

Contaminated Land Assessment

Allington Lane Solar Farm

Eastleigh Borough Council



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V2.0	27/06/2024	Updated document with removal of BESS

Summary

This report was undertaken to assess the potential and severity of any contaminated land that may be present at the Proposed Allington Lane Solar Farm site. A GroundSure report was commissioned, alongside a contaminated land survey and this accompanying desk-based assessment. It was determined that the site is considered to be relatively low-risk in terms of contamination.

There are no areas of active ground contamination within the Proposed Development Site. There is some low potential for areas of passive contamination to be present within the south-west of the Site due to anecdotal evidence of waste tipping, however it is proposed that no further ground investigations are undertaken due to the overarching low risk of contamination on the Site.

The method of construction used for the Development (Solar Farm), means that ground excavations will be minimal and construction personnel will have minimal exposure to any potential contaminants within the soil. Vigilance should be maintained for potential unrecorded contamination sources during any future assessments and intrusive site works. In the event that potentially contaminated materials are encountered, samples should be taken, and a subsequent risk assessment and remediation strategy may be required.

Site personnel should wear appropriate PPE and conduct good site hygiene during all works; this may include the use of hand protection.

This mitigation should be implemented as a condition for the duration of the construction of the Proposed Development Site.

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1. Introduction

This Contaminated Land Report supports a planning application by Eastleigh Borough Council for a Solar Farm, ancillary infrastructure and Grid Connection on predominantly unused agricultural land off Allington Lane, near Eastleigh, in Hampshire (the Application). A Layout Plan has been provided separately as part of this Application (8121-DRW-DES-0027-Layout Plan-V1.0).

The Application is for a Solar Farm which will have a combined grid export capacity of up to 27 MW. The site is located on unused agricultural land off Allington Lane to the east south-east of Eastleigh, Hampshire for an installed period of 35 years as per the planning application. The Solar Farm will have a rated capacity up to 34MWp DC, however the total grid export capacity for the site is capped at 27MW. The proposal includes solar panels, security fencing, CCTV cameras, an internal access track, underground cabling, inverters, substations, grid connection, environmental enhancement measures and other ancillary development (the Proposed Development).

General Information regarding the environmental considerations for the Site was obtained from the Groundsure Report (Appendix B). The Groundsure Report includes information covering potentially sensitive land uses/receptors and industrial land uses, geology, hydrology, hydrogeology, discharge consents, pollution incidents and radon risk.

1.1. The Site

The Proposed Development site (Figure 1) is located on unused agricultural land situated between the settlements of Eastleigh, Hedge End, Horton Heath and West End to the north of the M27.

There are a few farmsteads, clusters of commercial buildings and individual properties close to the Proposed Development. The topography of the site and surrounding area consists of relatively flat and gentle gradually sloping plateau.

To the south of the site is the M27 which starts in Cadnam and ends in Portsmouth, spanning 24 miles and passing through both the Southampton and Fareham areas. The northern part of the site can be accessed from an access road off Allington Lane, running southeast from Chartwell Green to Fair Oak. The eastern part of the site can be accessed from a minor road off Burnetts Lane, running northeast from Chalcroft Business Park to Horton Heath and the southern part of the site can be accessed from a further minor road Hogwood Lane. The site is also dissected by the Eastleigh to Fareham railway line.

The small hamlet of Horton Heath lies to the north-east of the site and the larger hamlet of Fair Oak lies to the north of the proposed development.

Within the site there is pre-existing Solar Farm development with associated infrastructure operated by Eastleigh Borough Council and a residential property, Chalcroft Farm, located within the eastern Land Ownership Boundary.

There are a few farmsteads, clusters of commercial buildings, individual properties, the Eastleigh to Fareham Railway line and the close to the Proposed Development.

Although the land use of the site is unused agricultural land, the site is characterised by the aforementioned Eastleigh to Fareham Railway Line which dissects the site, multiple clusters of commercial properties and the pre-existing One Horton Heath Solar Farm development.

2. Current and Historical Land Uses

A Historic Land Characterisation was undertaken in the accompanying Archaeology and Cultural Heritage Assessment (Talbot 2023) using datasets obtained with permission from Hampshire County Council, as well as historical Ordnance Survey (OS) maps from the National Library of Scotland (NLS), covering the period 1871 to 1947. Historic maps were also obtained for this report from Groundsure, covering the period 1895 to Current OS. The existing field boundaries are vegetation lined hedgerows, with areas of woodland bordering the south-east and the south-west of the Site (Figure 2).

The Site has primarily been utilised for agricultural use since the medieval period (Talbot 2023), which is when the first references to Allington and Chalecroft Farms are noted (Figure 3). Across the western area of the Site the land was noted to be historic water meadows, dating from circa 17th century (the post-medieval period). These are areas of cultivated 'flooded' land, commonly noted within river catchment areas. For this Site the catchment is the River Itchen. There are two historic fishponds within the north of the Site, associated with Allington Farm. These are noted on the 1871 OS map (Talbot 2023) and were used for domestic aquaculture within economically diverse farmsteads. Off-site Chalecroft Farmstead included an abattoir in one of its buildings.

The historic London-Southwestern Railway (Portsmouth and Gosport Branch) bisects the Site and is currently known as the 'Eastleigh to Fareham Branch' and was built in 1859.

A series of Barrage Balloons were utilised at Allington Farm during World War II, due to Southampton and Portsmouth being valuable bombing targets. The accompanying UXO Report (Khan 2023) noted that a Bomb Strike was recorded within the south-west of the Site.

There are no buildings, or built structures noted, historic and current within the Site.

Within the Site, the Groundsure Report (Appendix B) noted the following assets as set out in Table 1 below.

Table 1: Historic Land Use within the Site

Land Use	Groundsure Reference	Dates Present	Description
Historical Industrial	1	1938-1957	Railway Cuttings
	2	1908	Railway Cuttings
	A	1957 and 1968	Railway Sidings
	B	1868 and 1895	Railway Cuttings
Waste Exemptions	1	Modern	Use of waste in construction

3. Geology and Ground Conditions

The underlying bedrock geology of the Application Site is Wittering Formation geology consisting of sand, silt and clay. It is a sedimentary bedrock formed between 56 and 41 million years ago. There is a variation of overlying superficial deposits across the Site with no superficial deposits across the west of the Site, and Alluvium consisting of clay, silt and gravel within the centre of the Site (BGS 2023). The soils (CSAI 2023) are recorded as being seasonally wet and slightly acidic but base rich with loamy and clayey soils. There are shrink-well clays of moderate high plasticity across the Site, with low 'running sands' (Groundsure 2023).

The Application Site is within the South Hampshire Lowlands National Character Area (NCA, 2019). This is defined as a low-lying plain between the chalk hills of Hampshire and the South Downs and the Southampton Water with several areas of Ancient Woodland which are a legacy of the Forest of Bere former Royal Hunting Forest. The following NCA Statement of Environmental Opportunity (SEO) is of relevance to this assessment:

SEO 3: Protect, manage and enhance the area's historic well-wooded character – including its ancient semi-natural woodlands, wood pasture and hedgerows – to increase biomass provision, link and strengthen habitats for wildlife, and improve recreational opportunities (p4).

The Itchen Valley Site of Special Scientific Interest (SSSI, Figure 2) is a major landscape feature on the southern and western adjacent boundary of the Site. The valley was formed as a result of the former riverine landscape joining the coast, resulting in water meadows, with areas of Ancient Woodland. Prior to the 1960's, much of the woodland was replaced with commercially viable timber, resulting in felling activities, while much of the Ancient Woodland has formerly been used for coppicing.

There are no borehole records within Site. The closest boreholes were located 226 and 245m north of the Site at Allington and were sunk to 6.0m depth (BGS 2023).

3.1. Hydrogeology

Within the west of the Site a Superficial Aquifer (Groundsure 2023: 40) described as '*permeable layers capable of supporting water supplies at a local, rather than strategic scale*' is recorded. Bedrock Aquifer is recorded across the Site.

There are no licensed Groundwater or Surface Water Abstraction zones within the Site.

There are six records of groundwater vulnerability recorded on Groundsure Report (Appendix B) as detailed in Table 2 below Groundwater vulnerability is described as High, Medium or Low.

Table 2: Groundwater Vulnerability

Groundsure ID	Superficial Geology	Bedrock Geology	Description
1	Vulnerability: Medium	Vulnerability: Medium	Secondary superficial aquifer
2	Vulnerability: Medium	Vulnerability: Medium	Secondary superficial aquifer
3	Vulnerability: Medium	Vulnerability: Low	Secondary superficial aquifer
4	N/A	Vulnerability: Medium	Secondary bedrock aquifer
5	N/A	Vulnerability: Medium	Secondary bedrock aquifer
6	N/A	Vulnerability: Low	Secondary bedrock aquifer

3.2. Hydrology

The River Itchen is a substantial landscape and hydrology presence which has an overall MODERATE rating, noted as being GOOD ecologically (Groundsure 2023: 55). The River Itchen groundwater is identified as being GOOD.

There is an overall HIGH risk of localised flooding as a result of the River Itchen, historically this data is present in known Water Meadows, located to the north and west of the Site. There have been no recorded flooding events within the Site, no flood defensive structure.

There are eight references in Groundsure to the detailed water network, which notes the central course of every river, stream, lake and canal. These watercourses within the Site are associated with the River Itchen as set out in Table 3 below.

Table 3: Watercourses present within the Site

Groundsure ID	Type	Ground Level	Permanence
A	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)
B	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)
C	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)
D	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)
E	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)
F	Inland river not influenced by normal tidal action	Underground and above ground presence	Watercourse contains water year round (in normal circumstances)
G	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)
H	Inland river not influenced by normal tidal action	On ground surface	Watercourse contains water year round (in normal circumstances)

4. Environmental and Engineering Considerations

There are no designated Environmental or Ecological sites within the Site boundary. The River Itchen SSSI lies approximately 420m to the west of the Site. There are two areas of Ancient Woodland, located to the adjacent west and south of the Site (shown in Figure 4).

There is one Nitrate Vulnerable Zone within the Site, which is the Hamble Estuary Eutrophic NVZ (TraC, Groundsure Report Appendix B). No invasive species were identified on the Site, although this will require confirmatory inspection of the Site and immediate surroundings prior to construction. Vigilance should be maintained during all future works for such species.

There are no Cultural Heritage, Areas of Outstanding Natural Beauty or National Parks designations within the Site or the immediate environs.

4.1. Industrial Land Uses (Trade Directory Entries)

The Groundsure Report (Appendix B) indicates that there are no trade directory entries within the Site, however there are seven historical references within 100m of the Site, with the latest operational license being 2014. This was associated with the Roddington Forge on Allington Lane and for water discharge into land.

4.2. Potential Contaminative Land

There are no active or recent landfill within or around the Site. There is one historical waste site, which was a scrap yard located 5m south-west. There were two licensed waste sites within 100m of the Site, associated with Roddington Forge. Roddington Forge also has a current waste exception license for use of waste in construction.

There are no existing industrial sites within the Site. There are three industrial sites within 100m of the Site, associated with a telecommunications mast, located 14m south-east, aviation engineering services 30m north and vehicles services located 60m south-west.

There have been no pollution instances within the Site. There was one pollution incident 4m south-west in 2003 which was a minor contaminated water pollutant.

There is one instance of surface mineral working within the Site for sand and gravel.

The Groundsure Report (Appendix B) indicates that the Site is within a lower probability radon area; therefore, radon gas protective measures are not required as part of the Development.

5. Contamination

5.1. Conceptual Site Model

Current guidance and best practice requires that a Conceptual Site Model (CSM) be derived from desk study information. This CSM formulates the likely hazards present at a site, the likely receptors and potential pathways connecting the two. The CSM is required prior to design of an appropriate investigation to determine if the potential linkages are in fact realised.

Potential Sources: Contamination may have arisen from present uses of the site, as highlighted by the site reconnaissance or from past uses, as highlighted by the history of the site, or from nearby present and past uses. These may be augmented by information provided by the regulators. Natural sources should be considered as well as man-made sources.

Potential Receptors: Receptors may include the end users of the site, the proposed structures or environmental receptors, such as water bodies, which could be harmed if impacted by a source of contamination. On-site and off-site receptors should be considered, together with their sensitivity to any contamination.

Potential Pathways: Pathways connect sources to receptors. They will be dependent on various factors, such as the nature of the source and the receptor and other factors such as the environment, geology, etc. Potential changes and their impact should also be considered, either as a result of the proposed development itself or developments anticipated in the area.

5.2. Potential Sources of Contamination

The site seems to have been largely agricultural land since the first editions of the Ordnance Survey maps (Table 4). Within the south and south-west of the Site it was noted there was potential evidence of fly-tipping, with industrial and mechanical waste units and discarded tyres recorded within this portion of the Site. Figure 4 below summarises the potential contaminants. A contaminated land walkover survey undertaken 2023, did not identify any contaminants active on site.

The site currently consists of two bunds of mixed materials and stones which are heavily vegetated. These have been assessed as hosting Japanese Knotweed which has likely been transferred from recent works on the railway, by which the bunds were formed. It is the Applicant's understanding that a suitably qualified contractor will be approached pre-construction to remove the bunds and dispose of the Japanese Knotweed entirely, removing any risk of this being a contamination source.

Made ground can theoretically be a source of ground gas. These areas are not proposed to be excavated and one is to be used as the temporary construction compound.

Allington and Chalecroft Farms could be potential sources of contamination. Both farms reflect diversification, with fishponds in the case of Allington, and in the case Chalecroft, by its former abattoir structure. The abattoir was constructed in 1927, however is now used as general storage (Talbot 2023). There is also potential for asbestos from the farm buildings. Both Allington and Chalecroft farm buildings are located off site.

The bisecting railway line, with the railway cuttings and sleeper contamination could also include metals, acids and alkalis and wide-ranging hydrocarbons, especially since the railway was developed during the steam-powered generation, with the use of diesel and electric trains now running on the line. The railway line is located off-site. Other contaminants could include lubricating oils, engine oil, transmission oils and polyaromatic hydrocarbons, all located off site and associated with industrial estate usage circa 20m south of the Site.

Table 4: Potential contaminants

Site Use	Sources	Potential Contaminants
----------	---------	------------------------

Historical On Site	Farmland	None Anticipated
	Railway	Metals including vanadium, hydrocarbons, including PAHs, acids and alkalis.
Historical Off Site	Localised farmsteads	Metals including vanadium, hydrocarbons, including PAHs, acids and alkalis, and asbestos.
Current On Site	Farmland	None Anticipated
	Railway	Metals including vanadium, hydrocarbons, including PAHs, acids and alkalis.
Current Off Site	Localised Farmsteads	Metals including vanadium, hydrocarbons, including PAHs, acids and alkalis, and asbestos.
	Chalecroft Distribution Park	

5.3. Potential Receptors Identified

The proposed use is as a solar farm site. This is considered to be a very low-risk use in terms of human health, where the site will be visited for maintenance only after construction.

The following receptors can be identified with respect to the proposed development:

- Site personnel during the construction phase;
- Human end users (adult staff, maintenance);
- Groundwater;
- Surface Waters;
- The proposed solar panels, batteries, transformers, substations, etc., including buried concrete foundations; and
- Buried services.

The development will not contain soft landscaping. The site has minor hydrological connectivity to The River Itchen, so surface waters may be sensitive to any contamination at the site. Groundwater must be considered, though the quality of this is understood to be moderate to good. The risk that any contamination may pose to buried water supply pipes may also need to be considered if there are to be water supplies to accommodation on site.

5.4. Potential Pathways Identified

Considering humans as a potential receptor, pathways may exist from inhalation (dust and, if any present, vapours), ingestion or by direct contact with contamination.

Possible pathways for contamination to reach groundwater and surface water are by leaching, contaminants infiltrating surface water and pore water and by free product flow of any more mobile contaminants such as hydrocarbons. Therefore, groundwater can be considered as both a pathway and a receptor for contamination. If ground gas is present, it could enter buildings and build up in confined spaces. However, it should be noted that the only buildings proposed on site (as opposed to solar panels, which are open structures) will be at least 500m from any identified source of ground gas, so this pathway is unlikely to be present.

Water supply pipes may be at risk from direct contact with contaminated soil. However, again the only accommodation anticipated on site lies well away from any identified locations where made ground is likely, so this pathway is unlikely to be present. Consideration should also be given to the risk of sulphate and acid attack on buried concrete (such as foundations and buried utilities) from natural sources as well as any made ground. This is a normal requirement in any ground investigation, whether the site is contaminated or not.

5.5. Preliminary Qualitative Risk Assessment

As can be seen from Table 5 below, the risks are generally assessed as low and relates to the short-term human health risk during construction.

Table 5: Risk Assessment

Source	Pathway	Receptor	Likelihood of Occurrence	Consequence of Occurrence	Risk
Toxic Metals (any made ground & possible migration from Allington and Chalecroft)	Inhalation, ingestion, direct contact	Humans	Low/ Moderate (Construction Workers)	Low	Low/ Moderate
	Leaching	Groundwater	Low	Low	Low
	Migration via permeable strata	Surface water	Low	Low	Low
Hydrocarbons and PAHs (any made ground & possible migration from Allington and Chalecroft)	Inhalation, ingestion, direct contact	Humans	Low	Low/ Moderate	Low/ Moderate
	Leaching	Groundwater	Low	Low	Low
	Migration via permeable strata	Surface Water	Low	Low	Low
	Direct contact	Water supply pipes	Low	Low	Low
Asbestos (any made ground or close to Allington)	Inhalation of dust	Humans	Low	Low/ Moderate	Low/ Moderate
Sulphates and Corrosives	Direct contact	Foundations	Low	Low	Low
		Humans	Low	Low	Low
Ground Gases (if any significant made ground near to confined structures - unlikely)	Asphyxiation or explosion	Humans	Very Low	Moderate	Low
	Explosion	Buildings	Very Low	Moderate	Low

6. Proposed Ground Investigation

It is proposed that no further ground investigations are undertaken due to the overarching low risk of contamination on the Site.

The method of construction used for the Development (Solar Farm), means that ground excavations will be minimal and construction personnel will have minimal exposure to any potential contaminants within the soil.

Vigilance should be maintained for potential unrecorded contamination sources during any future assessments and intrusive site works. In the event that potentially contaminated materials are encountered, samples should be taken, and a subsequent risk assessment and remediation strategy may be required.

Site personnel should wear appropriate PPE and conduct good site hygiene during all works; this may include the use of hand protection.

This mitigation should be implemented as a condition for the duration of the construction of the Proposed Development Site.

6.1. Conclusion

Based on the completed assessment, the site and proposed development is considered to be relatively low-risk in terms of contamination. The above conditions are recommended in order to protect site personnel should contamination be encountered and to ensure the correct risk assessment and remediation strategy.

It is considered to be most unlikely that the site is unsuitable for the proposed development, even in the unlikely event that contamination is encountered. There would therefore appear to be no reason why any remaining risk could not be addressed by a post-consent planning condition. n.

7. References

Environment Agency Land Contamination: Risk Management (LCRM) guidance (2020)

BS 10175 'Investigation of Potentially Contaminated Sites;

CIRIA Report C552, Contaminated Land Risk Assessment. A Guide to Good Practice (2001)

CIRIA Report C665, Assessing Risks Posed by Hazardous Ground Gases to Buildings (2007)

British Geological Survey, Geology of Britain Viewer (Classic) (2023)

British Geological Survey (BGS) (2023) GeoIndex Onshore Borehole Records and Scans

Talbot, A (2023) Allington Lane Archaeology and Cultural Heritage Assessment

Groundsure Location Intelligence (2023) Enviro+Geo Insight GS-E7S-RDZ-5JY-WWV

Appendix A. Figures

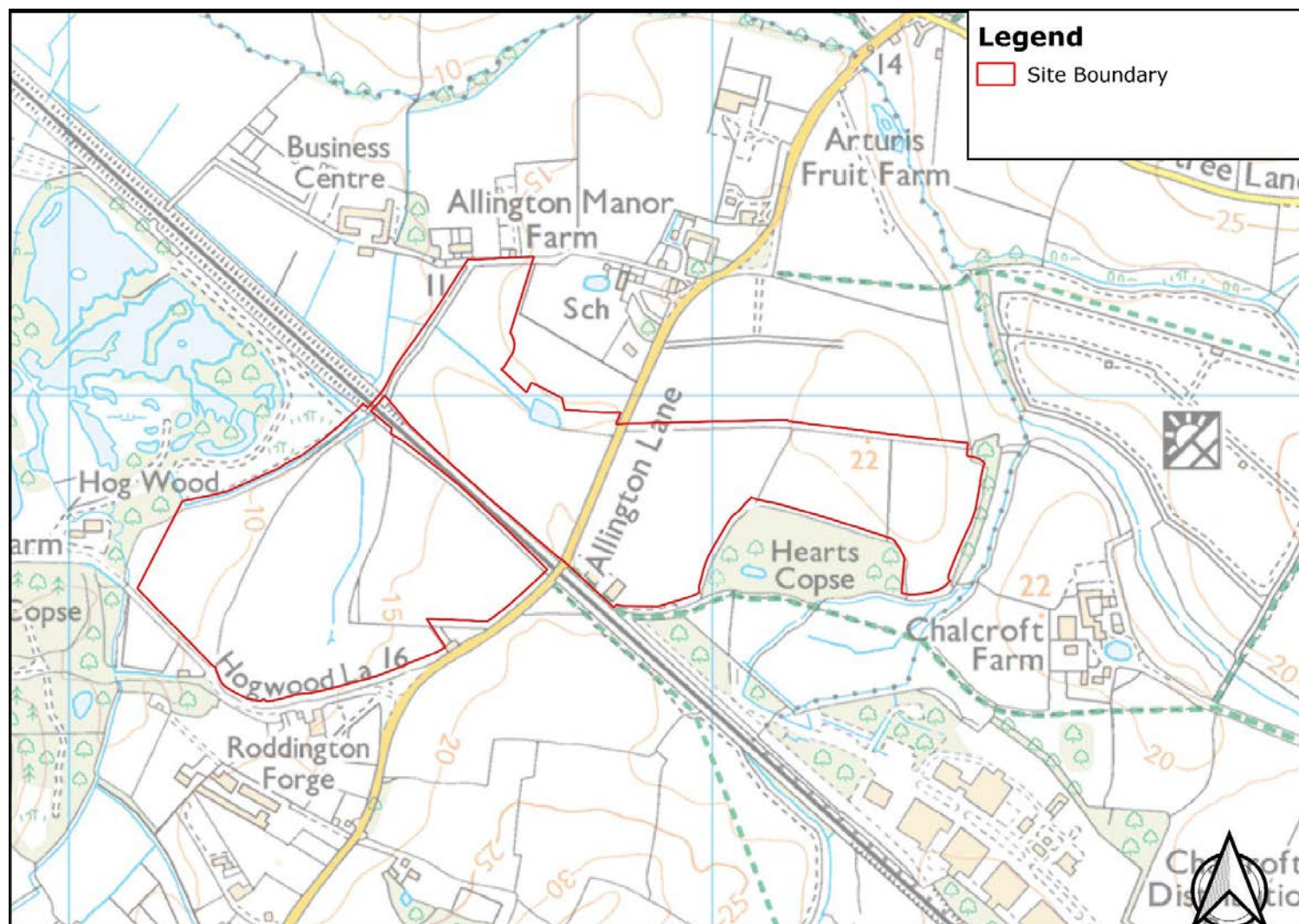


Figure 1: Site Location

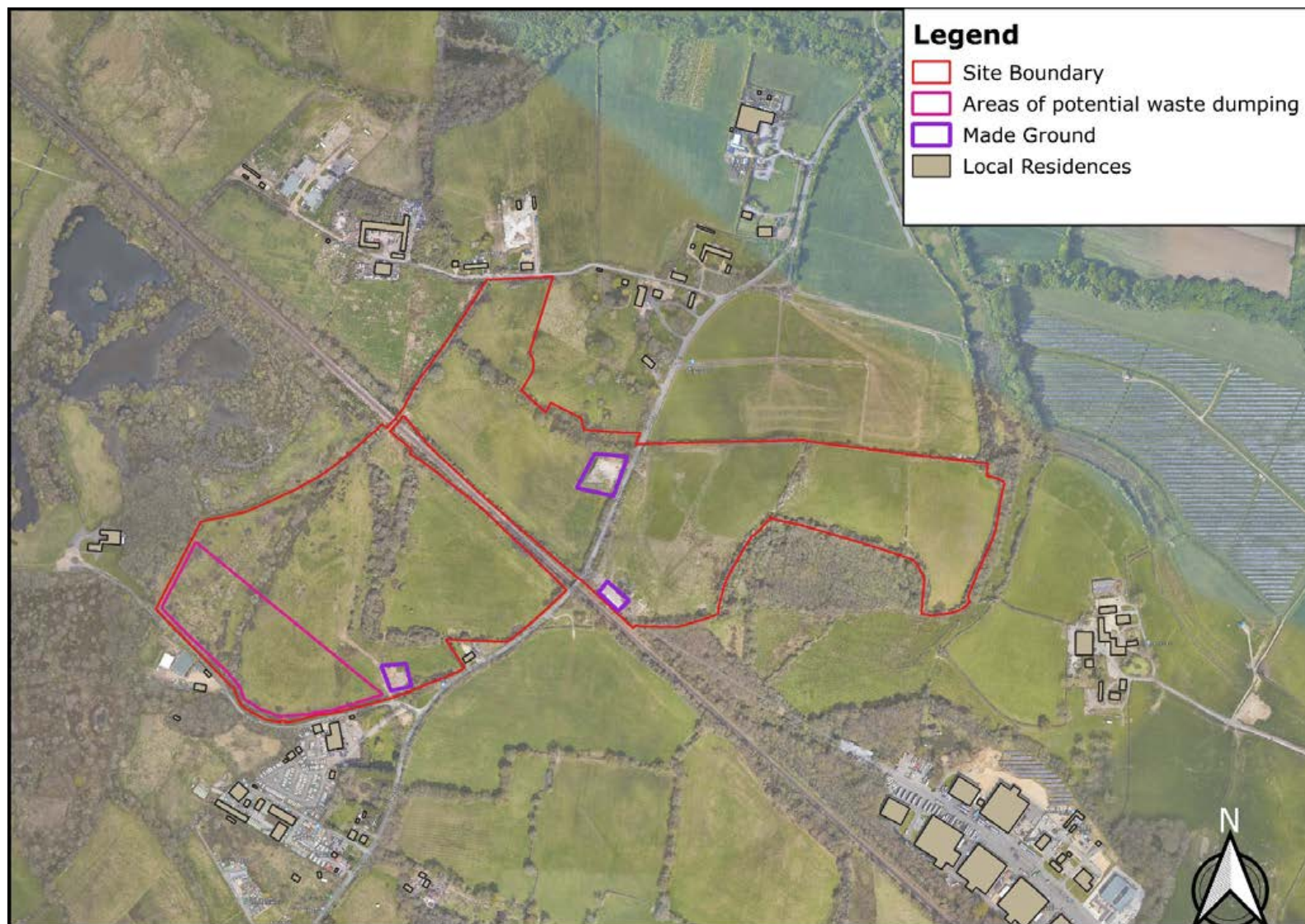


Figure 2: Current Land-use

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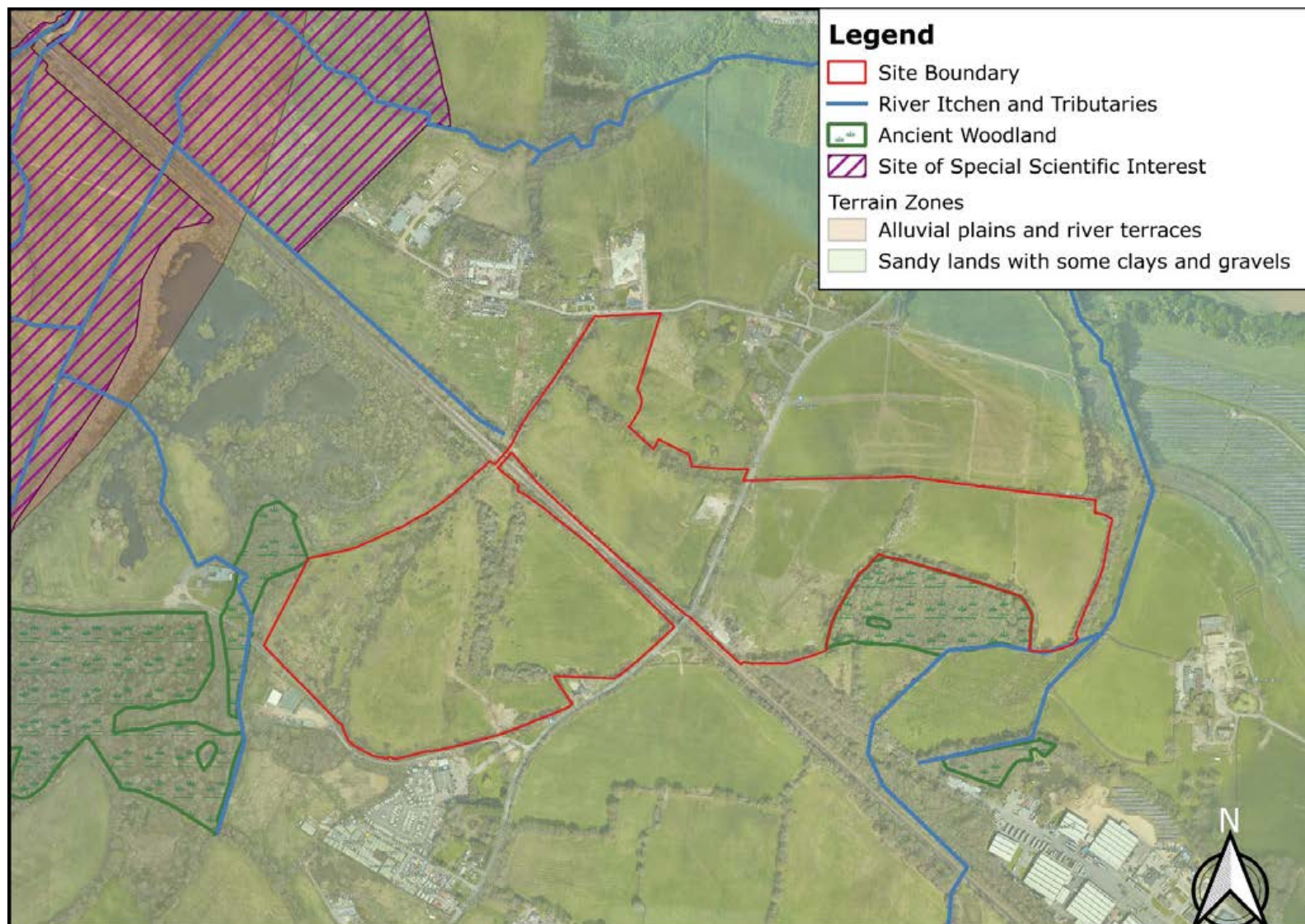


Figure 4: Cumulative Environmental Land-use

Appendix B. Groundsure Report

Please see separate document.

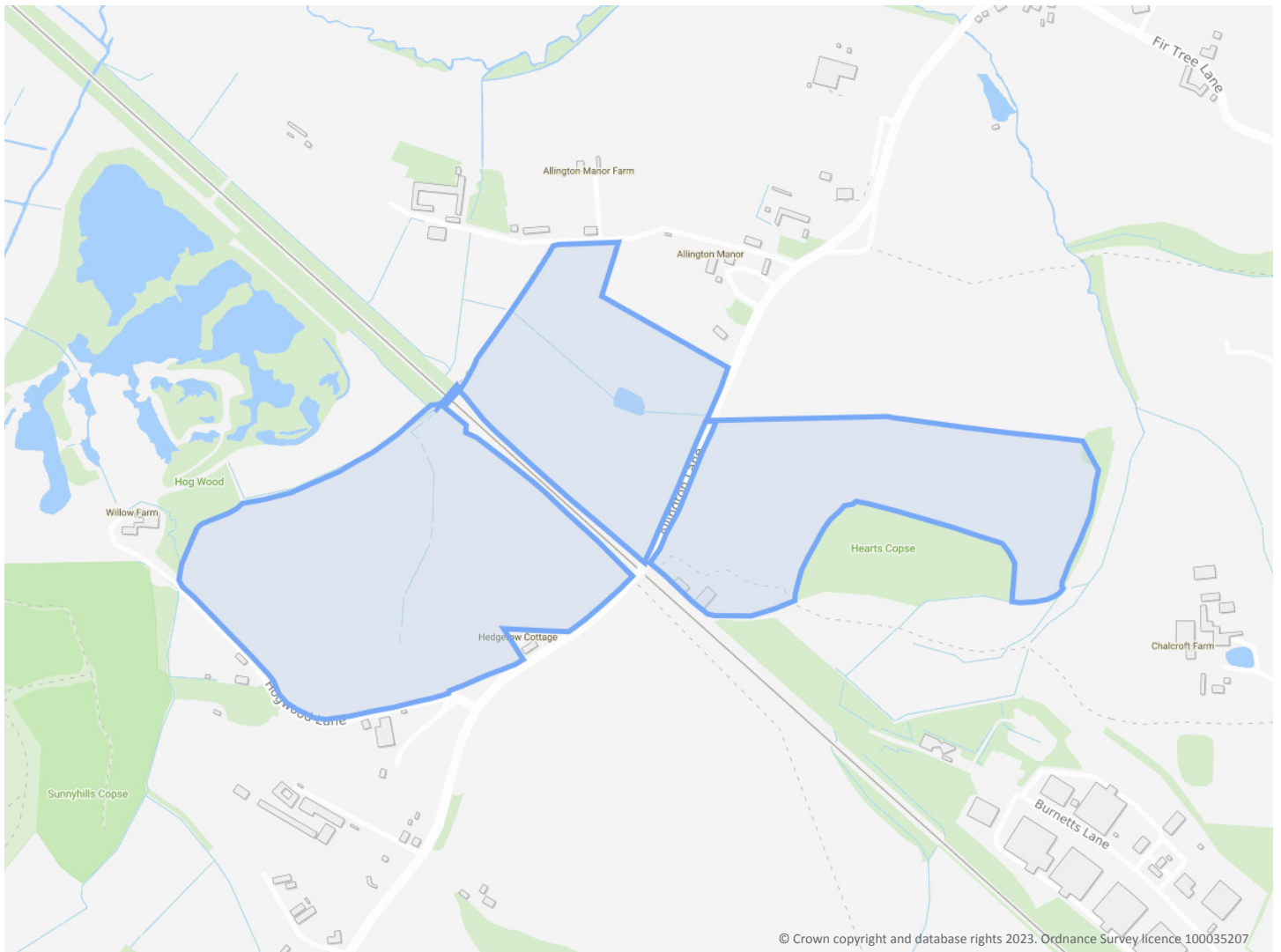
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Order Details

Date: 10/10/2023
Your ref: 8121
Our Ref: GS-E7S-RDZ-5JY-WWV

Site Details

Location: 447777 116816
Area: 38.63 ha
Authority: [Eastleigh Borough Council](#) ↗



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Summary of findings

[p. 2 >](#)

Aerial image

[p. 9 >](#)

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide ↗

Contact us with any questions at:

info@groundsure.com ↗

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Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	6	2	4	6	-
15 >	1.2 >	Historical tanks >	0	0	1	2	-
16	1.3	Historical energy features	0	0	0	0	-
16	1.4	Historical petrol stations	0	0	0	0	-
16	1.5	Historical garages	0	0	0	0	-
17	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
18 >	2.1 >	Historical industrial land uses >	7	2	5	9	-
19 >	2.2 >	Historical tanks >	0	0	1	2	-
20	2.3	Historical energy features	0	0	0	0	-
20	2.4	Historical petrol stations	0	0	0	0	-
20	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
21	3.1	Active or recent landfill	0	0	0	0	-
21	3.2	Historical landfill (BGS records)	0	0	0	0	-
22	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
22	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
22 >	3.5 >	Historical waste sites >	0	1	0	0	-
22 >	3.6 >	Licensed waste sites >	0	1	3	3	-
24 >	3.7 >	Waste exemptions >	1	2	33	13	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
30 >	4.1 >	Recent industrial land uses >	0	2	12	-	-
32	4.2	Current or recent petrol stations	0	0	0	0	-
32	4.3	Electricity cables	0	0	0	0	-
32	4.4	Gas pipelines	0	0	0	0	-
32	4.5	Sites determined as Contaminated Land	0	0	0	0	-



32	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
33	4.7	Regulated explosive sites	0	0	0	0	-
33	4.8	Hazardous substance storage/usage	0	0	0	0	-
33	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
33	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
33	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
34	4.12	Radioactive Substance Authorisations	0	0	0	0	-
34 >	4.13 >	<u>Licensed Discharges to controlled waters</u> >	0	5	14	2	-
37	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
37	4.15	Pollutant release to public sewer	0	0	0	0	-
38	4.16	List 1 Dangerous Substances	0	0	0	0	-
38	4.17	List 2 Dangerous Substances	0	0	0	0	-
38 >	4.18 >	<u>Pollution Incidents (EA/NRW)</u> >	0	1	2	0	-
39	4.19	Pollution inventory substances	0	0	0	0	-
39	4.20	Pollution inventory waste transfers	0	0	0	0	-
39	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology</u> >	On site	0-50m	50-250m	250-500m	500-2000m
40 >	5.1 >	<u>Superficial aquifer</u> >	Identified (within 500m)				
41 >	5.2 >	<u>Bedrock aquifer</u> >	Identified (within 500m)				
42 >	5.3 >	<u>Groundwater vulnerability</u> >	Identified (within 50m)				
44	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
44	5.5	Groundwater vulnerability- local information	None (within 0m)				
45	5.6	Groundwater abstractions	0	0	0	0	0
46 >	5.7 >	<u>Surface water abstractions</u> >	0	0	0	1	1
46	5.8	Potable abstractions	0	0	0	0	0
47	5.9	Source Protection Zones	0	0	0	0	-
47	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology</u> >	On site	0-50m	50-250m	250-500m	500-2000m
48 >	6.1 >	<u>Water Network (OS MasterMap)</u> >	10	12	49	-	-



54 >	6.2 >	Surface water features >	1	11	46	-	-
54 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
55 >	6.4 >	WFD Surface water bodies >	1	0	0	-	-
55 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
56 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
57	7.2	Historical Flood Events	0	0	0	-	-
57	7.3	Flood Defences	0	0	0	-	-
57	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
57	7.5	Flood Storage Areas	0	0	0	-	-
58 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
59 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
60 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
62 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
63 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	1	1
64	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
64 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	1	0
65	10.4	Special Protection Areas (SPA)	0	0	0	0	0
65	10.5	National Nature Reserves (NNR)	0	0	0	0	0
65	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
65 >	10.7 >	Designated Ancient Woodland >	2	0	2	1	11
66	10.8	Biosphere Reserves	0	0	0	0	0
66	10.9	Forest Parks	0	0	0	0	0
67	10.10	Marine Conservation Zones	0	0	0	0	0
67	10.11	Green Belt	0	0	0	0	0
67	10.12	Proposed Ramsar sites	0	0	0	0	0



67	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
67	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
68	10.15	Nitrate Sensitive Areas	0	0	0	0	0
68 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	1
69 >	10.17 >	SSSI Impact Risk Zones >	3	-	-	-	-
72 >	10.18 >	SSSI Units >	0	0	0	7	23
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
88	11.1	World Heritage Sites	0	0	0	-	-
88	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
88	11.3	National Parks	0	0	0	-	-
88	11.4	Listed Buildings	0	0	0	-	-
89	11.5	Conservation Areas	0	0	0	-	-
89	11.6	Scheduled Ancient Monuments	0	0	0	-	-
89	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
90 >	12.1 >	Agricultural Land Classification >	Grade 4 (within 250m)				
91	12.2	Open Access Land	0	0	0	-	-
92 >	12.3 >	Tree Felling Licences >	1	0	0	-	-
92	12.4	Environmental Stewardship Schemes	0	0	0	-	-
92 >	12.5 >	Countryside Stewardship Schemes >	0	0	1	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
93 >	13.1 >	Priority Habitat Inventory >	5	11	41	-	-
96 >	13.2 >	Habitat Networks >	0	0	3	-	-
96	13.3	Open Mosaic Habitat	0	0	0	-	-
96	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	14.1 >	10k Availability >	Identified (within 500m)				
98 >	14.2 >	Artificial and made ground (10k) >	0	0	1	0	-
99 >	14.3 >	Superficial geology (10k) >	3	0	0	0	-

100	14.4	Landslip (10k)	0	0	0	0	-
101 >	14.5 >	Bedrock geology (10k) >	1	0	0	2	-
102	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	15.1 >	50k Availability >	Identified (within 500m)				
104 >	15.2 >	Artificial and made ground (50k) >	1	0	2	1	-
105 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
106 >	15.4 >	Superficial geology (50k) >	1	1	0	0	-
107 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
107	15.6	Landslip (50k)	0	0	0	0	-
107	15.7	Landslip permeability (50k)	None (within 50m)				
108 >	15.8 >	Bedrock geology (50k) >	1	0	0	2	-
109 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
109	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
110 >	16.1 >	BGS Boreholes >	0	0	2	-	-
Page	Section	Natural ground subsidence >					
111 >	17.1 >	Shrink swell clays >	Moderate (within 50m)				
112 >	17.2 >	Running sands >	Low (within 50m)				
114 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
116 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
118 >	17.5 >	Landslides >	Very low (within 50m)				
119 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
121	18.1	BritPits	0	0	0	0	-
122 >	18.2 >	Surface ground workings >	13	13	10	-	-
123	18.3	Underground workings	0	0	0	0	0
123	18.4	Underground mining extents	0	0	0	0	-
124 >	18.5 >	Historical Mineral Planning Areas >	1	0	0	0	-



124	18.6	Non-coal mining	0	0	0	0	0
124	18.7	JPB mining areas	None (within 0m)				
124	18.8	The Coal Authority non-coal mining	0	0	0	0	-
125	18.9	Researched mining	0	0	0	0	-
125	18.10	Mining record office plans	0	0	0	0	-
125	18.11	BGS mine plans	0	0	0	0	-
125	18.12	Coal mining	None (within 0m)				
125	18.13	Brine areas	None (within 0m)				
126	18.14	Gypsum areas	None (within 0m)				
126	18.15	Tin mining	None (within 0m)				
126	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
127	19.1	Natural cavities	0	0	0	0	-
127	19.2	Mining cavities	0	0	0	0	0
127	19.3	Reported recent incidents	0	0	0	0	-
127	19.4	Historical incidents	0	0	0	0	-
128	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
129 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
131 >	21.1 >	BGS Estimated Background Soil Chemistry >	13	7	-	-	-
132	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
132	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
133	22.1	Underground railways (London)	0	0	0	-	-
133	22.2	Underground railways (Non-London)	0	0	0	-	-
134	22.3	Railway tunnels	0	0	0	-	-
134 >	22.4 >	Historical railway and tunnel features >	2	1	1	-	-
134	22.5	Royal Mail tunnels	0	0	0	-	-



135	22.6	Historical railways	0	0	0	-	-
135 >	22.7 >	Railways >	3	9	1	-	-
136	22.8	Crossrail 1	0	0	0	0	-
136	22.9	Crossrail 2	0	0	0	0	-
136	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 05/04/2020

Site Area: 38.63ha



Recent site history - 2017 aerial photograph



Capture Date: 21/06/2017

Site Area: 38.63ha



Recent site history - 2013 aerial photograph



Capture Date: 04/06/2013

Site Area: 38.63ha

Recent site history - 2005 aerial photograph



Capture Date: 23/06/2005

Site Area: 38.63ha



Recent site history - 1999 aerial photograph



Capture Date: 30/04/1999

Site Area: 38.63ha



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— Site Outline

Search buffers in metres (m)

 Historical industrial land uses

 Historical tanks

Records within 500m	18
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Features are displayed on the Past land use map on [page 14 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Cuttings	1938 - 1957	1912011

ID	Location	Land use	Dates present	Group ID
2	On site	Cuttings	1908	1924562
A	On site	Railway Sidings	1968	1899430
A	On site	Railway Sidings	1957	1962790
B	On site	Cuttings	1895	1905440
B	On site	Cuttings	1868	1907037
3	3m SE	Cuttings	1908	1892079
4	15m SW	Forge	1989	1863187
C	141m SE	Unspecified Commercial/Industrial	1981 - 1989	1963518
C	151m SE	Unspecified Commercial/Industrial	1957	1887672
C	174m SE	Unspecified Depot	1968	1861921
5	236m SE	Railway Building	1957	1866344
C	268m SE	Railway Sidings	1981 - 1989	1893864
7	349m SE	Cuttings	1968	1907592
E	418m SE	Cuttings	1957	1917017
8	422m SE	Cuttings	1908 - 1938	1951069
E	441m SE	Cuttings	1981 - 1989	1938077
9	455m SW	Refuse Heap	1868	1883972

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

3

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 14 >](#)

ID	Location	Land use	Dates present	Group ID
6	247m SE	Unspecified Tank	1996	302943



ID	Location	Land use	Dates present	Group ID
D	367m SE	Unspecified Tank	1996	302938
D	401m SE	Unspecified Tank	1996	302939

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

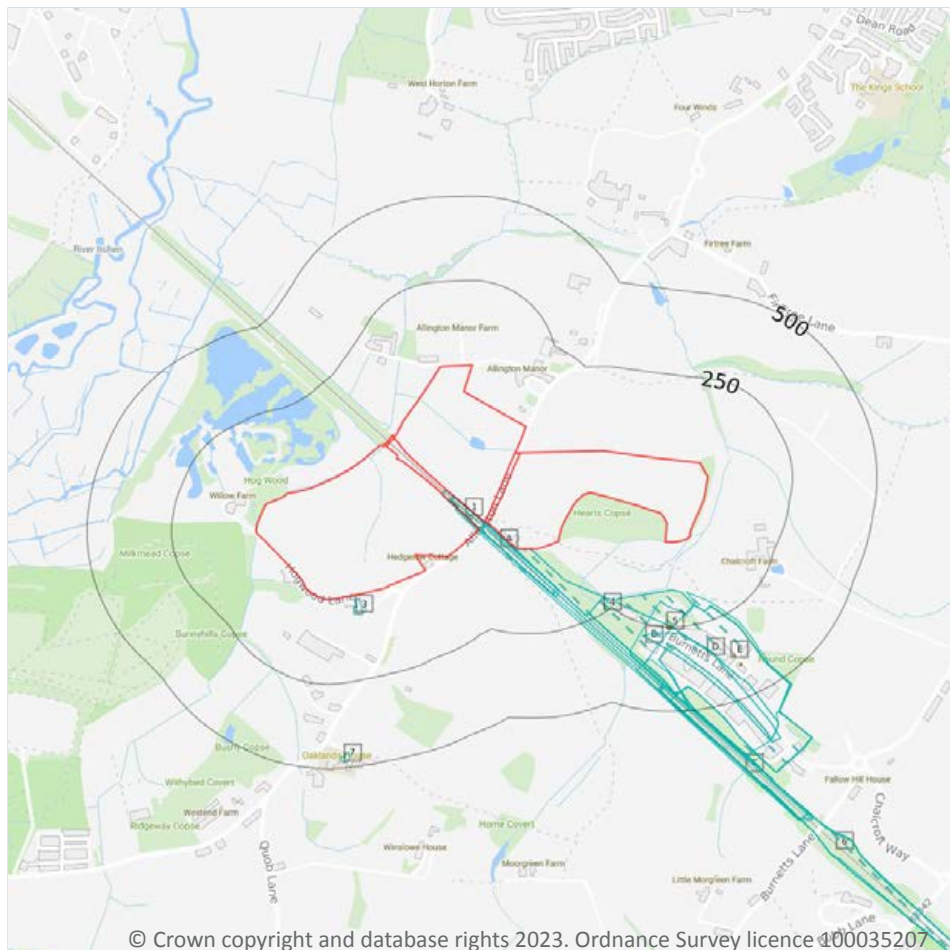
0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks

2.1 Historical industrial land uses

Records within 500m

23

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 18](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Cuttings	1908	1924562
A	On site	Cuttings	1957	1912011
A	On site	Cuttings	1938	1912011



ID	Location	Land Use	Date	Group ID
B	On site	Railway Sidings	1968	1899430
B	On site	Railway Sidings	1957	1962790
C	On site	Cuttings	1895	1905440
C	On site	Cuttings	1868	1907037
2	3m SE	Cuttings	1908	1892079
3	15m SW	Forge	1989	1863187
D	141m SE	Unspecified Commercial/Industrial	1989	1963518
D	141m SE	Unspecified Commercial/Industrial	1981	1963518
D	151m SE	Unspecified Commercial/Industrial	1957	1887672
D	174m SE	Unspecified Depot	1968	1861921
4	236m SE	Railway Building	1957	1866344
D	268m SE	Railway Sidings	1989	1893864
D	268m SE	Railway Sidings	1981	1893864
6	349m SE	Cuttings	1968	1907592
F	418m SE	Cuttings	1957	1917017
G	422m SE	Cuttings	1908	1951069
G	424m SE	Cuttings	1938	1951069
F	441m SE	Cuttings	1989	1938077
F	441m SE	Cuttings	1981	1938077
7	455m SW	Refuse Heap	1868	1883972

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

3

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 18 >](#)



ID	Location	Land Use	Date	Group ID
5	247m SE	Unspecified Tank	1996	302943
E	367m SE	Unspecified Tank	1996	302938
E	401m SE	Unspecified Tank	1996	302939

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

0

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

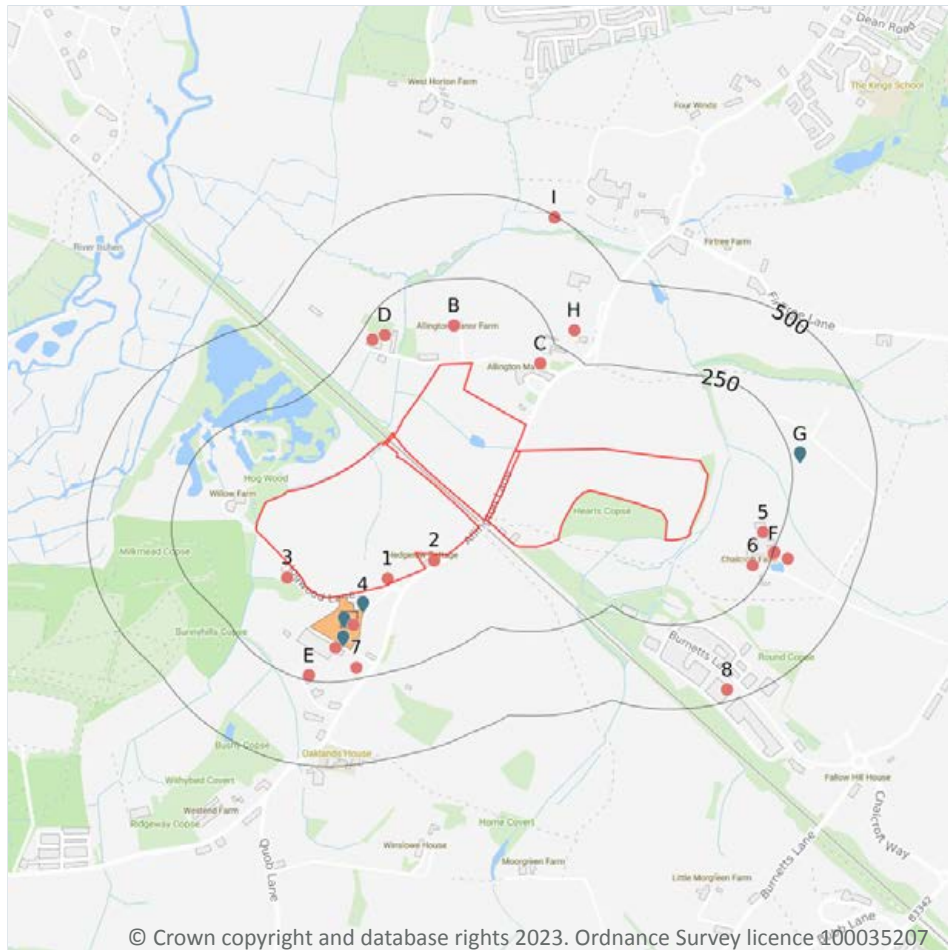
0

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m**0**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m**1**

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 21 >](#)

ID	Location	Address	Further Details	Date
A	5m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1996

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m**7**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 21 >](#)



ID	Location	Details		
4	38m SW	Site Name: Roddington Forge Site Address: Rodney William Wright, Roddington Forge, Allington Lane, West End, Southampton, Hampshire, SO30 3HQ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 656848 EPR reference: EA/EPR/CP3692HE Operator: Rodney William Wright Waste Management licence No: 19934 Annual Tonnage: 4999	Issue Date: 24/09/1993 Effective Date: 24/09/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 24/09/1993 Status: Expired
A	70m SW	Site Name: Roddington Forge Limited Site Address: Ms Kim Wright, Ms Nichola Wright & Mrs Alison Trewin, Roddington Forge, Allington Lane, West End, Southampton, Hampshire, SO30 3HQ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 632633 EPR reference: EA/EPR/BP3898HX Operator: Ms Kim Wright, Ms Nichola Wright & Mrs Alison Trewin Waste Management licence No: 10282 Annual Tonnage: 2500	Issue Date: 21/01/2008 Effective Date: 21/01/2008 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 21/01/2008 Status: Issued
A	125m SW	Site Name: Roddington Forge Site Address: Roddington Forge, Allington Lane, West End, Southampton, Hampshire, SO30 3HZ Correspondence Address: Roddington Forge, Allington Lane, Southampton, Hants, SO30 3HZ	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JMA001 EPR reference: - Operator: Mr Kevin Homer & Mrs Hayley Homer Waste Management licence No: 19929 Annual Tonnage: 0	Issue Date: 21/06/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	125m SW	Site Name: Roddington Forge Site Address: J M A Salvage Limited, Roddington Forge, Allington Lane, West End, Southampton, Hampshire, SO30 3HZ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 638311 EPR reference: EA/EPR/CP3992HY Operator: J M A Salvage Limited Waste Management licence No: 19929 Annual Tonnage: 0	Issue Date: 21/06/1993 Effective Date: 21/06/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 21/06/1993 Status: Surrendered



ID	Location	Details		
G	278m E	Site Name: Mobile Plant Site Address: - Correspondence Address: Eagle House, The Ring, Bracknell, Berkshire, RH12 1HB	Type of Site: Mobile Plant Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BIO013 EPR reference: - Operator: Biogenie Site Remediation Ltd Waste Management licence No: 83558 Annual Tonnage: 0	Issue Date: 22/04/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	278m E	Site Name: Mobile Plant Site Address: - Correspondence Address: -	Type of Site: Mobile Plant Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BIO002 EPR reference: EA/EPR/ZP3790ET/S003 Operator: Biogenie Site Remediation Ltd Waste Management licence No: 83361 Annual Tonnage: 74999	Issue Date: 20/02/2002 Effective Date: - Modified: 23/12/2004 Surrendered Date: Jul 18 2006 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
G	278m E	Site Name: Mobile Site Address: - Correspondence Address: -	Type of Site: Mobile Plant Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BIO004 EPR reference: EA/EPR/VP3890EG/S003 Operator: Biogenie Site Remediation Ltd Waste Management licence No: 83424 Annual Tonnage: 74999	Issue Date: 25/04/2003 Effective Date: - Modified: 12/04/2005 Surrendered Date: Jul 18 2006 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m

49

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 21 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
1	On site	The Forge Allington Lane Southampton Hants SO30 3HQ	EPR/RF0401EZ /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
2	20m S	Innersfree Allington Lane Hampshire SO50 7DE	EPR/GE5982W R/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
3	33m SW	MILKMEAD FARM, HOGWOOD LANE, WEST END, SOUTHAMPTON, SO30 3HZ	WEX120515	Using waste exemption	On a farm	Use of waste in construction
A	93m SW	Roddington Forge Allington Lane Hampshire	EPR/AE5185RJ /A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
B	111m N	Farm Buildings, Railway line, Allington Lane, Eastleigh, SO50 7DE	WEX149503	Disposing of waste exemption	On a Farm	Burning waste in the open
B	111m N	THE GARDEN SOCIETY, OLD ARTURI GARDEN CENTRE, ALLINGTON LANE, FAIR OAK, SO50 7DE	WEX120512	Using waste exemption	Not on a farm	Use of waste in construction
B	111m N	ARTURI GARDEN CENTRE, ALLINGTON LANE, WEST END, SOUTHAMPTON, SO50 7DE	WEX124865	Using waste exemption	Not on a farm	Use of waste in construction
B	111m N	-	WEX295330	Using waste exemption	Not on a Farm	Use of waste in construction
A	151m SW	SEDDUL BAHR INDUSTRIAL ESTATE, ALLINGTON LANE, WEST END, SOUTHAMPTON, SO30 3HP	WEX044842	Using waste exemption	Not on a farm	Use of waste in construction
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX193918	Disposing of waste exemption	On a Farm	Burning waste in the open
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX193918	Using waste exemption	On a Farm	Use of waste in construction
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX193918	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX193918	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX320710	Using waste exemption	On a farm	Use of waste in construction
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX320710	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX320710	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	177m NE	Manor Fruit Farm, Allington Lane, Fair Oak, Eastleigh, SO50 7DE	WEX320710	Disposing of waste exemption	On a farm	Burning waste in the open
C	177m NE	Farm Buildings, Railway line, Allington Lane, Eastleigh, SO50 7DE	WEX287260	Disposing of waste exemption	On a farm	Burning waste in the open
C	177m NE	THE GARDEN SOCIETY, ALLINGTON LANE, SOUTHAMPTON, SO50 7DE	WEX299751	Using waste exemption	Not on a Farm	Use of waste in construction
D	186m NW	Unit 5 Allington Manor Business Centre, Allington Lane, Eastleigh, SO50 7DE	EA/EPR/VP398 7EJ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	186m NW	UNIT 5, ALLINGTON MANOR BUSINESS CENTRE,ALLINGTON LANE,EASTLEIGH SO50 7DE	EXP/VP3987EJ	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
5	201m E	-	WEX287951	Using waste exemption	Not on a farm	Use of waste in construction
6	208m E	CHALCROFT FARM, BURNETTS LANE, WEST END, SOUTHAMPTON, SO30 2HU	WEX109414	Using waste exemption	On a farm	Use of waste in construction
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX147066	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX147247	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX147247	Treating waste exemption	Not on a farm	Sorting mixed waste
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX147247	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX147247	Treating waste exemption	Not on a farm	Manual treatment of waste
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX284653	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX284825	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX284825	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX284825	Treating waste exemption	Not on a farm	Manual treatment of waste
D	209m NW	ALLINGTON MANOR BUSINESS CENTRE, UNIT 15, ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX284825	Treating waste exemption	Not on a farm	Sorting mixed waste
7	217m SW	LITTLE ACRE, ALLINGTON LANE, WEST END, SOUTHAMPTON, SO30 3HP	WEX045025	Using waste exemption	On a farm	Use of waste in construction
E	237m SW	W H A INDUSTRIAL ESTATE, UNIT 14, ALLINGTON LANE, WEST END, SOUTHAMPTON, SO30 3HP	WEX144364	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
E	237m SW	W H A INDUSTRIAL ESTATE, UNIT 14, ALLINGTON LANE, WEST END, SOUTHAMPTON, SO30 3HP	WEX282734	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	252m E	Chalcroft Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/AF0105PT /A001	Treating waste exemption	Agricultural Waste Only	Recovery of scrap metal
F	252m E	Chalcroft Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/AF0105PT /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
F	252m E	Chalcroft Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/AF0105PT /A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
F	252m E	Chalcroft Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/AF0105PT /A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
F	252m E	Chalcroft Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/AF0105PT /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
F	253m E	CHALCROFT FARM, BURNETTS LANE, WEST END, SOUTHAMPTON, SO30 2HU	WEX100205	Using waste exemption	On a farm	Use of waste in construction
F	297m E	Little Moorgreen Farm Burnetts Lane SOUTHAMPTON SO30 2HU	EPR/HE5686W J/A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
H	311m NE	ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX033662	Using waste exemption	On a farm	Use of mulch
H	311m NE	ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX033662	Disposing of waste exemption	On a farm	Burning waste in the open
H	311m NE	ALLINGTON LANE, FAIR OAK, EASTLEIGH, SO50 7DE	WEX033662	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
8	467m SE	Ground Floor Brunel House, Unit 14 Chalcroft Business Park West End SO30 2PA	EPR/XF0701M T/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in secure containers
I	493m N	Old street farm old street chieveley berkshire rg20 8su	EPR/RF0033HE /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open

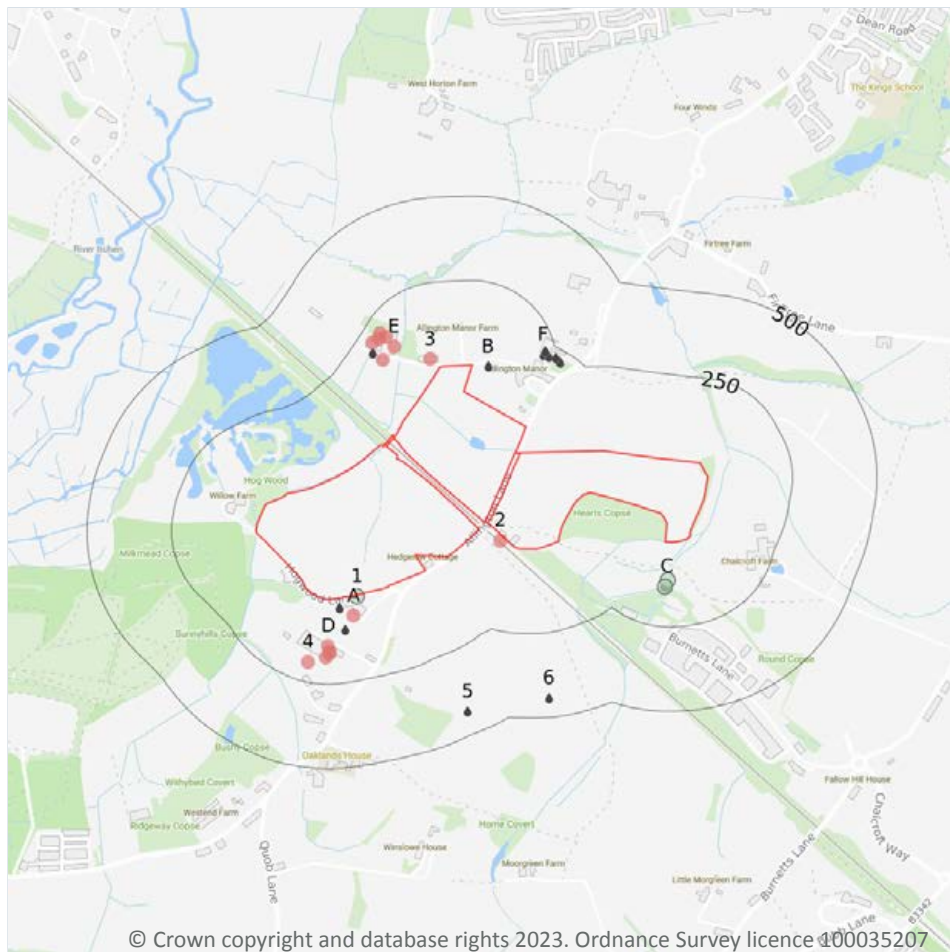


ID	Location	Site	Reference	Category	Sub-Category	Description
I	493m N	Old street farm old street chieveley berkshire rg20 8su	EPR/RF0033HE /A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction

This data is sourced from the Environment Agency and Natural Resources Wales.



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

14

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 30](#) >

ID	Location	Company	Address	Activity	Category
2	14m SE	Mast	Hampshire, SO30	Telecommunications Features	Infrastructure and Facilities
3	38m N	Executive Jet Personnel Ltd	7 Allington Farm Cottages, Allington Lane, West End, Hampshire, SO50 7DE	Aviation Engineers	Engineering Services



ID	Location	Company	Address	Activity	Category
A	60m SW	Common Barn Ltd	-, Allington Lane, West End, Hampshire, SO30 3HQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	137m SW	Solent Gear Boxes & Axels	Unit 5 Seddul Bahr, Allington Lane, West End, Hampshire, SO30 3HP	Vehicle Components	Industrial Products
E	148m NW	Get Smart Valeting	Unit 2 Allington Manor Business Centre, Allington Lane, West End, Hampshire, SO50 7DE	Vehicle Cleaning Services	Personal, Consumer and Other Services
E	153m NW	M P Tyres	Unit 22 Allington Manor Business Centre, Allington Lane, West End, Hampshire, SO50 7DE	Vehicle Parts and Accessories	Motoring
D	155m SW	Horton Heath Van Centre Ltd	Yard 5 Seddul Bahr, Allington Lane, West End, Hampshire, SO30 3HP	New Vehicles	Motoring
D	159m SW	The Diesel Specialist	Unit 24 Seddul Bahr, Allington Lane, West End, Hampshire, SO30 3HP	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	170m SW	West End Motor Company	Unit 26-27seddul Bahr Industrial Estate, Allington Lane, West End, Southampton, Hampshire, SO30 3HP	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	184m NW	P R Moody Car Repairs	Unit 7 Allington Manor Business Centre, Allington Lane, West End, Hampshire, SO50 7DE	Vehicle Repair, Testing and Servicing	Repair and Servicing
4	191m SW	Industrial Estate	Hampshire, SO30	Business Parks and Industrial Estates	Industrial Features
E	197m NW	Allmet Duct Services Ltd	Allington Manor Business Centre, Allington Lane, West End, Hampshire, SO50 7DE	Cooling and Refrigeration	Industrial Products
E	204m NW	Business Centre	Hampshire, SO50	Business Parks and Industrial Estates	Industrial Features
E	209m NW	Hallett Motors	Unit 11 Allington Manor Business Centre, Allington Lane, West End, Hampshire, SO50 7DE	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m

0

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m

21

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on [page 30](#) >

ID	Location	Address	Details	
A	27m SW	RODDINGTON FORGE, ALLINGTON LANE, RODDINGTON FORGE, ALLINGTON LANE, WEST END, SOUTHAMPTON, HAMPSHIRE, SO30 3HZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: G00377 Permit Version: 1 Receiving Water: DITCH TO TRIB OF THE ITCHEN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/09/2004 Effective Date: 03/11/2004 Revocation Date: -
A	27m SW	RODDINGTON FORGE, ALLINGTON LANE, RODDINGTON FORGE, ALLINGTON LANE, WEST END, SOUTHAMPTON, HAMPSHIRE, SO30 3HZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: G00377 Permit Version: 1 Receiving Water: DITCH TO TRIB OF THE ITCHEN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/09/2004 Effective Date: 03/11/2004 Revocation Date: -
A	27m SW	RODDINGTON FORGE, ALLINGTON LANE, RODDINGTON FORGE, ALLINGTON LANE, WEST END, SOUTHAMPTON, HAMPSHIRE, SO30 3HZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: G00377 Permit Version: 1 Receiving Water: DITCH TO TRIB OF THE ITCHEN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/09/2004 Effective Date: 03/11/2004 Revocation Date: -
B	46m N	ALLINGTON MANOR SCHOOL, ALLINGTON MANOR SCHOOL, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: H02759 Permit Version: 1 Receiving Water: INTO LAND	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 01/11/1983 Effective Date: 01/11/1983 Revocation Date: 20/12/2012
B	46m N	ALLINGTON MANOR SCHOOL, ALLINGTON MANOR SCHOOL, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: H02759 Permit Version: 2 Receiving Water: INTO LAND	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -



ID	Location	Address	Details	
A	94m SW	JMA SALVAGE, RODDINGTON FORGE, ALLINGTON LANE, WEST END, HAMPSHIRE, SO30 3HZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: G00203 Permit Version: 1 Receiving Water: INTO LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 29/09/2004 Effective Date: 29/09/2004 Revocation Date: 20/12/2012
A	94m SW	JMA SALVAGE, RODDINGTON FORGE, ALLINGTON LANE, WEST END, HAMPSHIRE, SO30 3HZ	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: G00203 Permit Version: 2 Receiving Water: INTO LAND	Status: SURRENDERED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: 05/03/2014
C	130m SE	ADMIRALTY VITUALLING DEPOT, ADMIRALTY VITUALLING DEPOT, HORTON HEATH, BOTLEY, HAMPSHIRE	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: H00082 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 13/04/1962 Effective Date: 13/04/1962 Revocation Date: -
C	131m SE	CHALCROFT DISTRIBUTION PARK, BURNETTS LANE, WEST END LANE, SOUTHAMPTON, HAMPSHIRE, SO30 2PA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: H01481 Permit Version: 1 Receiving Water: FRESHWATER STREAM OR RIVER	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/04/1991 Effective Date: 01/04/1991 Revocation Date: 01/11/2012
C	133m SE	CHALCROFT DISTRIBUTION PARK, BURNETTS LANE, WEST END LANE, SOUTHAMPTON, HAMPSHIRE, SO30 2PA	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRYP3826XH Permit Version: 1 Receiving Water: TRIBUTARY OF RIVER ITCHEN	Status: VARIED UNDER EPR 2010 Issue date: 02/11/2012 Effective Date: 02/11/2012 Revocation Date: -
E	189m NW	ALLINGTON MANOR BUSINESS CENTRE, ALLINGTON MANOR BUSINESS CENTRE, ALLINGTON LANE, FAIR OAK, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G00482 Permit Version: 1 Receiving Water: UNNAMED DITCH VIA SEASONAL SOA	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 04/03/2005 Effective Date: 04/03/2005 Revocation Date: 20/12/2012
E	189m NW	INDUSTRIAL UNITS, INDUSTRIAL UNITS, ALLINGTON MANOR FARM, ALLINGTON LANE, WEST END, SOUTHAMPTON, HAMPSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: P05525 Permit Version: 1 Receiving Water: INTO LAND	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 05/09/1994 Effective Date: 05/09/1994 Revocation Date: 31/03/1997



ID	Location	Address	Details	
E	189m NW	ALLINGTON MANOR BUSINESS CENTRE, ALLINGTON MANOR BUSINESS CENTRE, ALLINGTON LANE, FAIR OAK, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G00482 Permit Version: 2 Receiving Water: UNNAMED DITCH VIA SEASONAL SOA	Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -
F	210m NE	LITTLE OWL, ALLINGTON MANOR BARNS, LITTLE OWL, ALLINGTON MNR BARNS, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01244 Permit Version: 1 Receiving Water: UNNAMED DRAINAGE DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -
F	212m NE	BARN OWL, ALLINGTON MANOR BARNS, BARN OWL, ALLINGTON MANOR BARNS, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01245 Permit Version: 1 Receiving Water: UNNAMED DRAINAGE DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -
F	213m NE	TAWNY OWL, ALLINGTON MANOR BARNS, TAWNY OWL, ALLINGTON MANOR BARNS, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01246 Permit Version: 1 Receiving Water: POND WITH OVERFLOW TO DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -
F	214m NE	TAWNY OWL, ALLINGTON MANOR BARNS, TAWNY OWL, ALLINGTON MANOR BARNS, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01246 Permit Version: 1 Receiving Water: POND WITH OVERFLOW TO DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -
F	218m NE	LITTLE OWL, ALLINGTON MANOR BARNS, LITTLE OWL, ALLINGTON MNR BARNS, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01244 Permit Version: 1 Receiving Water: UNNAMED DRAINAGE DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -



ID	Location	Address	Details	
F	220m NE	BARN OWL, ALLINGTON MANOR BARN, BARN OWL, ALLINGTON MANOR BARN, ALLINGTON LANE, FAIR OAK, EASTLEIGH, HAMPSHIRE, SO50 7DE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: G01245 Permit Version: 1 Receiving Water: UNNAMED DRAINAGE DITCH	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/08/2007 Effective Date: 31/10/2007 Revocation Date: -
5	432m S	WARBROOK FARM, EVERSLEY, HANTS, Warbrook Farm, Eversley, Hants	Effluent Type: AGRICULTURE - FISH FARMING - NOT WATER COMPANY Permit Number: CTCP.0255 Permit Version: 1 Receiving Water: TRIB OF R BLACKWATER	Status: REVOKED - UNSPECIFIED Issue date: 23/12/1963 Effective Date: 23/12/1963 Revocation Date: 30/04/1992
6	442m SE	EVERSLEY STW, EVERSLEY, HANTS, Eversley STW, Eversley, Hants	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTR.0367 Permit Version: 1 Receiving Water: TRIB OF BLACKWATER	Status: REVOKED - UNSPECIFIED Issue date: 14/07/1959 Effective Date: 31/01/1985 Revocation Date: 01/11/1985

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
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Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m

0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

3

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on [page 30 >](#)

ID	Location	Details	
1	4m SW	Incident Date: 01/05/2003 Incident Identification: 155486 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
C	112m E	Incident Date: 21/10/2002 Incident Identification: 116044 Pollutant: Oils and Fuel Pollutant Description: Other Oil or Fuel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
C	132m SE	Incident Date: 21/01/2004 Incident Identification: 212055 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

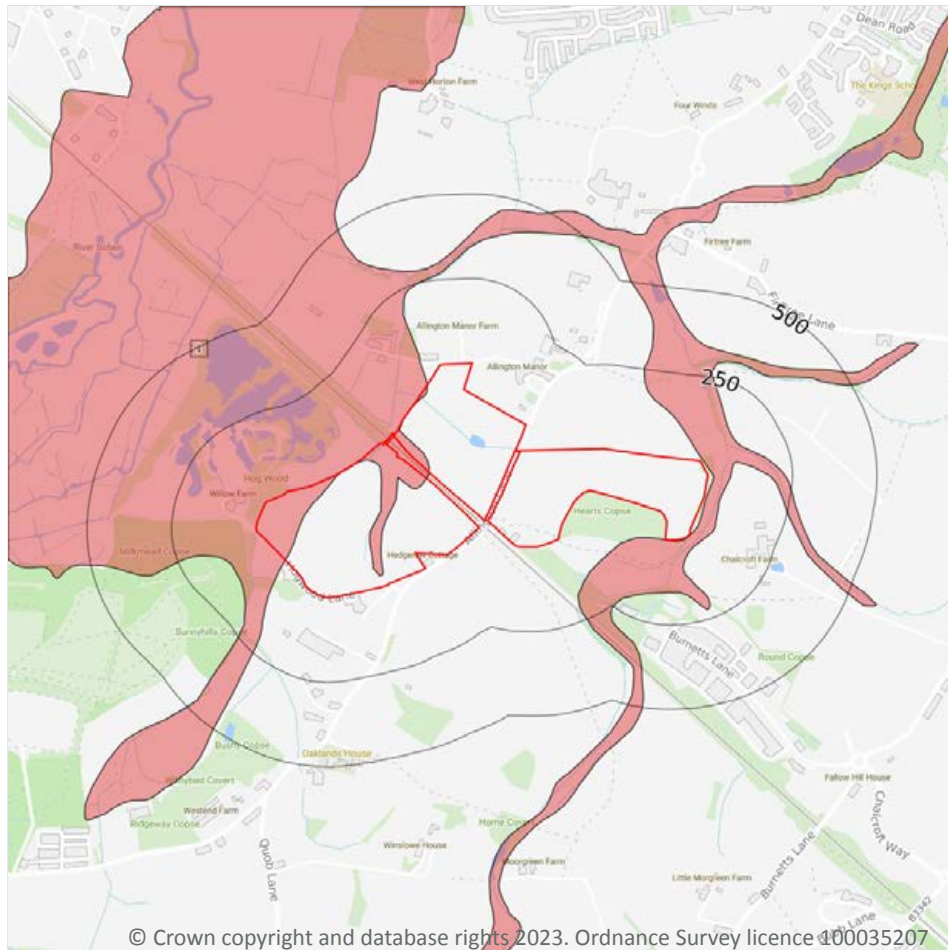
4.21 Pollution inventory radioactive waste

Records within 500m**0**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

1

Aquifer status of groundwater held within superficial geology.

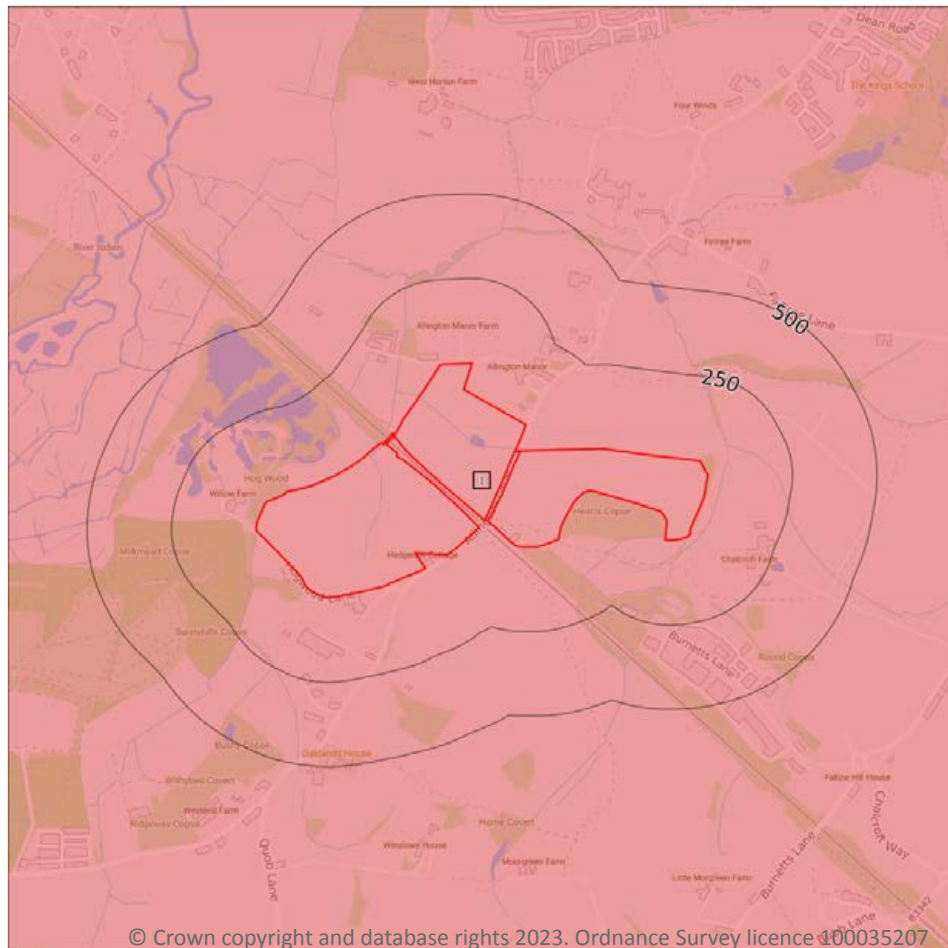
Features are displayed on the Hydrogeology map on [page 40](#) >

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

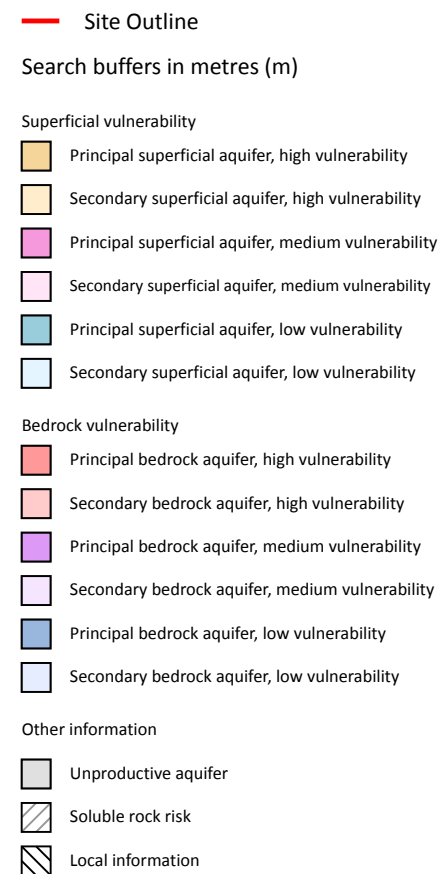
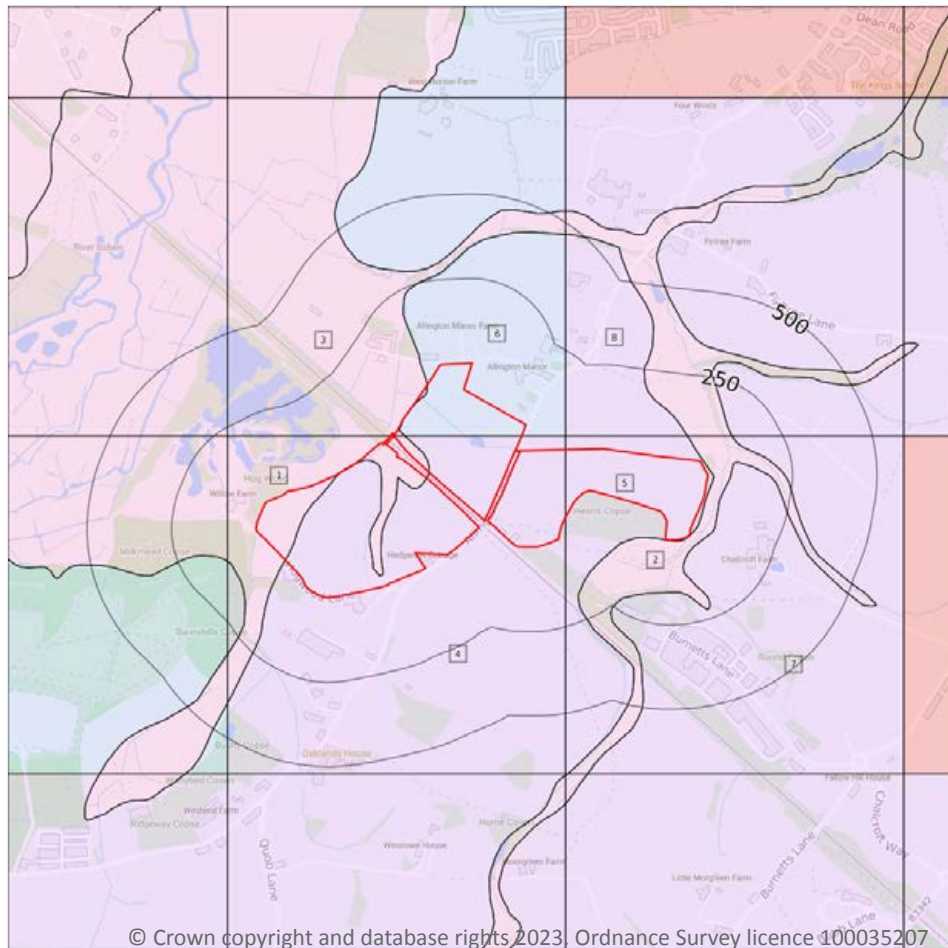
Features are displayed on the Bedrock aquifer map on [page 41](#) >

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

8

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on [page 42](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular
2	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular
3	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Intergranular
4	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular
5	On site	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular
6	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Intergranular
7	34m E	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	38m E	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: 300- 550mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Intergranular

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site

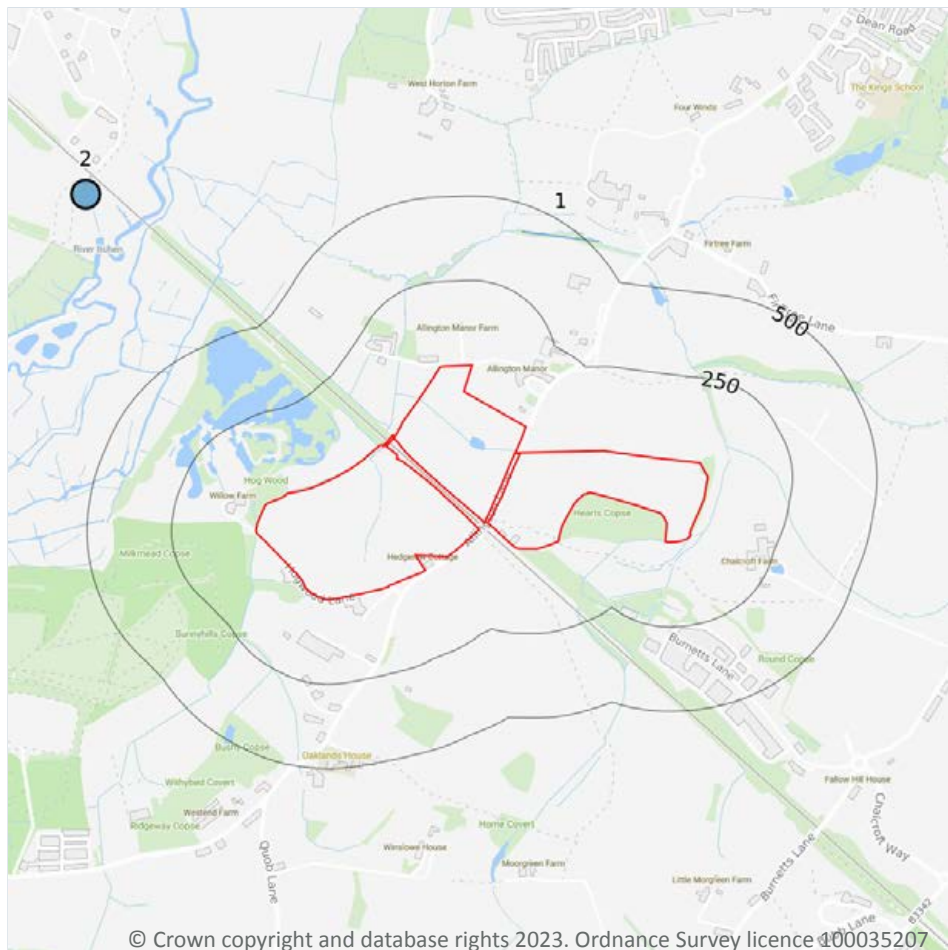
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

0

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.7 Surface water abstractions

Records within 2000m

2

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 45](#) >

ID	Location	Details	
1	421m N	Status: Historical Licence No: 11/42/22.10/120 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: TRIBUTARY OF RIVER ITCHEN AT ALLINGTON MANOR FARM, FAIR OAK Data Type: Line Name: Arturi Easting: 447870 Northing: 117610	Annual Volume (m ³): 2275 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 23/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 23/10/2018 Version End Date: -
2	1061m NW	Status: Historical Licence No: 11/42/22.10/119 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Southern Region Surface Waters Point: ITCHEN CARRIER AT RAIL WORKSHOP, EASTLEIGH Data Type: Point Name: The Plant Director Easting: 446580 Northing: 117720	Annual Volume (m ³): 105000 Max Daily Volume (m ³): 4091 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 102 Version Start Date: 01/03/2005 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m

0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.



5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.10 Source Protection Zones (confined aquifer)

Records within 500m

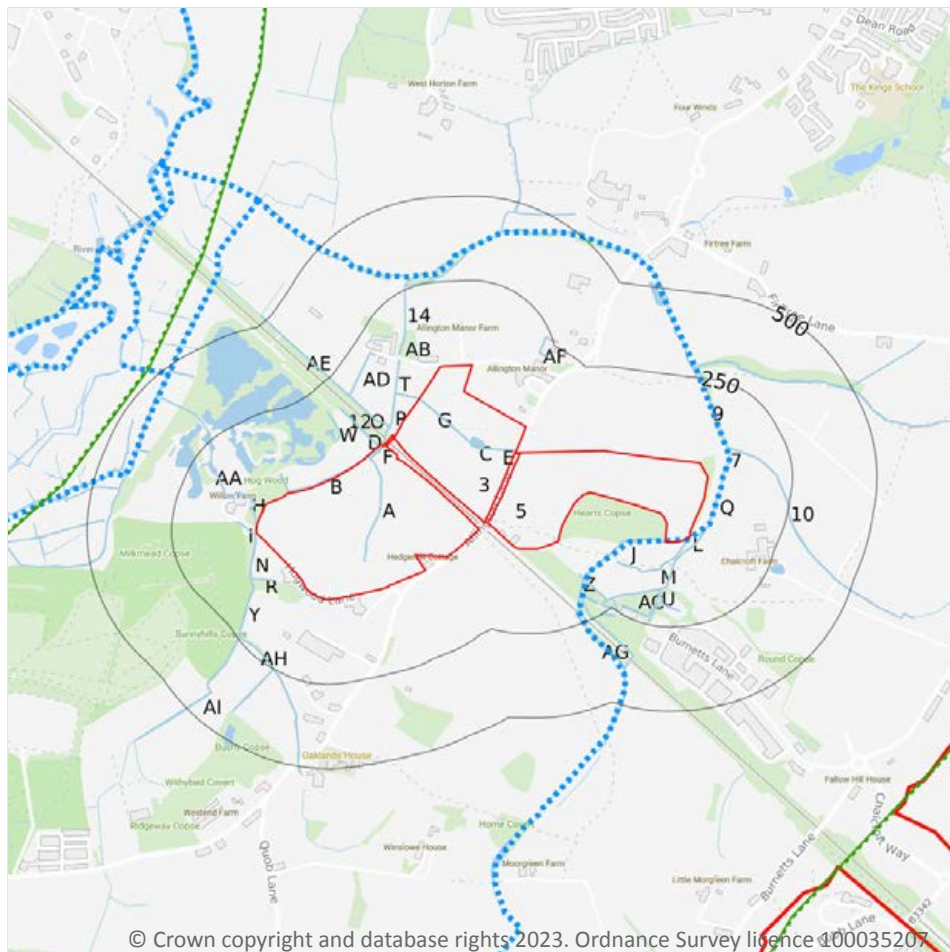
0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.



6 Hydrology



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6.1 Water Network (OS MasterMap)

Records within 250m

71

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	1m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	2m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	3m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	6m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
I	6m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	6m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	12m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	21m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	24m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	24m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	27m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	35m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	59m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	67m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	83m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	91m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
10	91m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
W	92m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	106m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	106m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	110m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	114m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	122m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	132m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	132m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	140m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	140m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	148m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	148m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	152m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
Z	164m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	164m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	165m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	172m SE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
Z	172m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	174m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	175m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	175m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	175m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	203m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	203m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	204m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	211m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
Z	214m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	215m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	217m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	224m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	225m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	225m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	225m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	226m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	227m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	227m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	227m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	228m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	229m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AI	243m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	244m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	246m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	248m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	248m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	58
----------------------------	-----------

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 48 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
3	On site	River	Itchen	GB107042022580	Itchen	Test and Itchen



This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
4	On site	River	Itchen	GB107042022580 ↗	Moderate	Fail	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

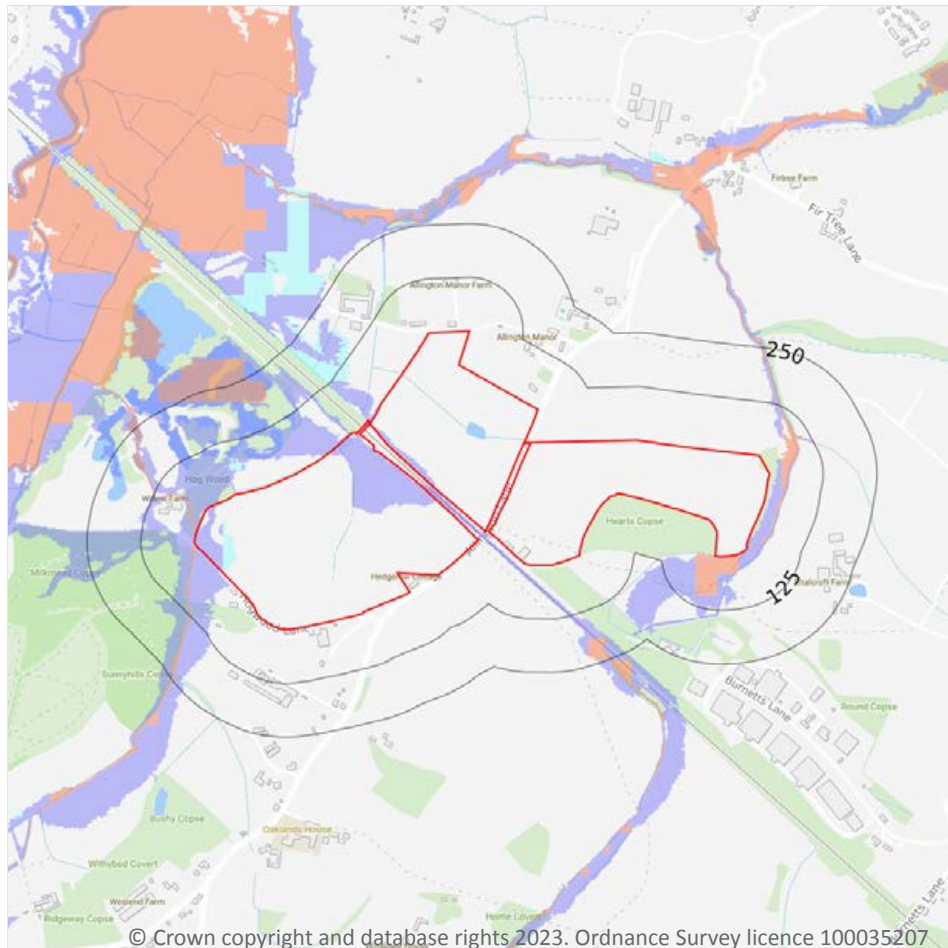
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on [page 48 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
5	On site	Central Hants Bracklesham Group	GB40702G500900 ↗	Good	Good	Good	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

39

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on [page 56 >](#)

Distance	Flood risk category
On site	High
0 - 50m	High

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0
----------------------------	----------

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0
----------------------------	----------

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0
----------------------------	----------

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

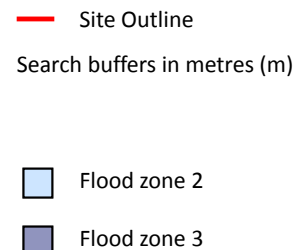
Records within 250m	0
----------------------------	----------

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.



River and coastal flooding - Flood Zones



7.6 Flood Zone 2

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on [page 56 >](#)

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

This data is sourced from the Environment Agency and Natural Resources Wales.

7.7 Flood Zone 3

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

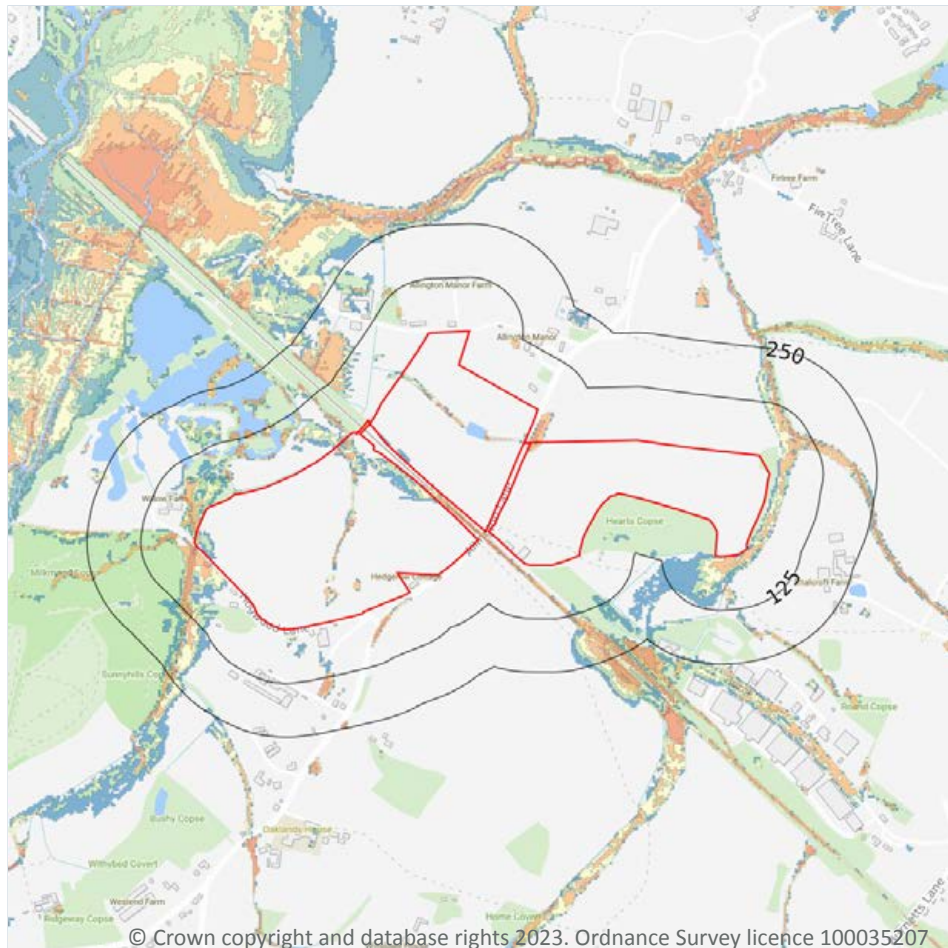
Features are displayed on the River and coastal flooding map on [page 56](#) >

Location	Type
On site	Zone 3 - (Fluvial Models)

This data is sourced from the Environment Agency and Natural Resources Wales.



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on [page 60](#) >

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

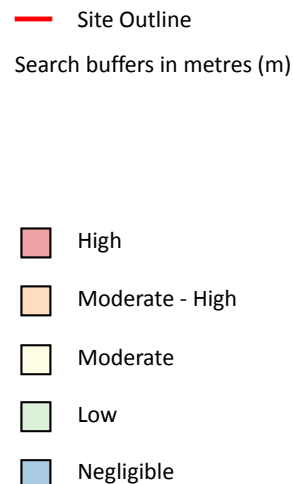
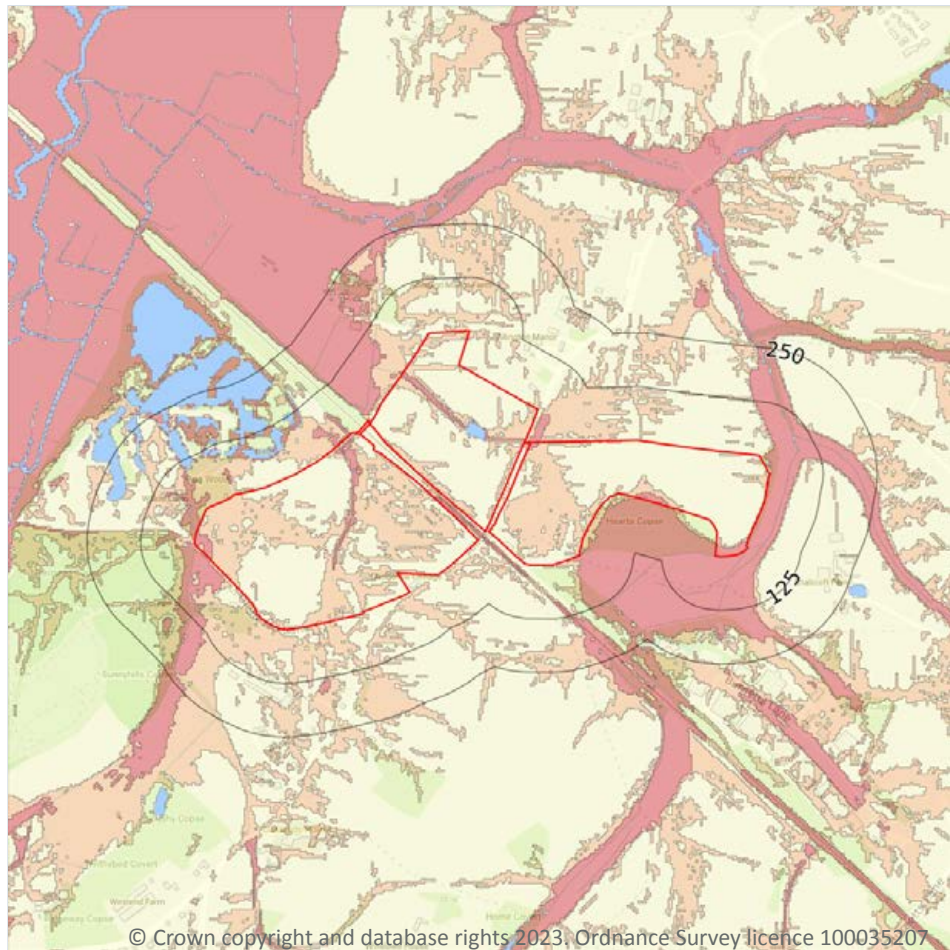
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

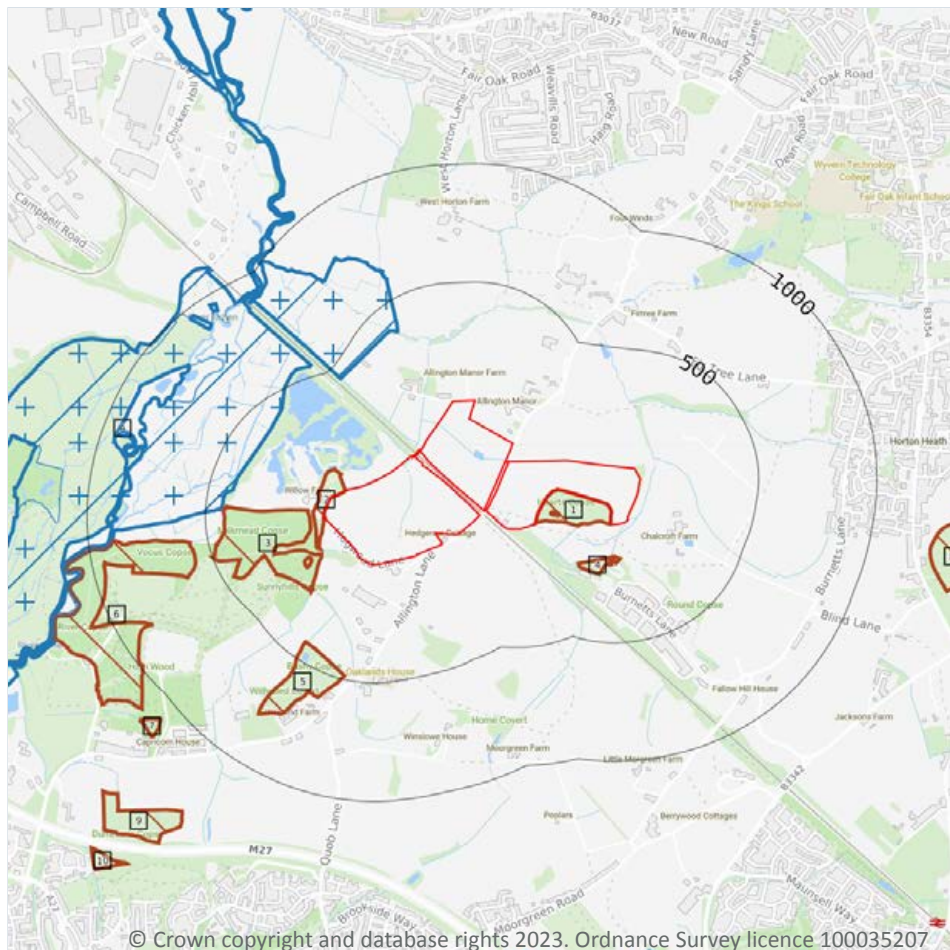
High

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on [page 62 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- / Sites of Special Scientific Interest (SSSI)
- + Special Areas of Conservation (SAC)
- / Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on [page 63](#) >

ID	Location	Name	Data source
A	372m W	River Itchen	Natural England



ID	Location	Name	Data source
14	1731m S	Moorgreen Meadows	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0
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Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	1
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Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

Features are displayed on the Environmental designations map on [page 63 >](#)

ID	Location	Name	Features of interest	Habitat description	Data source
A	372m W	River Itchen	Rivers with floating vegetation often dominated by water-crowfoot; Sea lamprey; Brook lamprey; River lamprey; Atlantic salmon; Bullhead; Desmoulin's whorl snail; Southern damselfly; White-clawed (or Atlantic stream) crayfish; Otter.	Mixed woodland; Humid grassland, Mesophile grassland; Broad-leaved deciduous woodland; Improved grassland; Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Non-forest areas cultivated with woody plants (including Orchards, groves, Vineyards, Dehesas)	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m**0**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m**16**

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on [page 63](#) >

ID	Location	Name	Woodland Type
1	On site	Unknown	Ancient & Semi-Natural Woodland
2	On site	Paynes Row	Ancient & Semi-Natural Woodland
3	60m W	Paynes Row	Ancient & Semi-Natural Woodland
4	136m SE	Unknown	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
5	421m SW	Bushy/withybed Copses	Ancient & Semi-Natural Woodland
6	569m W	River/high Wood/vocus Copses	Ancient Replanted Woodland
7	1082m SW	Unknown	Ancient Replanted Woodland
8	1258m E	Scoreys Copse	Ancient & Semi-Natural Woodland
9	1307m SW	Dummers Copse	Ancient & Semi-Natural Woodland
10	1623m SW	Unknown	Ancient & Semi-Natural Woodland
-	1630m E	Unknown	Ancient & Semi-Natural Woodland
-	1713m N	Stoke Park Wood	Ancient & Semi-Natural Woodland
-	1721m N	Stoke Park Wood	Ancient Replanted Woodland
-	1888m N	Stoke Park Wood	Ancient & Semi-Natural Woodland
-	1890m N	Stoke Park Wood	Ancient & Semi-Natural Woodland
-	1903m N	Stoke Park Wood	Ancient Replanted Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m**0**

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m**2**

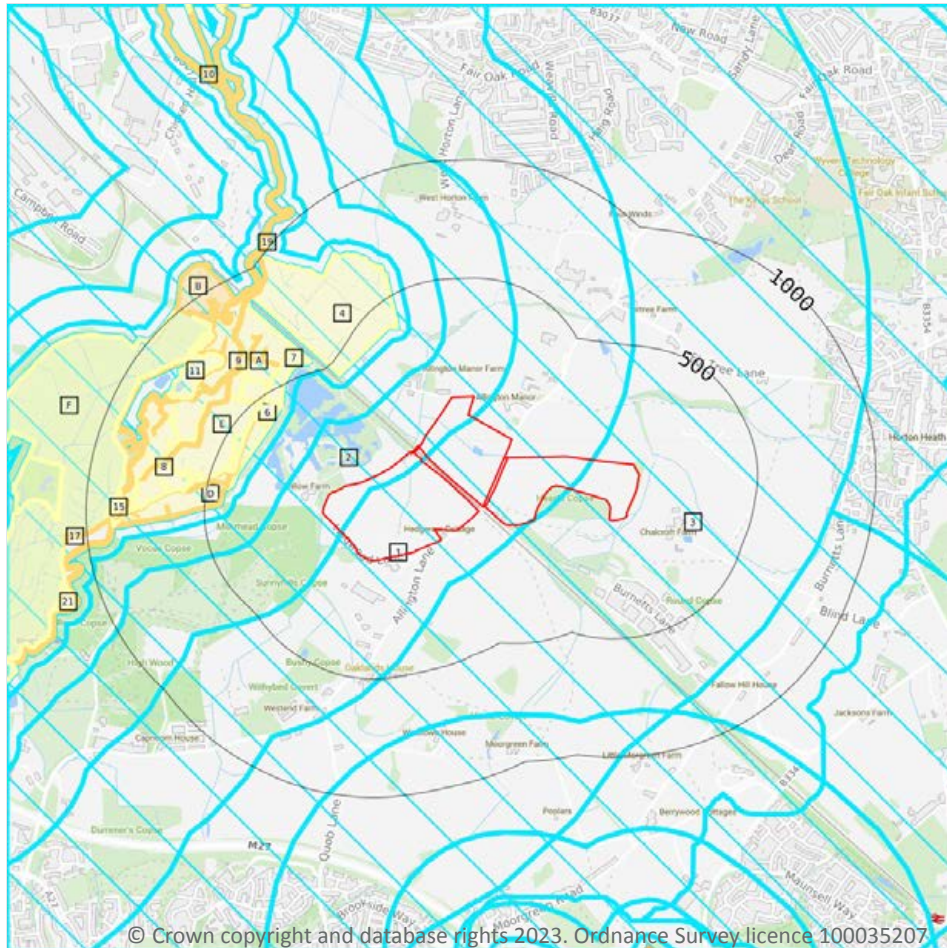
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Hamble Estuary Eutrophic NVZ (TraC)	Eutrophic Water	3	Existing
539m SW	Hamble Estuary Eutrophic NVZ (TraC)	Eutrophic Water	3	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

3

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on [page 69](#) >

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Wind and Solar - Wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 100 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements. NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.



ID	Location	Type of developments requiring consultation
2	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 100 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements. NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.



ID	Location	Type of developments requiring consultation
3	On site	Infrastructure - Pipelines and underground cables, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Residential - Residential development of 100 units or more. Rural residential - Any residential development of 100 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more. Notes: Strategic solutions for recreational impacts are in place. Please contact your Local Planning Authority as they have the information to advise on specific requirements. NUTRIENT IMPACT AREA. For new development with overnight accommodation Reg 63 of the Conservation of Habitats and Species Regulations 2017 must be applied and additional measures required. LPA to refer to Natural England's Nutrient Neutrality advice.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	30
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on [page 69](#) >

ID:	D
Location:	372m W
SSSI name:	River Itchen
Unit name:	Former Unit 4
Broad habitat:	Neutral Grassland - Lowland
Condition:	Unfavourable - Recovering



Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	05/05/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	05/05/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	05/05/2011
Otter, Lutra lutra	Unfavourable - Recovering	05/05/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	05/05/2011
S1355 Otter, Lutra lutra	Favourable	05/05/2011

ID: 4
 Location: 377m NW
 SSSI name: River Itchen
 Unit name: 95
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	21/06/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland mire grassland and rush pasture	Unfavourable - Recovering	21/06/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	21/06/2011
Otter, Lutra lutra	Favourable	21/06/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	21/06/2011
S1355 Otter, Lutra lutra	Favourable	21/06/2011

ID: 5
 Location: 384m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change



Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	07/05/2015
Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
Bullhead, <i>Cottus gobio</i>	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with <i>R. fluitantis</i>	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, <i>Lutra lutra</i>	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, <i>Coenagrion mercuriale</i>	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	15/01/2007
S1163 Bullhead, <i>Cottus gobio</i>	Favourable	15/01/2007
S1355 Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	30/03/2010

ID: 6
 Location: 385m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	05/05/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	05/05/2011
Nationally rare and scarce dragonfly species - <i>Coenagrion mercuriale</i> , Southern Damselfly	Unfavourable - Recovering	05/05/2011
Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	05/05/2011
S1044 Southern damselfly, <i>Coenagrion mercuriale</i>	Unfavourable - Recovering	05/05/2011
S1355 Otter, <i>Lutra lutra</i>	Favourable	05/05/2011



ID: E
 Location: 407m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	05/05/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	05/05/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	05/05/2011
Otter, Lutra lutra	Unfavourable - Recovering	05/05/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	05/05/2011
S1355 Otter, Lutra lutra	Favourable	05/05/2011

ID: D
 Location: 414m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007

Feature name	Feature condition	Date of assessment
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: 7
 Location: 431m NW
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	05/05/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	05/05/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	05/05/2011
Otter, Lutra lutra	Unfavourable - Recovering	05/05/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	05/05/2011
S1355 Otter, Lutra lutra	Favourable	05/05/2011

ID: E
 Location: 586m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019



Feature name	Feature condition	Date of assessment
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: A
 Location: 587m NW
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007



Feature name	Feature condition	Date of assessment
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: 8
 Location: 589m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: 9
 Location: 646m NW
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015



Feature name	Feature condition	Date of assessment
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: E
 Location: 656m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007



Feature name	Feature condition	Date of assessment
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: A
 Location: 702m NW
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, Salmo salar	Unfavourable - No change	07/05/2015
Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
Bullhead, Cottus gobio	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, Lutra lutra	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, Lampetra planeri	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, Salmo salar	Unfavourable - No change	15/01/2007
S1163 Bullhead, Cottus gobio	Favourable	15/01/2007
S1355 Otter, Lutra lutra	Unfavourable - Recovering	30/03/2010

ID: 10
 Location: 704m NW
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:



Feature name	Feature condition	Date of assessment
Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	07/05/2015
Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
Bullhead, <i>Cottus gobio</i>	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with <i>R. fluitantis</i>	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, <i>Lutra lutra</i>	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, <i>Coenagrion mercuriale</i>	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	15/01/2007
S1163 Bullhead, <i>Cottus gobio</i>	Favourable	15/01/2007
S1355 Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	30/03/2010

ID: 11
 Location: 714m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	19/09/2012
Invert. assemblage W314 reed-fen & pools	-	-
Nationally rare and scarce dragonfly species - <i>Coenagrion mercuriale</i> , Southern Damselfly	Unfavourable - Recovering	19/09/2012
Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	19/09/2012
S1044 Southern damselfly, <i>Coenagrion mercuriale</i>	Unfavourable - Recovering	19/09/2012
S1355 Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	19/09/2012



ID: F
 Location: 833m NW
 SSSI name: River Itchen
 Unit name: Former Unit 1
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Assemblages of breeding birds - Lowland open waters and their margins	Unfavourable - Recovering	21/06/2011
Floodplain fen (lowland)	Unfavourable - Recovering	21/06/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	21/06/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	21/06/2011
Otter, Lutra lutra	Favourable	21/06/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	21/06/2011
S1355 Otter, Lutra lutra	Favourable	21/06/2011

ID: 15
 Location: 839m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	05/05/2011
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	05/05/2011
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	05/05/2011
Otter, Lutra lutra	Unfavourable - Recovering	05/05/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	05/05/2011
S1355 Otter, Lutra lutra	Favourable	05/05/2011



ID: B
 Location: 857m NW
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - No change	05/08/2013
Invert. assemblage W314 reed-fen & pools	-	-

ID: 17
 Location: 908m W
 SSSI name: River Itchen
 Unit name: Lower Itchen (Highbridge To Wood Mill)
 Broad habitat: Rivers And Streams
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	07/05/2015
Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
Bullhead, <i>Cottus gobio</i>	Favourable	07/05/2015
H3260 Water courses of plain to montane levels with <i>R. fluitantis</i>	Unfavourable - No change	30/03/2010
Invert. assemblage W314 reed-fen & pools	-	-
Otter, <i>Lutra lutra</i>	Not Recorded	01/01/1900
Rivers and Streams	Not Recorded	01/01/1900
S1044 Southern damselfly, <i>Coenagrion mercuriale</i>	Unfavourable - Recovering	15/01/2007
S1096 Brook lamprey, <i>Lampetra planeri</i>	Unfavourable - No change	13/02/2019
S1106 Atlantic salmon, <i>Salmo salar</i>	Unfavourable - No change	15/01/2007
S1163 Bullhead, <i>Cottus gobio</i>	Favourable	15/01/2007
S1355 Otter, <i>Lutra lutra</i>	Unfavourable - Recovering	30/03/2010

ID: 19
 Location: 998m NW
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - No change	04/10/2012

ID: F
 Location: 1110m W
 SSSI name: River Itchen
 Unit name: Decoy Covert
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Wet woodland	Unfavourable - Recovering	30/06/2011

ID: 21
 Location: 1113m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	19/09/2012
Invert. assemblage W314 reed-fen & pools	-	-
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	19/09/2012
Otter, Lutra lutra	Unfavourable - Recovering	19/09/2012
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	19/09/2012



Feature name	Feature condition	Date of assessment
S1355 Otter, Lutra lutra	Unfavourable - Recovering	19/09/2012

ID: 28
 Location: 1455m W
 SSSI name: River Itchen
 Unit name: Former Unit 4
 Broad habitat: Fen, Marsh And Swamp - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Floodplain fen (lowland)	Unfavourable - Recovering	12/09/2013
Invert. assemblage W314 reed-fen & pools	-	-
Nationally rare and scarce dragonfly species - Coenagrion mercuriale, Southern Damselfly	Unfavourable - Recovering	12/09/2013
Otter, Lutra lutra	Unfavourable - Recovering	12/09/2013

ID: 34
 Location: 1731m S
 SSSI name: Moorgreen Meadows
 Unit name: Previously Part Of Unit 3
 Broad habitat: Acid Grassland - Lowland
 Condition: Partially destroyed
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mire grassland and rush pasture	Partially destroyed	07/08/2023

ID: 35
 Location: 1811m S
 SSSI name: Moorgreen Meadows
 Unit name: Northern Acid Grassland
 Broad habitat: Acid Grassland - Lowland
 Condition: Unfavourable - Declining
 Reportable features:



Feature name	Feature condition	Date of assessment
Lowland mire grassland and rush pasture	Unfavourable - Declining	07/08/2023
Lowland neutral grassland (MG5)	Unfavourable - Declining	07/08/2023
Population of declining plant species and species at the edge of their range - Dactylorhiza purpurella, Northern marsh orchid (and hybrids)	Unfavourable - No change	07/08/2023

ID: -
 Location: 1813m S
 SSSI name: Moorgreen Meadows
 Unit name: Moorgreen Dairy Farm
 Broad habitat: Acid Grassland - Lowland
 Condition: Unfavourable - Declining
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mire grassland and rush pasture	Unfavourable - Declining	07/08/2023

ID: 38
 Location: 1873m NW
 SSSI name: River Itchen
 Unit name: Former Unit 5
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	14/06/2011

ID: -
 Location: 1953m NW
 SSSI name: River Itchen
 Unit name: Former Unit 5
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	14/06/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	14/06/2011
S1355 Otter, Lutra lutra	Favourable	14/06/2011

ID: -
 Location: 1963m SE
 SSSI name: Moorgreen Meadows
 Unit name: Eastleigh B C
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Lowland mire grassland and rush pasture	Unfavourable - Recovering	07/08/2023
Wet woodland	Unfavourable - Recovering	07/08/2023

ID: I
 Location: 1973m NW
 SSSI name: River Itchen
 Unit name: Former Unit 5
 Broad habitat: Neutral Grassland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Invert. assemblage W314 reed-fen & pools	-	-
Lowland neutral grassland (MG8)	Unfavourable - Recovering	14/06/2011
S1044 Southern damselfly, Coenagrion mercuriale	Unfavourable - Recovering	14/06/2011
S1355 Otter, Lutra lutra	Favourable	14/06/2011

This data is sourced from Natural England and Natural Resources Wales.



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

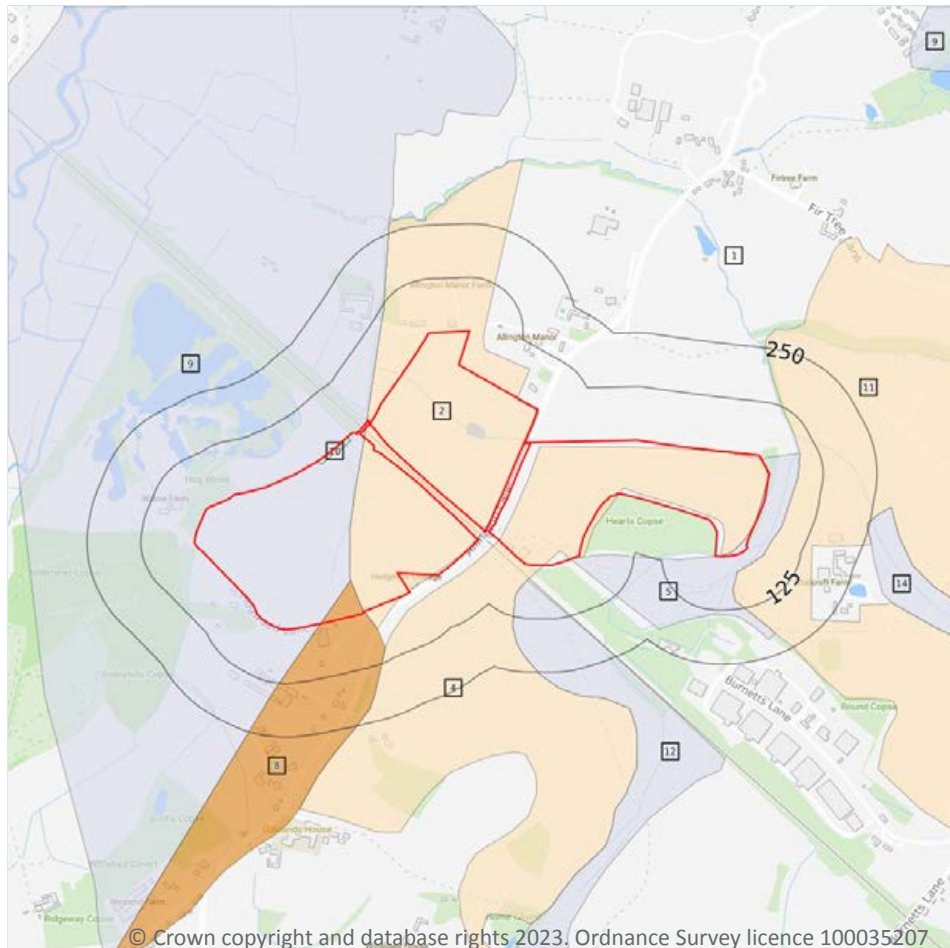
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

9

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 90](#) >

ID	Location	Classification	Description
1	On site	Not Surveyed	-
2	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.



ID	Location	Classification	Description
4	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
5	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
8	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
9	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
11	33m E	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
12	36m SE	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
14	245m E	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.



12.3 Tree Felling Licences

Records within 250m

1

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

Features are displayed on the Agricultural designations map on [page 90](#) >

ID	Location	Description	Reference	Application date
10	On site	Selective Fell/Thin (Conditional)	019/358/99-00	15/12/1999

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

1

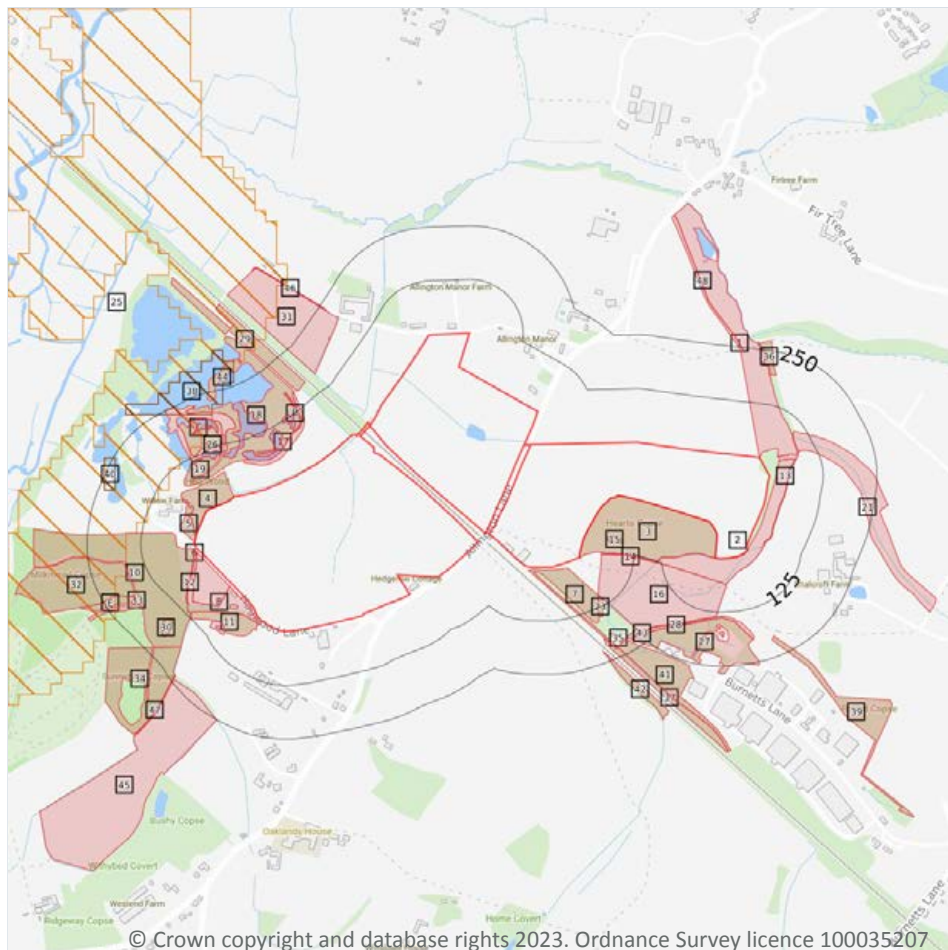
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
52m W	469485	Countryside Stewardship (Higher Tier)	01/01/2018	31/12/2022

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

57

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on [page 93](#) >

ID	Location	Main Habitat	Other habitats
1	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
2	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	5m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	5m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	5m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	6m W	No main habitat but additional habitats present	Additional: PMGRP (INV 50%)
10	7m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	10m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	18m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	36m E	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
14	48m E	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
15	49m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	49m E	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
17	51m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	60m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	65m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	68m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	74m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
20	81m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	86m E	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
22	90m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	90m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	98m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	98m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	99m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	104m W	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
C	121m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
26	126m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
27	136m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
28	141m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	152m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
D	157m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	160m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	161m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
31	166m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
32	169m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
D	169m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
33	177m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
D	177m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
E	181m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
E	185m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
34	187m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
35	190m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
36	194m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
37	195m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
39	203m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
41	218m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
42	224m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
43	226m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
44	227m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
45	229m SW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
46	231m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
47	235m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
48	241m NE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

This data is sourced from Natural England.



13.2 Habitat Networks

Records within 250m

3

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

Features are displayed on the Habitat designations map on [page 93](#) >

ID	Location	Type	Habitat
25	100m W	Network Enhancement Zone 1	Not specified
38	197m W	Network Enhancement Zone 2	Not specified
40	214m W	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

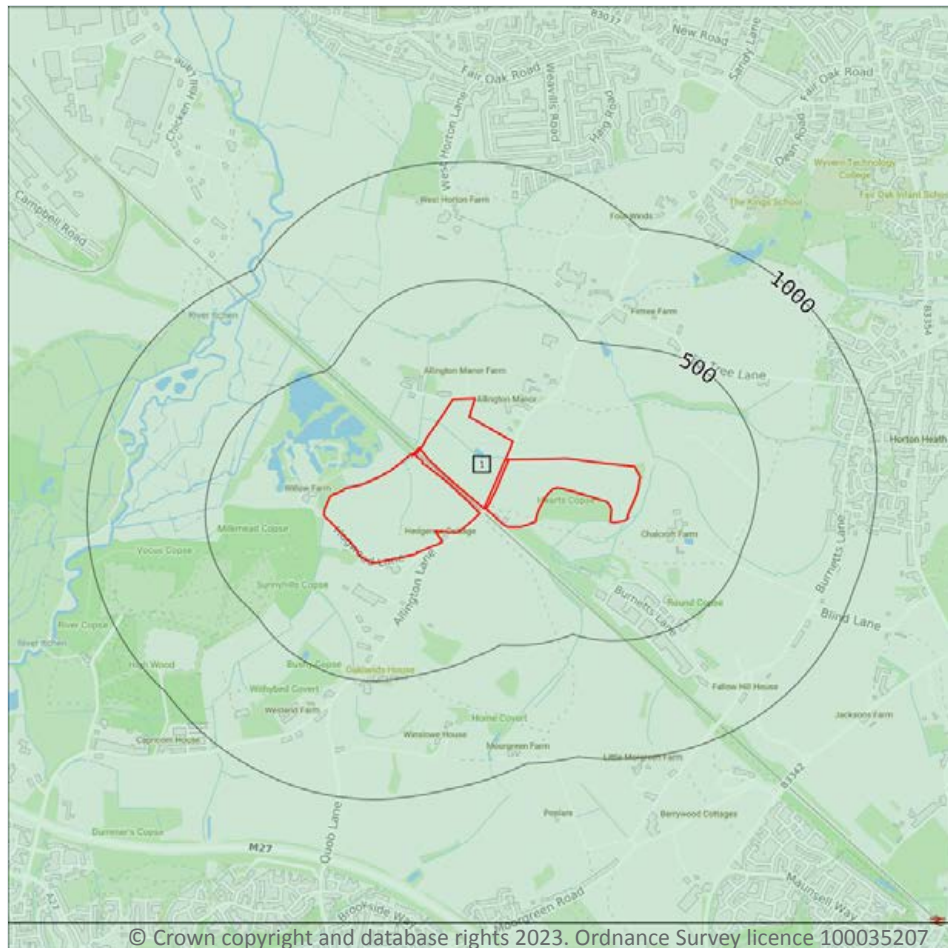
0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

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14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

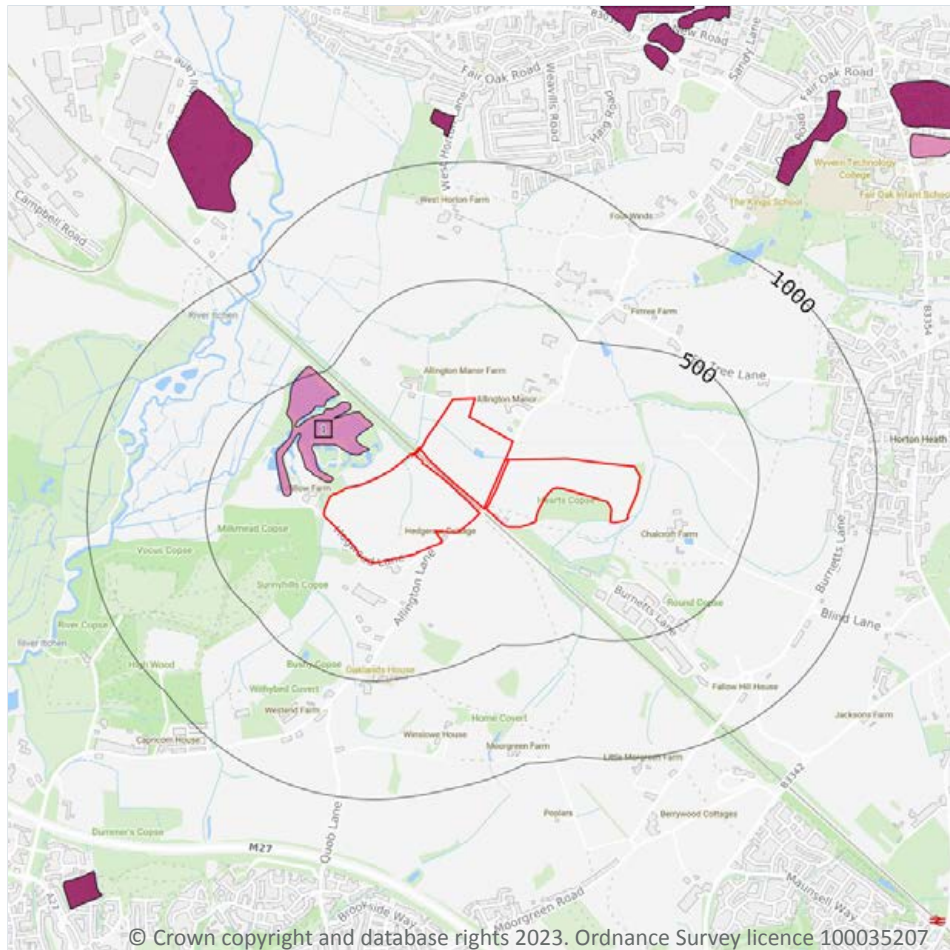
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 97](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU41NE

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

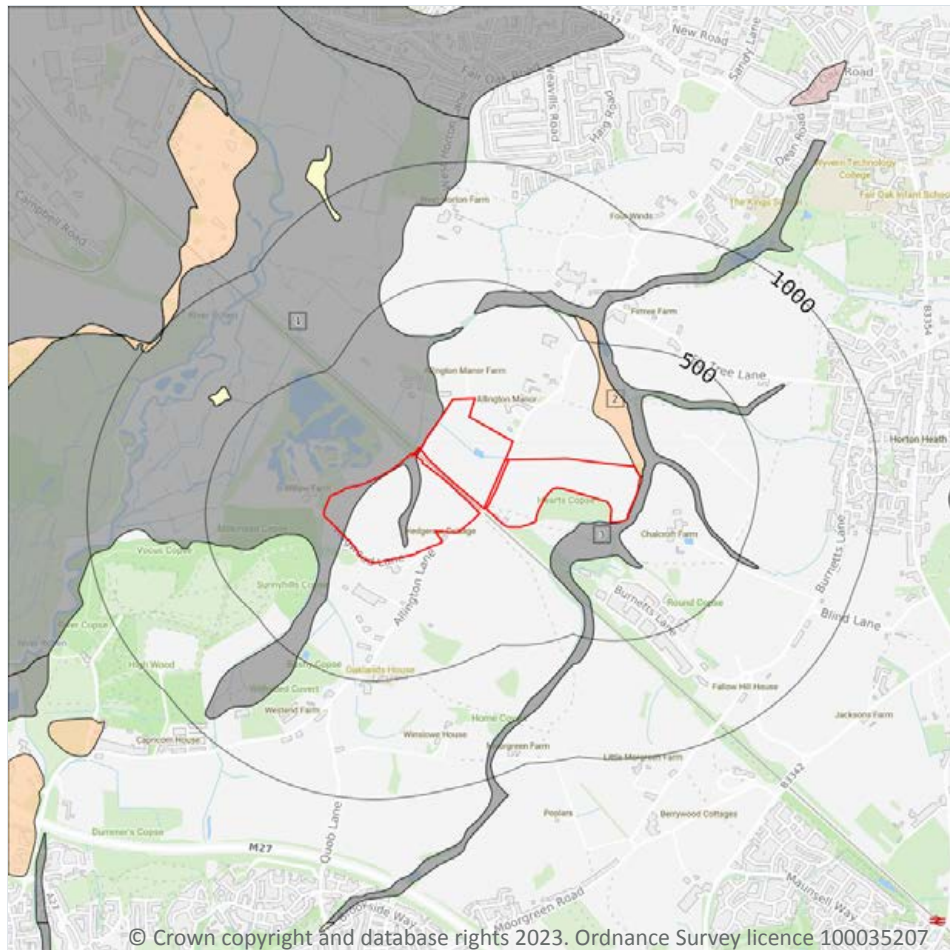
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 98](#) >

ID	Location	LEX Code	Description	Rock description
1	55m W	WGR-VOID	Worked Ground (Undivided)	Void

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

3

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 99](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
2	On site	RTD1-XSV	River Terrace Deposits, 1 - Sand And Gravel	Sand And Gravel
3	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

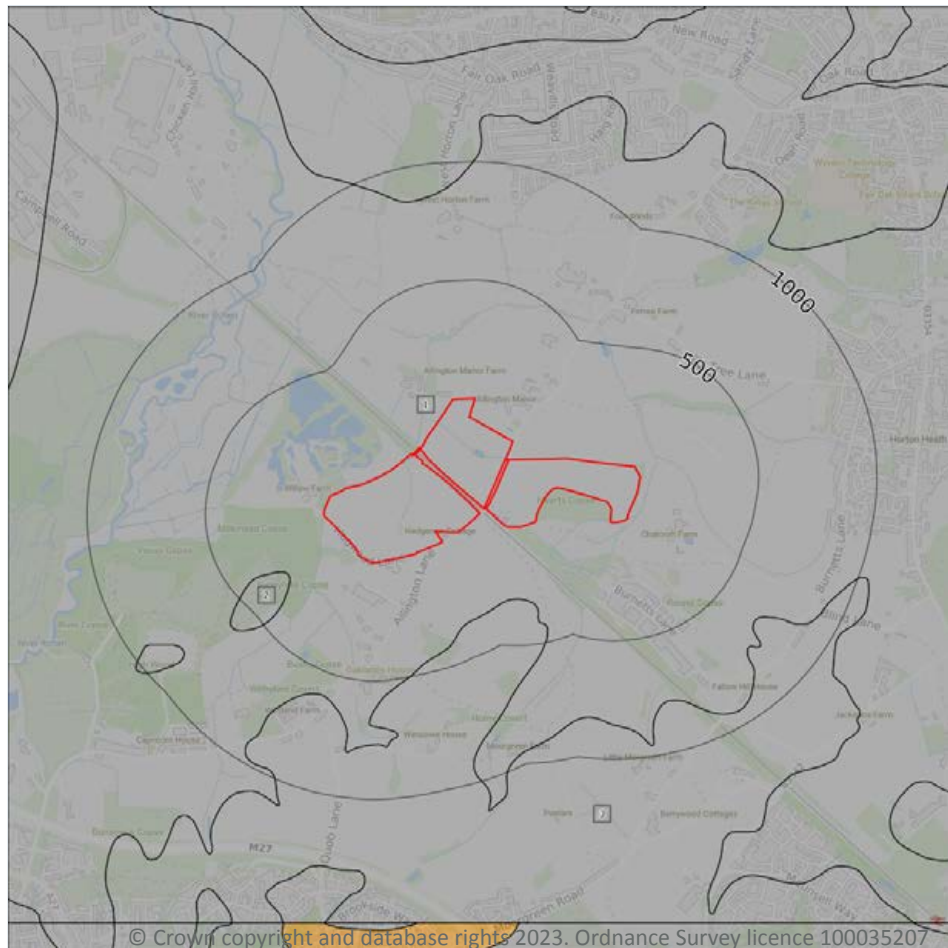
0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

3

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 101](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	WTT-SACL	Wittering Formation - Sandy Clay	Lutetian Age - Ypresian Age
2	282m SW	EA-SANDU	Earnley Sand Formation - Sand	Lutetian Age
3	304m SE	EA-SANDU	Earnley Sand Formation - Sand	Lutetian Age

This data is sourced from the British Geological Survey.



14.6 Bedrock faults and other linear features (10k)

Records within 500m

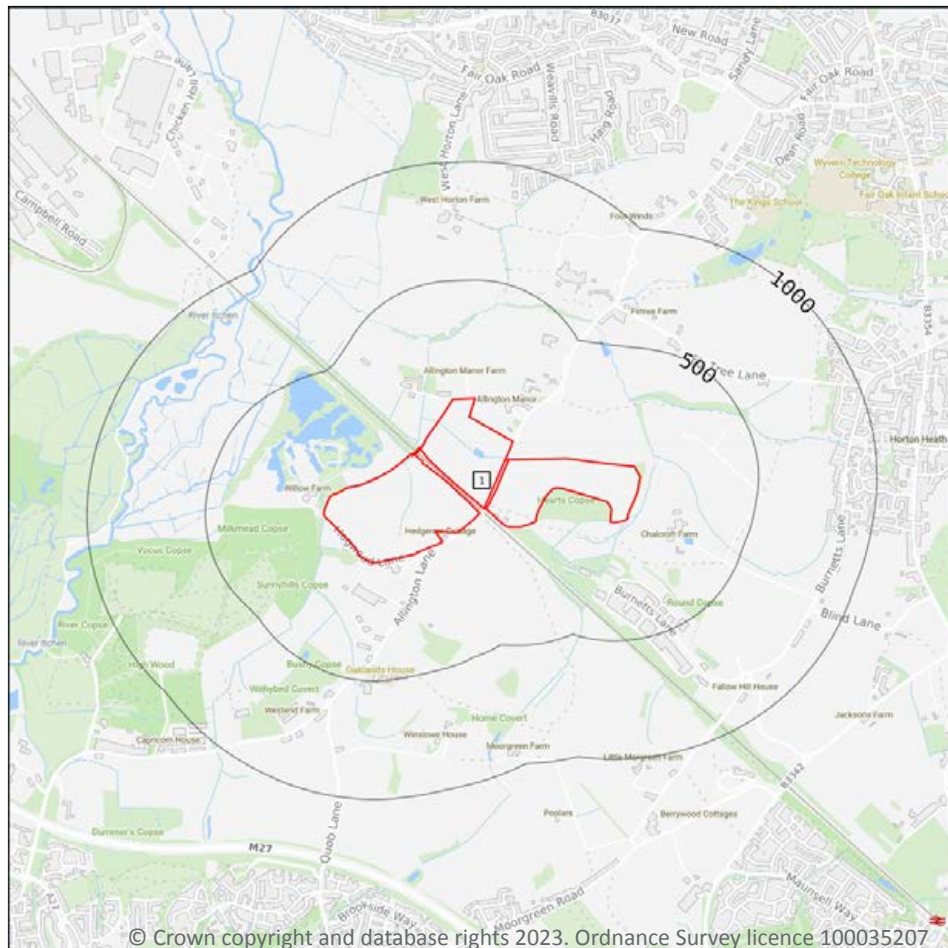
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

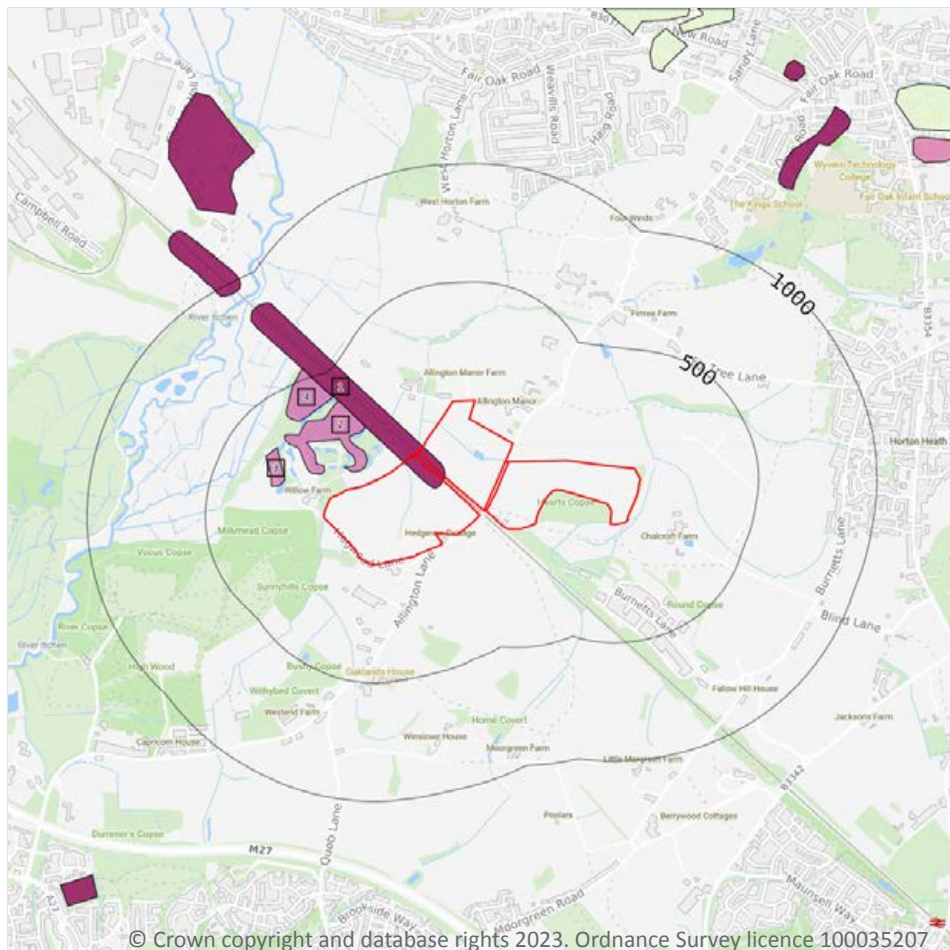
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 103](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW315_southampton_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

4

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 104](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	65m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	206m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
4	348m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID



This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

1

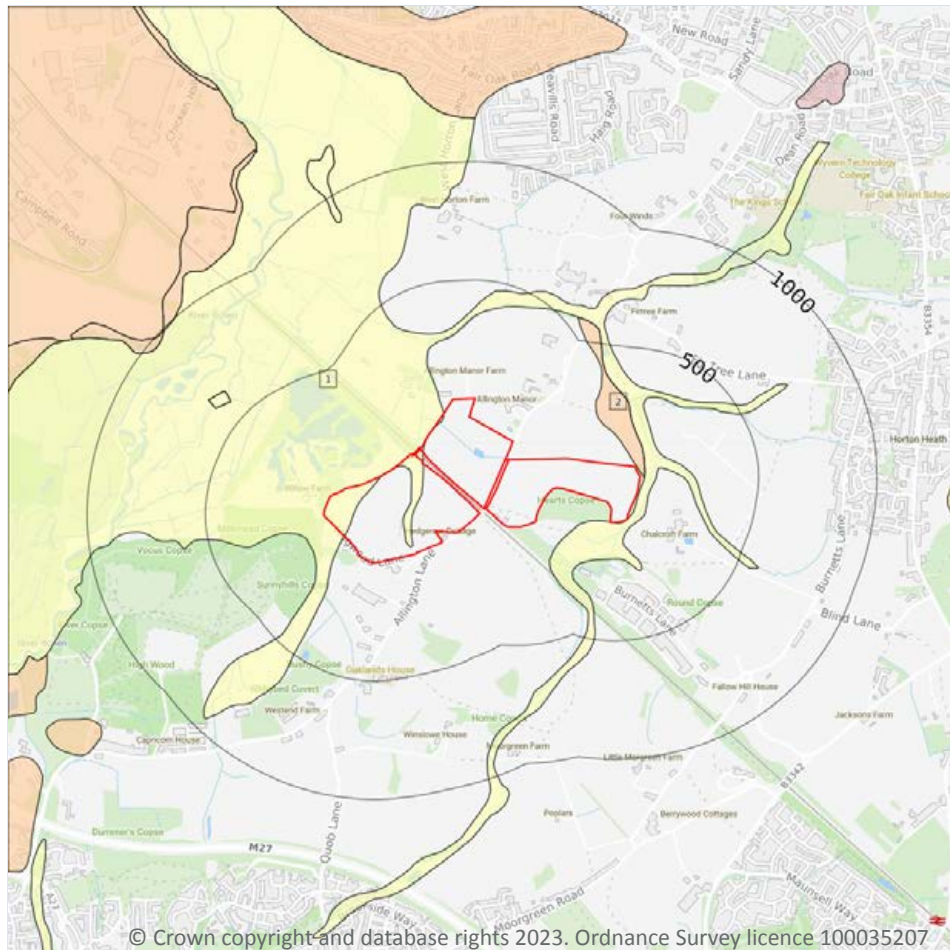
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

▣ Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

2

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 106](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
2	8m E	RTD1-XSV	RIVER TERRACE DEPOSITS, 1	SAND AND GRAVEL

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m

2

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	Very Low
8m E	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

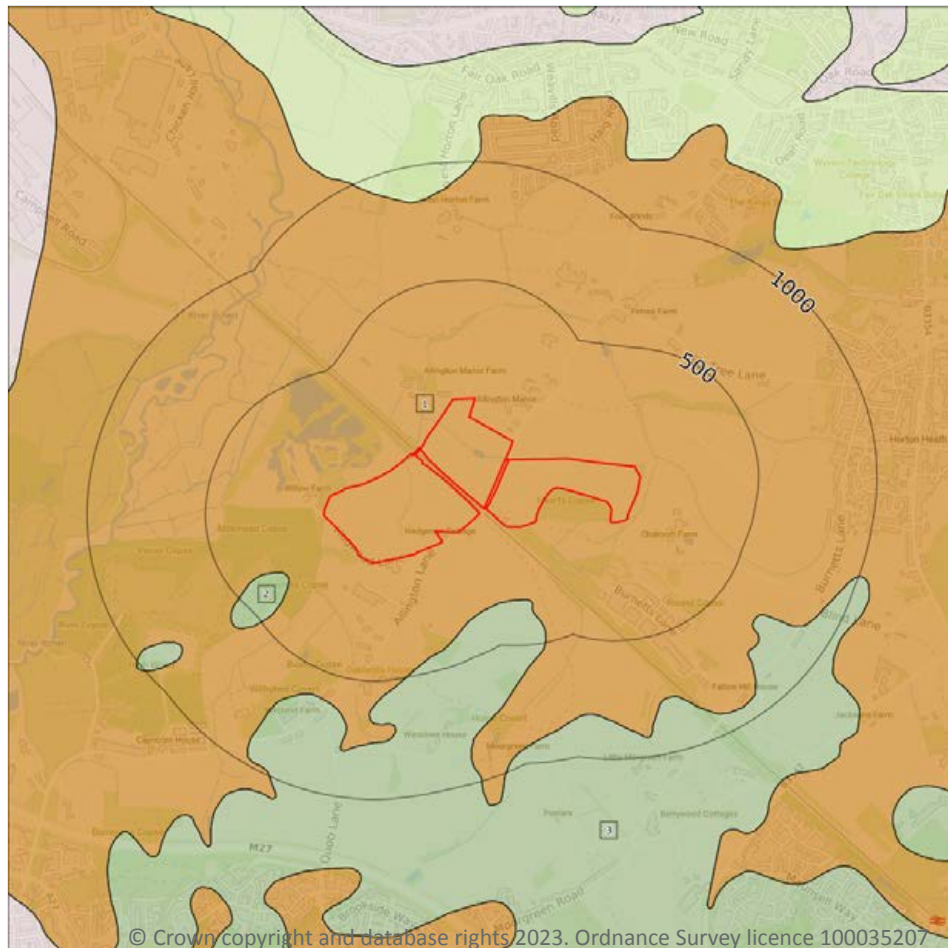
0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

3

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 108 >](#)

ID	Location	LEX Code	Description	Rock age
1	On site	WTT-XSZC	WITTERING FORMATION - SAND, SILT AND CLAY	YPRESIAN
2	289m SW	EA-XSZC	EARNLEY SAND FORMATION - SAND, SILT AND CLAY	LUTETIAN
3	308m SE	EA-XSZC	EARNLEY SAND FORMATION - SAND, SILT AND CLAY	LUTETIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

1

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

0

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.

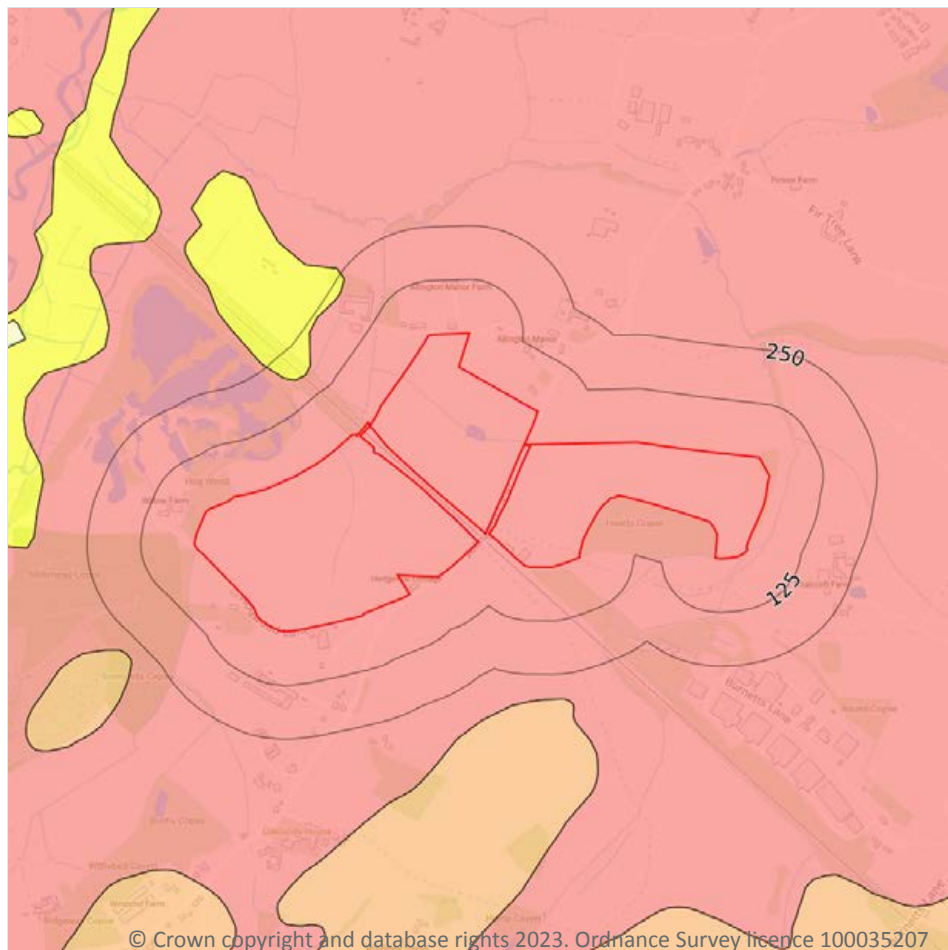


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- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

110

17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

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17.1 Shrink swell clays

Records within 50m

1

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

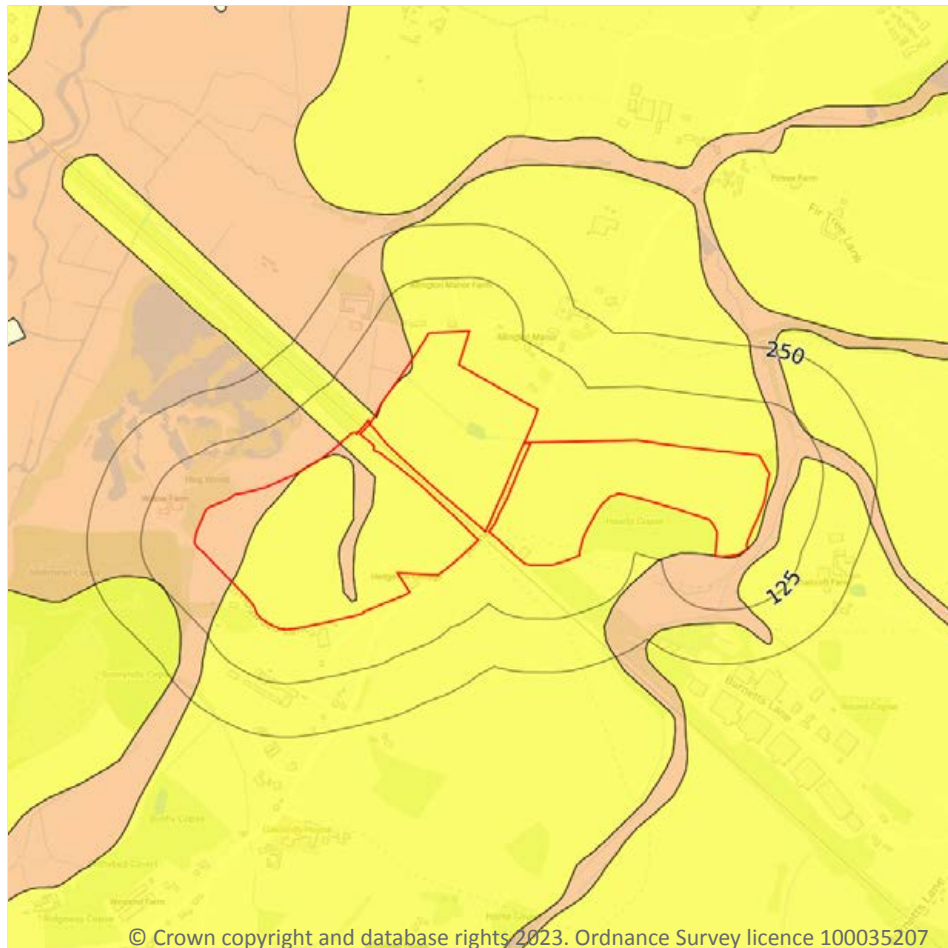
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 111](#) >

Location	Hazard rating	Details
On site	Moderate	Ground conditions predominantly high plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

3

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on [page 112 >](#)

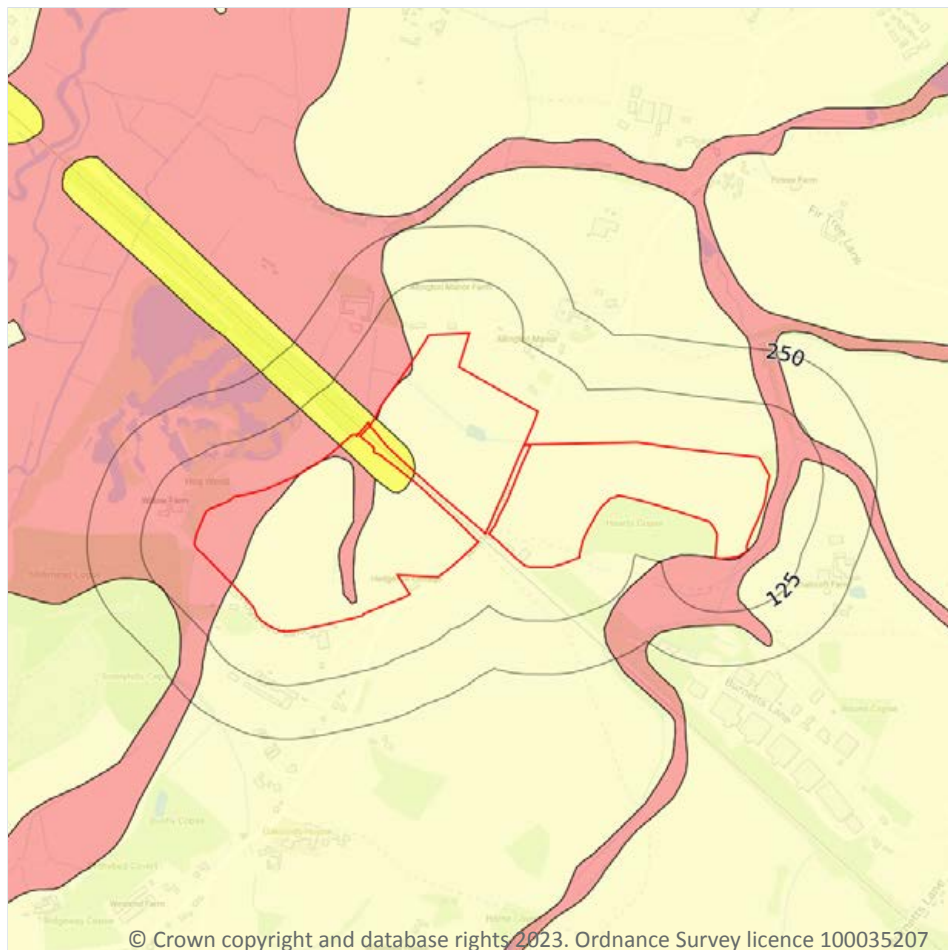
Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
35m E	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

4

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 114](#) >

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

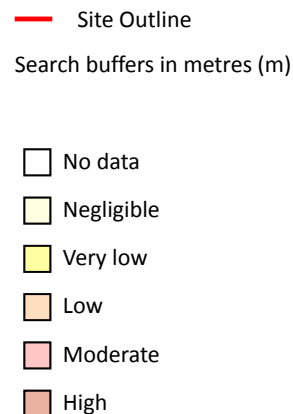
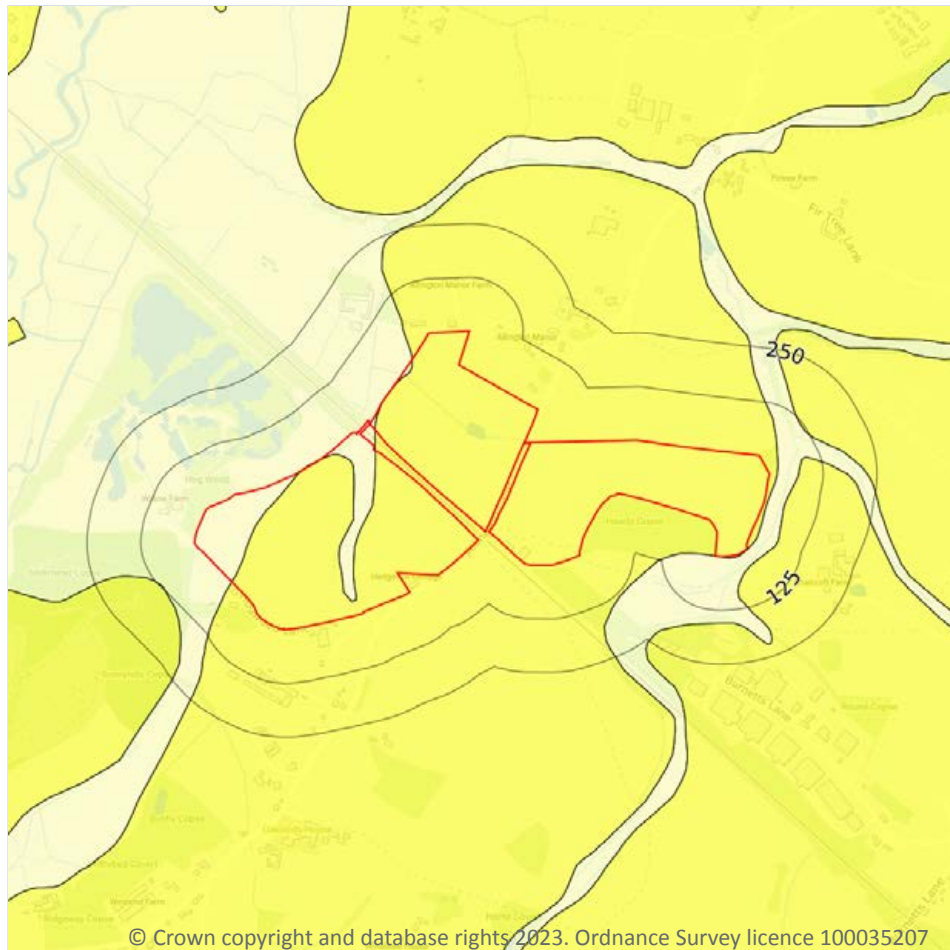


Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
35m E	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



17.4 Collapsible deposits

Records within 50m

3

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

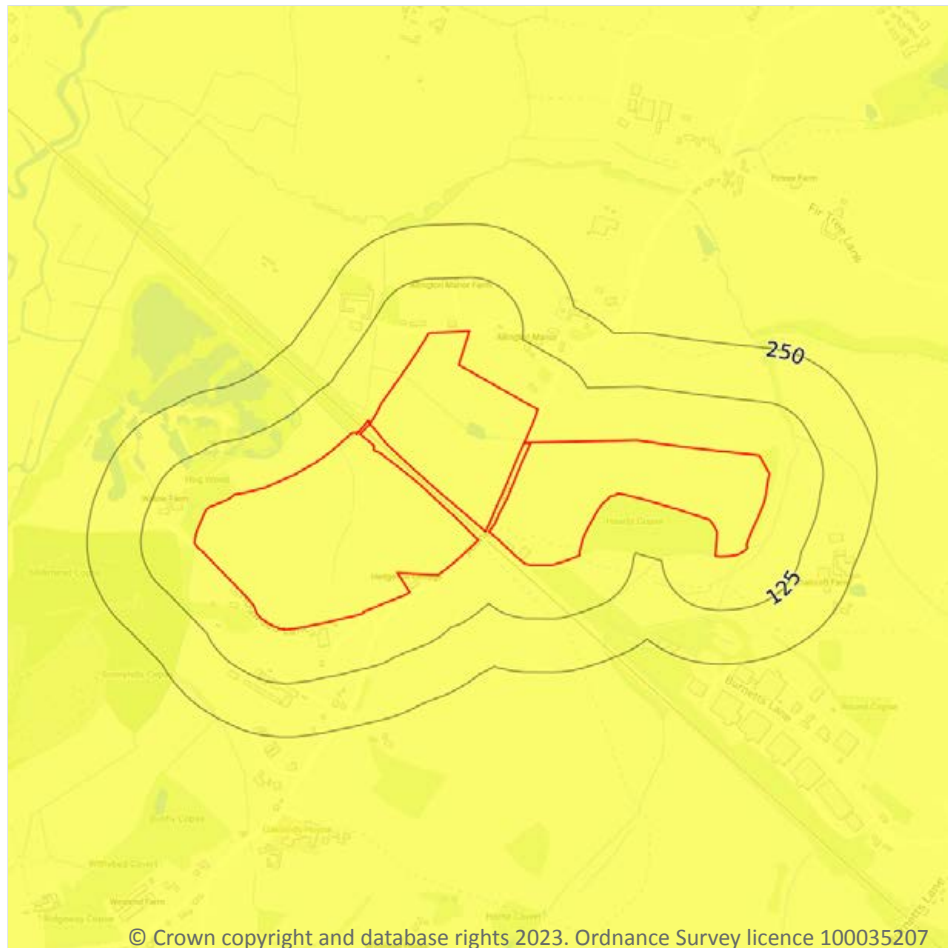
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 116 >](#)

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
35m E	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



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- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

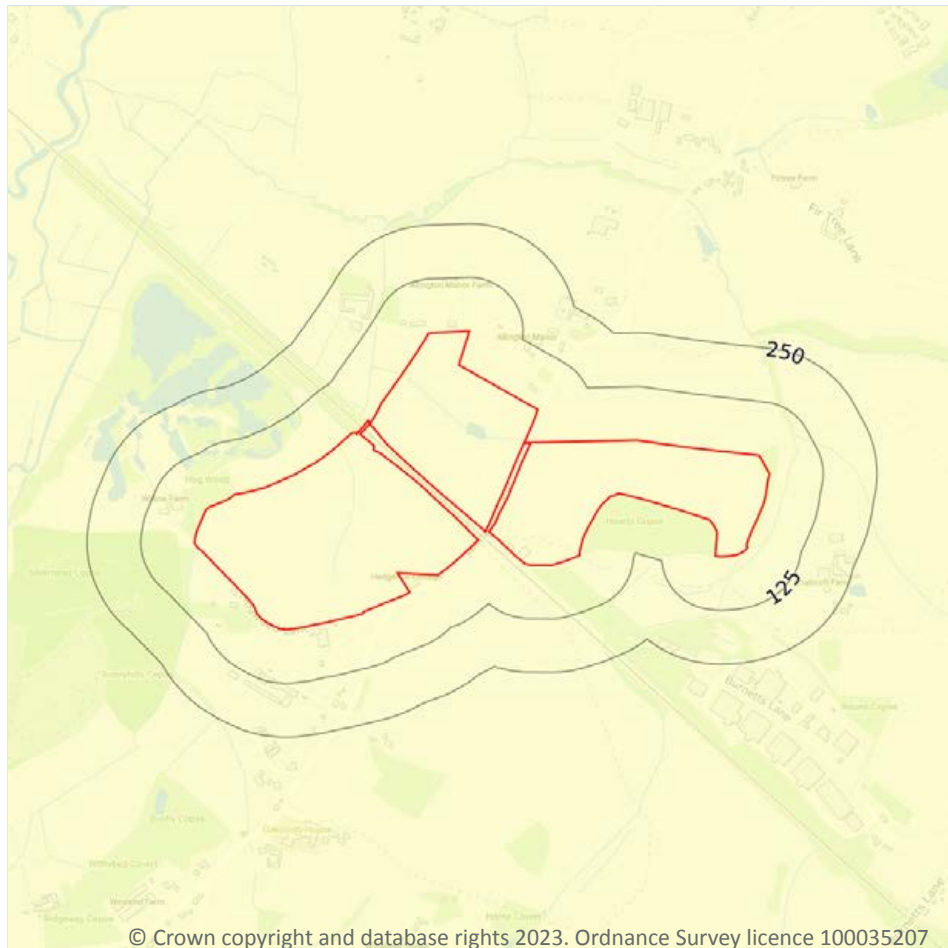
Features are displayed on the Natural ground subsidence - Landslides map on [page 118](#) >

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 119](#) >

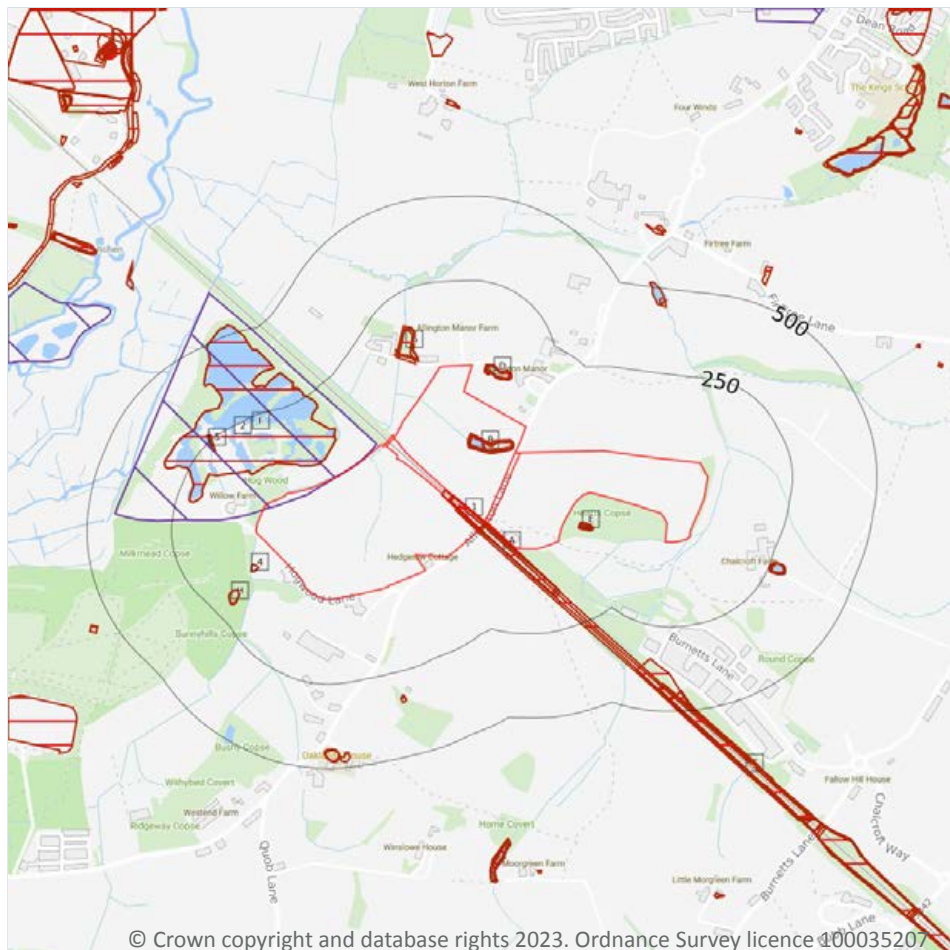
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



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- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

36

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 121](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Cuttings	1908	1:10560
A	On site	Cuttings	1938	1:10560
A	On site	Cuttings	1957	1:10560
B	On site	Fish Pond	1938	1:10560
B	On site	Fish Pond	1908	1:10560
B	On site	Fish Pond	1895	1:10560
B	On site	Fish Pond	1868	1:10560
B	On site	Pond	1989	1:10000
B	On site	Pond	1968	1:10560
B	On site	Fish Pond	1957	1:10560
B	On site	Pond	1981	1:10000
C	On site	Cuttings	1895	1:10560
C	On site	Cuttings	1868	1:10560
3	3m SE	Cuttings	1908	1:10560
D	40m N	Fish Pond	1957	1:10560
D	41m N	Pond	1968	1:10560
E	43m E	Pond	1957	1:10560
D	45m N	Fish Pond	1908	1:10560
D	45m N	Fish Pond	1938	1:10560
D	45m N	Fish Pond	1895	1:10560
D	45m N	Fish Pond	1868	1:10560
E	45m E	Pond	1989	1:10000
E	45m E	Pond	1968	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
E	45m E	Pond	1981	1:10000
E	48m E	Pond	1908	1:10560
E	49m E	Pond	1938	1:10560
F	56m W	Ponds	1989	1:10000
F	56m W	Ponds	1981	1:10000
G	64m N	Pond	1908	1:10560
4	67m W	Pond	1908	1:10560
G	67m N	Pond	1895	1:10560
G	72m N	Pond	1957	1:10560
H	159m SW	Pond	1989	1:10000
H	159m SW	Pond	1968	1:10560
H	159m SW	Pond	1981	1:10000
5	218m W	Pond	1895	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

1

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

Features are displayed on the Mining and ground workings map on [page 121](#) >

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
2	On site	Maddox Ford Farm	Sand and gravel	Surface mineral working	Valid	Not available

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.



18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.



18.14 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

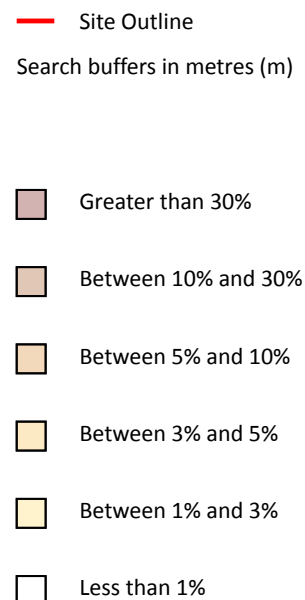
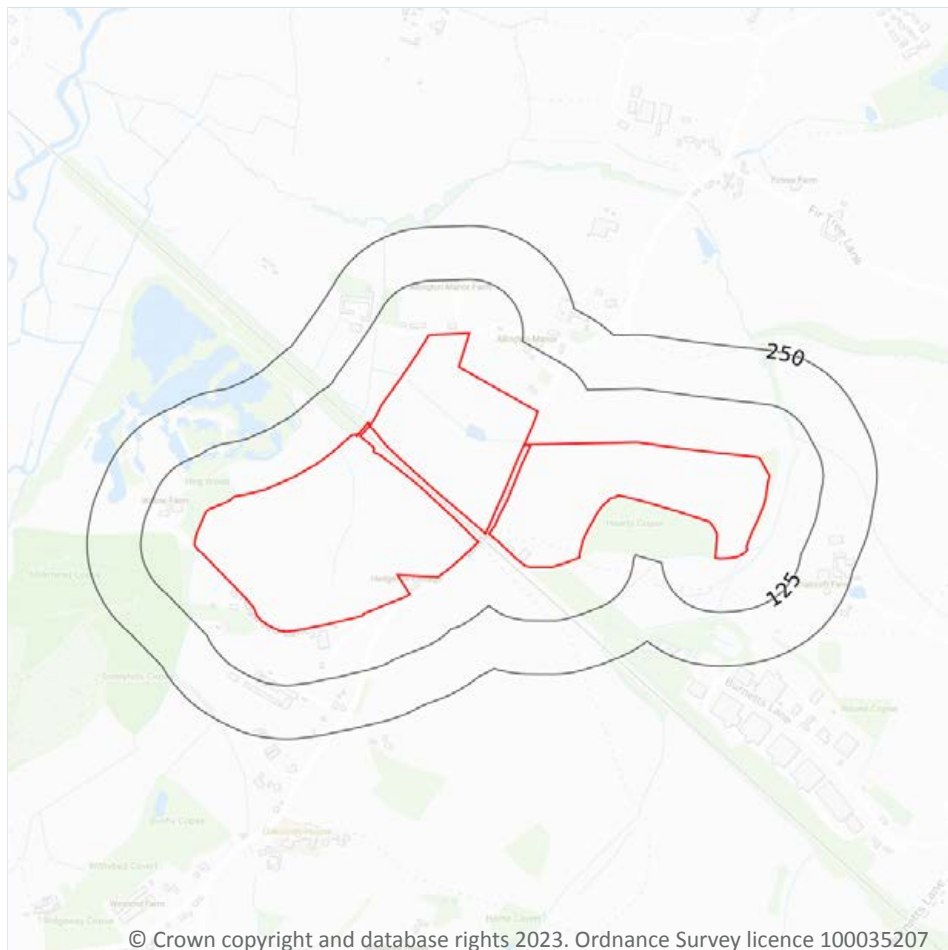
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



20.1 Radon

Records on site

1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 129](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None



This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

20

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg



Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
21m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
35m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
39m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
41m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
41m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

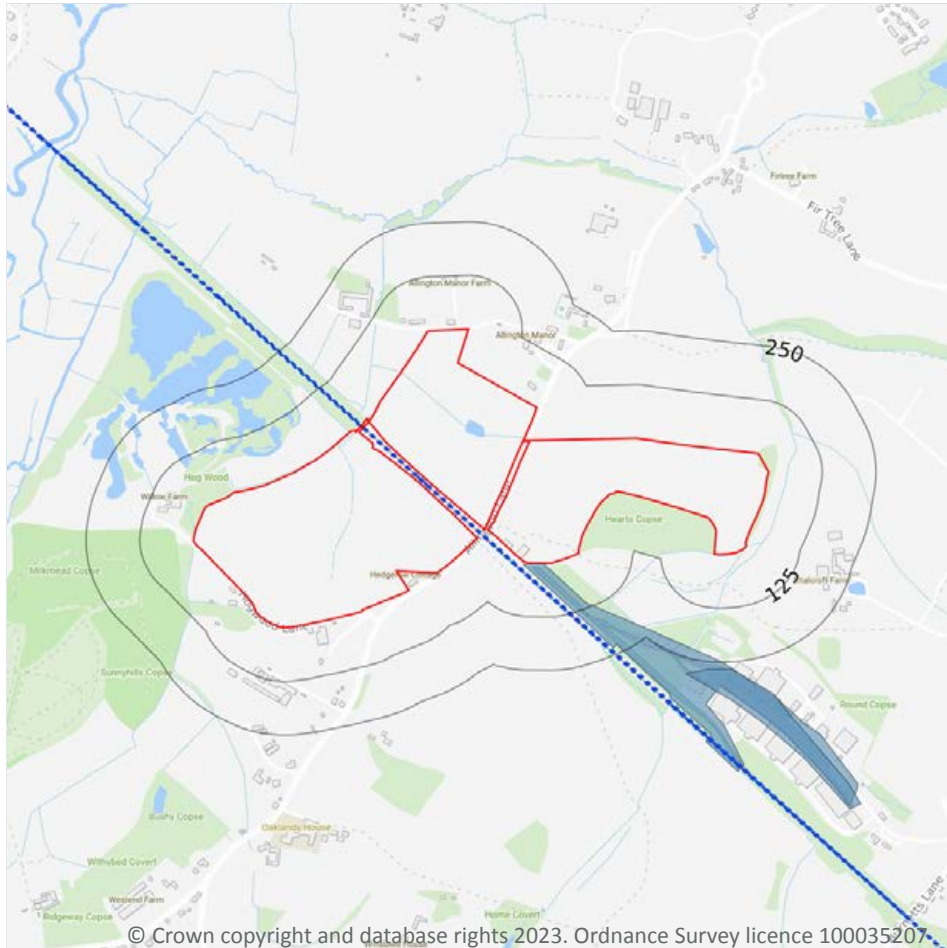
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C1 Crossrail 1 Stations
- Crossrail 1 Route
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

4

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 133 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1968	10560
On site	Railway Sidings	1957	10560
10m SE	Railway Sidings	1961	2500
137m SE	Railway Sidings	1962	2500

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.



22.6 Historical railways

Records within 250m

0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

13

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on [page 133](#) >

Location	Name	Type
On site	Eastleigh to Fareham Line	rail
On site	Eastleigh to Fareham Line	rail
On site	Not given	Multi Track
0m NW	Not given	Multi Track
1m NW	Eastleigh to Fareham Line	rail
1m NW	Eastleigh to Fareham Line	rail
2m NW	Eastleigh to Fareham Line	rail
2m NW	Eastleigh to Fareham Line	rail
3m NW	Not given	Multi Track
8m NW	Not given	Multi Track
8m W	Not given	Multi Track
18m SE	Not given	Multi Track
195m SE	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.



22.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

22.9 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-april-2023/> ↗.

