thames Water has records of properties affected by sewer flooding in South Hinksey and Kennington during the last 10 years.

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

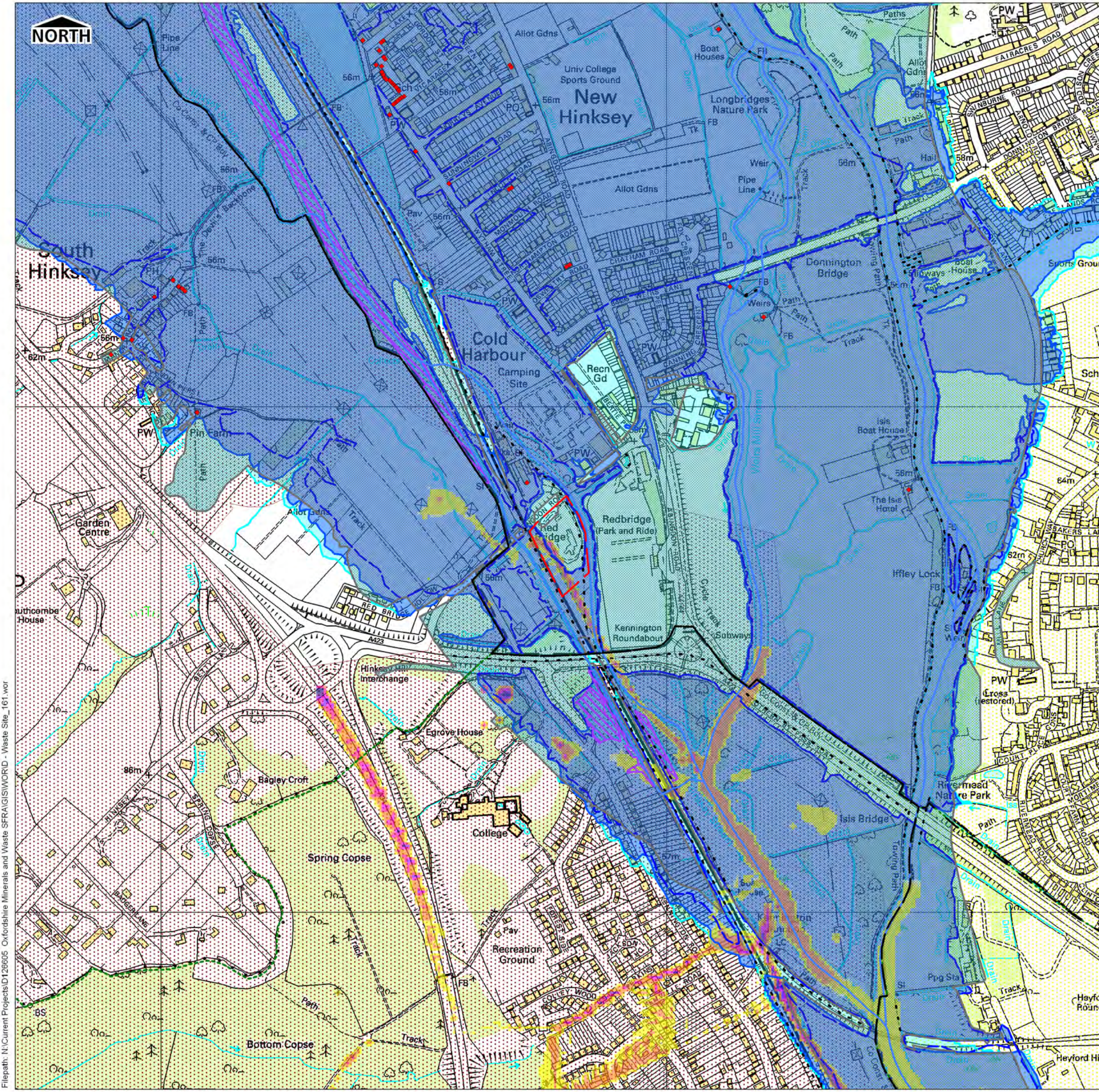
Location Overview



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Waste Site 163: Cowley Marsh Depot, Oxford

District: Oxford City

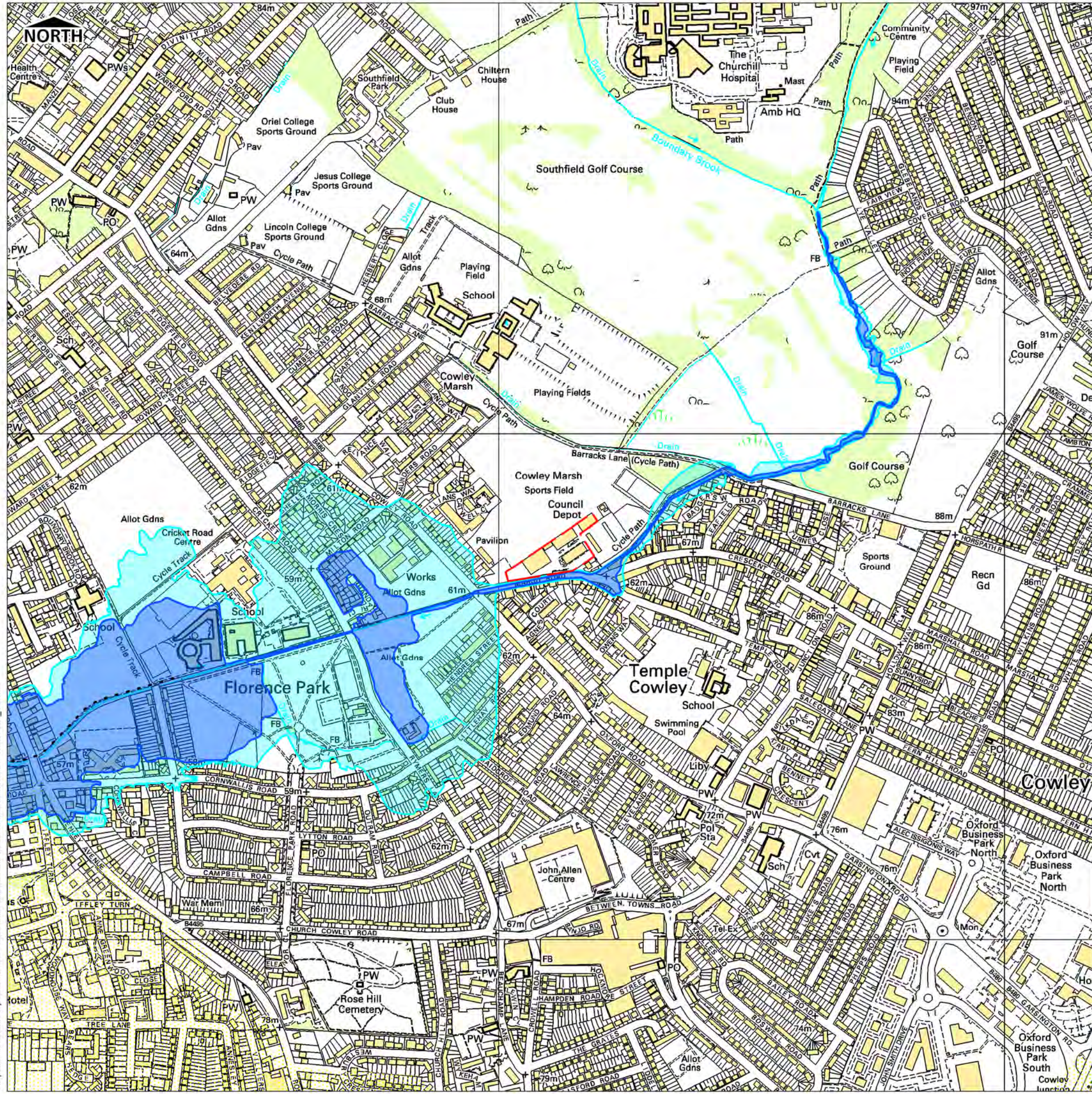
Total Area: 0.98 Ha

	Ha	%
Area in Flood Zone 1	0.98	100
Area in Flood Zone 2	0.00	0.0
Area in Flood Zone 3a with Climate Change	0.00	0.0
Area in Flood Zone 3a	0.00	0.0
Area in Flood Zone 3b	0.00	0.0

MAIN RIVER
The site lies within the floodplain of the Boundary Brook, which flows west to join the Upper Thames watercourse approximately 1.7km west of the site.

FLOOD RECORDS
There are historic records of flooding along the corridor of the Upper Thames River.

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

 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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Waste Site 170: Old Chalk Pit, Chinnor

District: South Oxfordshire DC
Parish: Chinnor CP

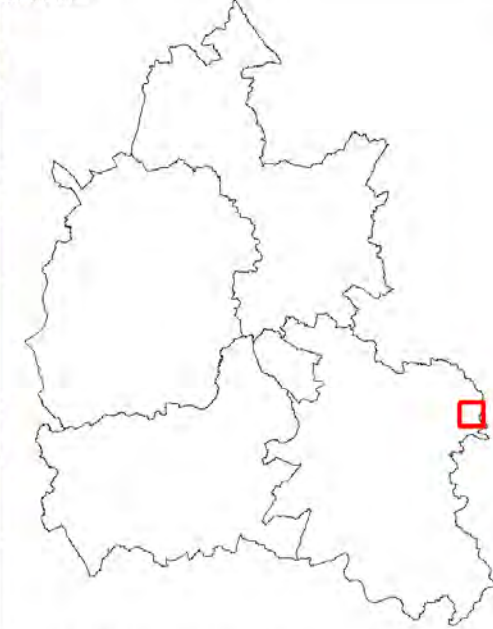
Total Area: 6.67 Ha

	Ha	%
Area in Flood Zone 1	6.67	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 Cuttle Brook is located approximately 1km north of the site.

FLOOD RECORDS
Modelling of the 1 in 100 year storm, undertaken as part of the SODC & VWHD SFRA, identifies land north of the site to be 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
 - 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

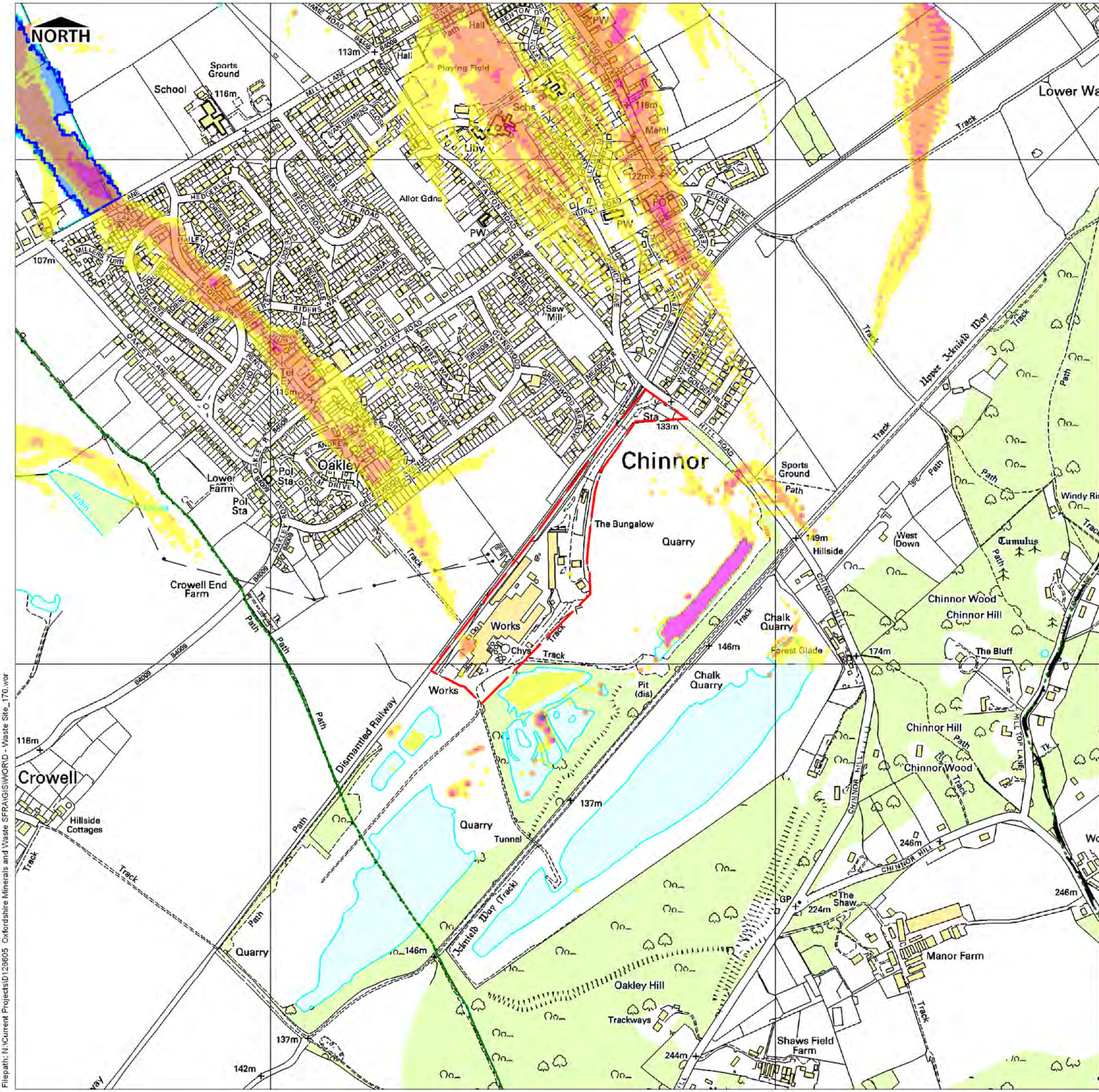
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Crawing Number

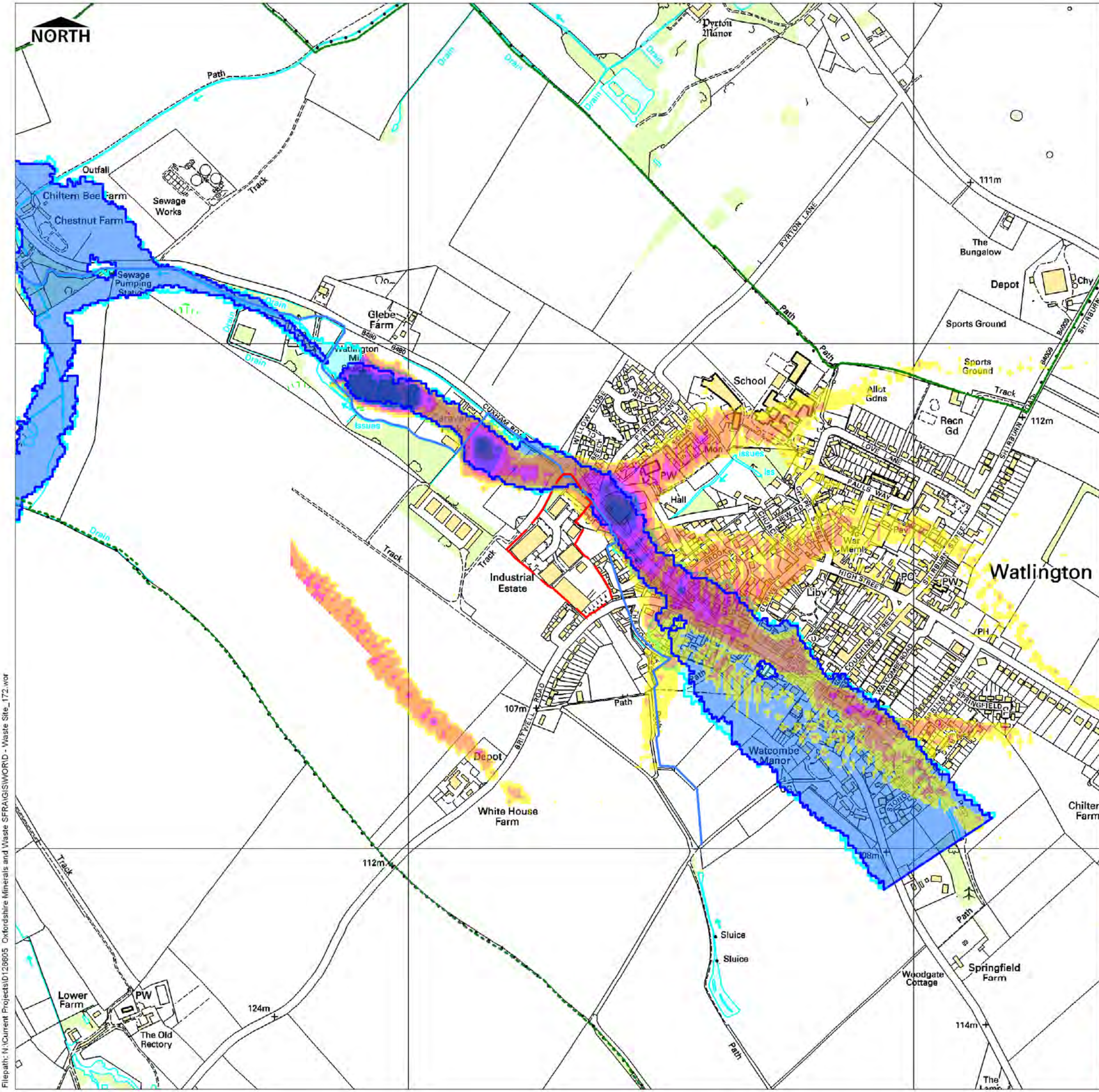
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Oxfordshire County Council, Minerals & Waste SFRA

Waste Site 172: Unit A4, Queensgate Industrial Park, Watlington

District: South Oxfordshire DC
Parish: Watlington CP

Total Area: 2.67 Ha

	Ha	%
Area in Flood Zone 1	2.56	96.0
Area in Flood Zone 2	0.03	1.0
Area in Flood Zone 3a with Climate Change	0.00	0
Area in Flood Zone 3a	0.00	0
Area in Flood Zone 3b	0.08	3.0

MAIN RIVER
The Chalgrove Brook flows northwards, along the western edge of the site.

FLOOD RECORDS
There are no reported incidents of fluvial flooding in this area.

Modelling of the 1 in 100 year storm, undertaken as part of the SODC & WHDC SFRA, identifies the majority of Watlington to be at risk of surface water flooding with water reaching depths of 0.8-0.9m immediately to the west of the site.

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

Location Overview



- Legend**
- County/District Boundary
 - Parish Boundary
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 - Flood Storage Areas
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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
0.1 - 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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