



BLENHEIM ESTATE

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Land East of
Park View
Woodstock

Phase 1 Geoenvironmental Desk Study Report
July 2019





Blenheim Estate / Vanbrugh Unit Trust

Phase 1 Geoenvironmental Desk Study Report

**Land off Shipton Road
Woodstock
Oxfordshire
OX20 1QL**

**Report No: 19.06.014
July 2019**



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Client Name Blenheim Estate / Vanbrugh Unit Trust

Prepared By:

Signed.....

Jane Taylor
Senior Geoenvironmental Engineer
MSci (Hons), MSc, MCIWEM

Checked By

Signed.....

Matthew Clarke
Principal Geotechnical Engineer
BSc (Hons), MSc (Dipl), FGS, CGeol

For and on behalf of ListersGeo, trading name of Listers Geotechnical Consultants Ltd

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Date: July 2019



EXECUTIVE SUMMARY

Project Reference	19.06.014
Site Location	Land off Shipton Road, Woodstock, Oxfordshire, OX20 1QL
OS Grid Reference	445870, 216220
Development Proposals	It is proposed to develop the site to accommodate 500 dwellings, and the relocation of Woodstock Football Club and further outdoor sports provision.
Current Site Usage	The site is currently agricultural land.
Existing Buildings	None
Topography	The area slopes gently down to the southeast, as does the site itself.
Vegetation	The fields were planted with crops and bound by a mix of hedgerows and mature trees.
Published Geology	The site is shown to be directly underlain by bedrock of the Cornbrash Formation over the Forest Marble Formation. The Cornbrash Formation is shown to be absent in the southwest of the site.
Site History	The site has been predominantly agricultural land since pre-1877 with an Isolation Hospital in the north of the site during the 1920s.
Unexploded Ordnance	The site is at low risk of encountering Unexploded Ordnance (UXO).
Hydrology	The nearest watercourses are field drains, approximately 80m southeast and 230m northeast of the site.
Hydrogeology	Both the Cornbrash Formation and the Forest Marble Formation are classified as Secondary A Aquifers.
Geotechnical Hazards	There is potential for desiccation and soil heave associated with tree removal.
Expected Ground Conditions	Topsoil is expected to be encountered from ground level down to a maximum of 0.6m below ground level (bgl) underlain by orange brown and grey limestone of the Cornbrash Formation to between 0.7m and the base of the exploratory holes at 1.7m, over stiff, grey, silty clay of the Forest Marble Formation, from between 0.7m and 4.9m bgl, proven to a maximum of 15.0m bgl.
Potential Risks to Human Health	There is considered to be no significant risk to human health at the site.
Potential Risks to Controlled Waters	There is considered to be no significant risk to Controlled Waters at the site.
Risk of Soil Gases	Gas protection measures are not considered to be required.
Potential Remediation Required	None
Further Work	No further assessment is considered to be required at the site.

This executive summary should be read in conjunction with the main report.

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INTRODUCTION

A Phase 1 Geoenvironmental desk study has been undertaken for Land off Shipton Road, Woodstock, Oxfordshire, OX20 1QL. A Site Location Plan is provided in Appendix A. The Ordnance Survey National Grid reference for the approximate centre of the site is 445870, 216220.

Instructions to undertake the investigation were received from Terence O'Rourke Ltd, acting on behalf of the client, in their email dated 18 June 2019.

This report supplements a previous Phase 1 Geoenvironmental Desk Study report and Phase 2 Ground Investigation report prepared by ListersGeo (report numbers 14.08.005 and 14.08.005a, both dated November 2014). This current report presents an updated assessment and should be read in conjunction with the previous reports for full details of the investigations undertaken at the site.

This report presents an updated desk study and walkover survey carried out by ListersGeo in order to provide an up-to-date evaluation of the potential ground conditions and potential for any soil or groundwater contamination at the site. The report presents a preliminary human health and groundwater risk assessment based on the findings of the desk study information, and information on the potential geotechnical conditions that may be encountered.

This report has been prepared for the sole use of the client and their professional advisors. This report shall not be relied upon by third parties without the express written authority of ListersGeo. If an unauthorised third party comes into possession of this report they must not rely on it and the authors owe them no duty of care and skill.

PROPOSALS

Exact proposals are yet to be confirmed, however it is proposed to redevelop the area to the south of Shipton Road to accommodate 500 dwellings, and the relocation of Woodstock Football Club and further outdoor sports provision in the area to the north of Shipton Road.

The preliminary geoenvironmental risk assessment has been prepared in support of the planning application for the development.

SITE INFORMATION AND WALKOVER SURVEY

A walkover survey of the site and its immediate surrounds was undertaken on 26 June 2019. A selection of site photographs is provided in Appendix A along with a plan showing the existing site layout annotated with the salient features identified.

The site lies in a predominantly rural area just east of the town of Woodstock and is currently in agricultural use.

The site consists of a roughly square parcel of land, measuring approximately 730m by 730m and covering 52 ha in area.



The general topography of the area slopes gently down to the southeast towards the River Cherwell, approximately 1.7km east of the site, as does the site itself.

The site is bordered by:

Direction	Feature
North	Shipton Road in the northeast with farmyard and agricultural fields beyond. Residential houses lie to the northwest.
East	Upper Campsfield Road (A4095) with a farmyard and a few residential houses, including a cattery, immediately beyond then fields associated with Oxford Airport.
South	Oxford Road (A44) with Campsfield Wood, a house, and a caravan site beyond.
West	Two houses are located on the western boundary with housing under construction beyond.

The site currently comprises of two fields, separated by Shipton Road.

The field to the south of Shipton Road was planted with wheat at the time of the walkover. The field was bounded by hedgerows to the south and west and a strip of woodland along the majority of the north and western boundaries. A gap in vegetation the width of the northern field was present along Shipton Road.

The site extends to the southern portion of the field to the north of Shipton Road which was planted with rapeseed at the time of walkover. The site area was bounded by hedgerows to the east, south, and west with a public right of way delineating the northern boundary. A number of mature trees were also present within the eastern hedgerow.

No obvious evidence of spills or gross contamination were observed and vegetation appeared to be healthy.

PREVIOUS INVESTIGATIONS

ListersGeo, Phase 1 Geoenvironmental Desk Study, November 2014

A Phase 1 Geoenvironmental Desk Study was previously undertaken by ListersGeo report number 14.08.005, (issue 3) dated November 2014.

The investigation site boundary did not include the current site are to the north of Shipton Road and extended westwards by approximately an additional 225m, to include the 'Land East of Woodstock' site that received planning permission for residential development in 2018. The proposed development at this time comprised up to 1,500 residential dwellings, the relocated football club, a park-and-ride, a supermarket, elderly care provision, and a village centre, with only the former three uses falling within the current site boundary. Only information regarding the current site boundary has been included in the summary below.

It was identified that an 'Isolation Hospital' was located in the north of the site in the 1920s and an unknown structure in the centre during World War II. A small quarry was reported to have been present in the northeast of the site.



Potential contamination sources were identified as Made Ground associated with the historical Isolation Hospital, structure in the centre of the field, and infilling of the quarry in the northeast (though this was considered unlikely). The infilled quarry was also identified as a potential gas risk, as well as a historical landfill 270m northwest of the site.

The nearest surface watercourse was reported as the Rowell Brook, flowing south, approximately 100m southeast of the site. The underlying bedrock of the Cornbrash Formation was designated as a Secondary A Aquifer. No groundwater abstraction licences were reported within 1000m of the site nor were any Source Protection Zones.

Radon protection measures were reported to not be required.

The full report should be referred to for more detail.

ListersGeo, Phase 2 Ground Investigation, November 2014

A Phase 2 Ground Investigation was previously undertaken by ListersGeo, report number 14.08.005a (issue 3), dated November 2014, based on the findings of the desk study detailed above. The salient points relevant to this report are included here, but the full report should be referred to for more detail. Only information regarding the current site boundary has been included below.

A total of forty-three exploratory holes were formed at the site, comprising forty machine-excavated trial pits, nineteen continuous tube sample boreholes with adjacent dynamic probe holes, and six rotary boreholes. Topsoil was encountered from ground level down to between 0.1m and 0.6m below ground level (bgl), over orange brown and grey, fossiliferous and sandy limestones of the Cornbrash Formation to between 0.7m and the base of the trial pits and continuous tube sampler boreholes at 1.7m bgl, underlain by stiff, grey, silty clay of the Forest Marble Formation, from between 0.7m and 4.9m bgl and proven to 15.0m bgl. Groundwater was not encountered during drilling but was reported at between 4.48m and 9.54m bgl (80.03m and 81.19m above Ordnance Datum, AOD) within the Forest Marble Formation during subsequent monitoring. This was reported to infer easterly groundwater flow towards the River Cherwell.

No significantly elevated concentrations of contaminants were detected in samples of shallow soils from the site, with respect to a 'Residential with Plant Uptake' end use or UK Drinking Water Standards (UKDWS). It was therefore considered that the site did not pose a risk to human health or controlled waters and remediation was reported not to be required.

Since this report was issued, a new set of generic assessment criteria (Suitable for Use Levels or S4ULs, 2015) were published that are generally more conservative than those used in this report and have become the current standard usage within the contaminated land industry. When compared to these new screening criteria, no exceedances were identified and the above conclusion made in the 2014 report remains true.

DESK STUDY AND BACKGROUND INFORMATION

A desk study review of the site and its history has been undertaken to determine the former land usage and the potential for any historically derived sources of chemical contamination, as well as provide information to aid in assessment.

The information provided in the desk study is obtained from independent third-party sources but no guarantee can be given for the accuracy or completeness of the third-party data used. It should be appreciated that such data is not exhaustive and is constantly being updated and reviewed in light of new information and procedures. Therefore, improved practices, technology, and new information may affect the conclusions and hence this report should be referred back to ListersGeo for reassessment if new data comes to light, or changes in legislation/best practise is identified prior to development. Similarly, should the development commence after expiry of one year from publication of this report, then it is recommended that this report is referred back to ListersGeo for reassessment.

A copy of the desk study information obtained from Landmark is presented in Appendix B of this report.

The desk study comprises a review of the following consultations and information sources:

- Environment Agency (EA)
- Natural England
- National Geoscience Information Service
- Public Health England
- Centre for Ecology & Hydrology
- British Geological Survey (BGS)
- Contemporary Trade Directories
- Historical Ordnance Survey maps
- Aerial Imagery
- Unexploded Ordnance (UXO) maps

Information from the above referenced sources has been utilised to develop a conceptual model of the site for use in the source-pathway-receptor risk assessment.

GEOLOGY

Published Geology

Reference to the British Geological Survey (BGS) 1:50,000 scale map, Sheet 236 for Witney, dated 1982, and other published geological information on the area indicates that the site is directly underlain by bedrock



geology of the Cornbrash Formation over Forest Marble Formation, both of the Jurassic period. The Forest Marble Formation is mapped as present at surface in the southwestern corner of the site.

A fault is shown approximately 220m west of the site, oriented northwest to southeast, and downthrown to the northeast.

Small areas of superficial deposits of the Wolvercote Sand and Gravel Member, of Quaternary age, are mapped to be present from approximately 280m northeast of the site.

Superficial Deposits

The Wolvercote Sand and Gravel Member generally comprises sands and gravels of limestone, quartzite, and flint. If present beneath the site itself the deposit is likely to be thin.

Bedrock

The Cornbrash Formation is generally represented by blue grey, weathering yellow brown, sandy limestone. Beneath the site, the formation is expected to be up to 5m thick.

The Forest Marble Formation is generally represented by green grey, calcareous mudstone. Beneath the site, the formation is expected to be up to 30m thick.

Historical Boreholes

The BGS holds records of exploratory holes historically put down during previous investigations. The records of three historical boreholes and two historical trial pits have been reviewed to aid the preliminary assessment of the ground conditions. These were drilled to a maximum of 15m bgl in 1990 and form a line from north to south across the site, understood to be associated with plans for a Woodstock bypass road.

Topsoil was encountered from ground level to between 0.20m and 0.60m bgl, over grey brown and yellow brown, weathered, interbedded limestone and clay of the Cornbrash Formation to between 1.20m and 2.60m bgl (thickening southwards), underlain by stiff, light grey, silty clay, weathered mudstone, and interbedded mudstone and limestone of the Forest Marble Formation, proven to 15m bgl. Groundwater was encountered at 1.68m bgl, rising to 1.40m bgl in 3 minutes, and 5.22m bgl, rising to 3.53m bgl after 20 minutes. One of the boreholes in the north of the site, near to Shipton Road, was installed as a monitoring well and may still be present.

ListersGeo

Previous investigation of the site by ListersGeo in 2014 encountered Topsoil from ground level to between 0.1m and 0.6m bgl, over orange brown and grey, fossiliferous and sandy limestones of the Cornbrash Formation to between 0.7m and the base of the trial pits and continuous tube sampler boreholes at 1.7m bgl, underlain by stiff, grey, silty clay of the Forest Marble Formation, from between 0.7m and 4.9m bgl and proven to a maximum of 15.0m bgl. Groundwater was not encountered during drilling but was reported at between 4.48m and 9.54m bgl (80.03m and 81.19m above Ordnance Datum, AOD) during subsequent monitoring.



Based on exploratory holes beyond the current site boundary, it appears unlikely that the Cornbrash Formation would be absent at the site, as indicated on geological mapping.

HISTORY OF THE SITE

The history of the site has been assessed by reviewing the historical Ordnance Survey and National Grid maps and aerial imagery of the area. This has established the following:

Time Period	Historical Usage of the Site	Historical Usage of the Surrounding Area
1877 - 1884	<p>The north-eastern corner of the site is labelled as an old quarry.</p> <p>The site is shown to comprise an undeveloped agricultural field with its boundary broadly as present day and a small plot delineated in the northeast of the site.</p>	<p>The site is surrounded predominantly by agricultural land with the bounding roads to the north, east, and south of the site are shown as present day, including Shipton Road. The town of Woodstock is present from approximately 800m west of the site.</p> <p>A quarry is shown 40m southeast of the site.</p> <p>A 'Pest House' with a well, thought to have been a smallpox isolation hospital, is located immediately west of the site and a farmyard with a pump is shown approximately 160m northeast of the site.</p> <p>The grounds of Blenheim Palace are approximately 210m west of the site.</p>
1899	<p>The old quarry is shown to have been infilled and replaced with woodland, which extends along the northern and eastern boundaries of the site, adjacent to Shipton Road and Upper Campsfield Road.</p> <p>A small building is shown in the centre of the northern site boundary, adjacent to Shipton Road.</p>	<p>The quarry southeast of the site appears to have been infilled.</p> <p>The field immediately west of the site, and the grounds of the 'Pest House' are labelled as allotment gardens.</p>
1900		<p>A farmyard is shown, approximately 60m northeast of the site, off Shipton Road.</p> <p>An 'old' limestone quarry is shown approximately 800m northeast of the site.</p> <p>A cluster of small quarries, labelled 'Bladon Pits', is located approximately 680m southwest of the site.</p>
1922 - 1923	<p>A small Isolation Hospital is present in the north of the site.</p>	<p>A large house is shown within Campsfield Wood, approximately 90m south of the site.</p>
1938 - 1939	<p>The Isolation Hospital is no longer shown.</p> <p>Small plot boundaries are shown around the former Isolation Hospital and the small building adjacent to it.</p>	<p>Woodstock has expanded to approximately 300m west of the site.</p> <p>A church is shown immediately adjacent to the southwestern corner of the site.</p> <p>Two houses are present immediately southeast of the site.</p>
1945 - 1955		<p>Aerial imagery indicated that Oxford Airport to the southeast of the site is present (labelled as Kidlington Aerodrome on the 1947 map) with buildings immediately beyond Upper Campsfield Road.</p> <p>Minor residential development has occurred 20m northeast, 140m south and 380m west of the site.</p> <p>The existing roundabout immediate south of the site is shown on aerial imagery from 1945.</p>

Time Period	Historical Usage of the Site	Historical Usage of the Surrounding Area
1973 -1975	The smaller plots in the northwest of the site are no longer shown.	The church adjacent to the southwestern corner of the site is now shown as a house. A caravan park is shown approximately 100m south of the site. Several large buildings are shown within Oxford Airport to the southeast. Further eastward expansion of Woodstock has occurred, including a school and playing field 160m northwest of the site. The 'Pest House' is no longer labelled as such and the allotment gardens are no longer present. The farmyards northeast of the site have expanded and a number of new houses are shown nearby.
1980 -1990		The 'old' limestone quarry approximately 800m northeast of the site is no longer labelled as such and appears to have been partially infilled. The 'Bladon Pits' are labelled as disused.
1994 -1999		The large buildings are no longer shown within Oxford Airport.
2000	The small building on the northern site boundary is no longer shown.	The playing field is now shown to extend to immediately west of the site, beyond Shipton Road.
2004 - 2019		Aerial imagery indicates that the remainder of the 'old' limestone quarry 800m northeast of the site has been infilled.

UNEXPLODED ORDNANCE AND BOMB SITES

The Zetica bomb risk map shows that the site is located in an area where there is a low risk of unexploded ordnance. Low-risk regions are those with a bombing density of up to 15 bombs per 1,000 acres and there is a low potential for encountering UXO on the site. Works can normally proceed without any special precautions.

HYDROLOGY

The nearest surface watercourses are field drains approximately 80m southeast and 230m north of the site, both flowing eastwards.

The EA's Catchment Data Explorer indicates that the site lies across three Operational Catchment areas, as follows:

The majority of the site lies within the 'Ock' Operational Catchment, with surface water feeding the River Thames. The nearest section of the River Thames, approximately 3.3km south of the site, has an overall water body classification of 'Moderate' as determined in 2016 due to ecological criteria and phosphate and tributyltin content.

The southwest corner of the site lies within the 'Evenlode' Operational Catchment, with surface water feeding the River Glyme. The nearest section of the River Glyme, approximately 1km northwest of the site, has an overall water body classification of 'Poor' as determined in 2016 due to ecological criteria.

The north of the site lies within the 'Cherwell' Operational Catchment, with surface water feeding the River Cherwell. The nearest section of the River Cherwell, approximately 1.5km east of the site, has an overall water body classification of 'Moderate' as determined in 2016 due to ecological criteria.

The Envirocheck data indicates that the site lies outside of any flood impact zones. However, this information does not constitute a site-specific Flood Risk Assessment (FRA). It is therefore recommended that appropriate enquiries are made to determine if such an assessment is required to support the planning application for the site.

There is one recorded current surface water abstraction licence located within 1000m of the site, relating to water from a tributary of the River Cherwell being used for spray irrigation, approximately 260m northeast of the site.

HYDROGEOLOGY

Information obtained from the EA indicates that the underlying Cornbrash Formation and Forest Marble Formation are classified as Secondary A Aquifer.

The aquifer designation data is based on geological mapping provided by the BGS. The maps are divided into two different types of aquifer designation:

- **Superficial (Drift)** - permeable unconsolidated (loose) deposits. For example, sands and gravels.
- **Bedrock** - solid permeable formations e.g. sandstone, chalk and limestone.

For each type there are Principal, Secondary A, Secondary B and Unproductive Strata, each with a decreasing rank of importance.

There is one recorded current groundwater abstraction licence located within 1000m of the site, relating to non-industrial top-up water, approximately 200m northeast of the site.

WASTE TREATMENT AND LANDFILL SITES

There is one historical landfill site located approximately 300m north of the site, associated with infilling of the former railway cutting. It is recorded to have accepted inert, industrial, commercial, household, special waste, and liquid sludge in 1980 only. Given the size and age of the landfill and its distance from the site, it is considered unlikely to have a significant impact on the site itself.

There are no other historical or current landfill sites, active waste transfer sites, waste treatment sites, or waste management facilities within 1000m of the site area.

ENVIRONMENTAL PERMITS, INCIDENTS AND REGISTERS

There have been no recorded pollution incidents to controlled waters within 250m of the site.



There are six potentially-active discharge licenses recorded within 1000m of the site, as follows:

- One operated by the Blenheim Estate relating to discharge of treated sewage effluent to land, approximately 310m west of the site.
- One relating to residential properties for discharge of treated sewage effluent to land, approximately 670m southeast of the site.
- One operated by Woodstock Bowls and Tennis Club relating to discharge of treated sewage effluent to land, approximately 750m northwest of the site.
- Two relating to residential properties for discharge of treated sewage effluent to tributaries of the River Cherwell and Oxford Canal, approximately 820m and 830m east of the site.
- One operated by Oxford Airport relating to discharge of surface water to a field ditch, approximately 880m east of the site.

There are no Local Authority/Integrated Pollution Control (IPC) licences or Integrated Pollution Prevention and Control (IPPC) licences recorded within 2000m of the site. One Local Authority PPC licence is located within 2000m of the site, concerning a vehicle maintenance garage located approximately 870m northwest of the site, which is no longer present.

INDUSTRIAL USAGE SITES

No past or present trade directory entries have been identified within 250m from the site.

The nearest active fuel filling station is in excess of 1km from the site.

Historical and Current Site Usage

The majority of the site has always comprised agricultural land, as it is today, however an Isolation Hospital was present in the north of the site during the 1920s.

Limited contaminants are likely to be associated with the historical site usage. Possible contaminants associated with the Isolation Hospital may include various chemicals. Possible contaminants associated with agricultural site usage could include fuels and oils, heavy metals, and chemicals including pesticides and herbicides. Asbestos may also be present, particularly if the historical building in the north of the site was a barn, however any remaining asbestos is likely to have been dispersed through years of ploughing and therefore significant amounts are unlikely.

It should be noted that no significant contamination was encountered during the previous intrusive investigation (ListersGeo, 2014).

WORKED OUT GROUND/MADE GROUND

Worked out ground is recorded in the northeast corner of the site, approximately 680m southwest, and approximately 800m northeast of the site. Evidence of infilling is shown on the historical mapping for the areas northeast of the site. Records indicate that the worked ground southwest of the site has been partially infilled but is still labelled as disused quarrying on mapping.



Made Ground, associated with infilled ponds, is located approximately 400m and 570m northwest of the site.

RADON GAS

Desk study information indicates that the site lies within an area where up to 3% of homes exceed the action level of 200 Bq/m³ for radon gas. Therefore, in accordance with BR 211, 'Radon: guidance on protective measures for new dwellings', radon protection measures are not necessary in the construction of new dwellings or extensions without underground rooms at the site. This residential threshold value is considered to be sufficiently conservative to be protective of all the proposed end uses of the site.

POTENTIAL GEOTECHNICAL HAZARDS

Geological

The risk of naturally occurring geotechnical hazards at the site is recorded in the Envirocheck report to be as follows:

Ground Stability Hazard	Hazard Potential Rating
Shrinking and swelling clays	No Hazard to Low
Landslides	Very Low
Collapsible deposits	Very Low
Ground dissolution from soluble rocks	No Hazard to Very Low
Running sand	No Hazard
Compressible deposits	No Hazard

It should be noted that previous site investigation by ListersGeo (2014) found the Forest Marble Formation to be of low volume change potential, in accordance with NHBC Standards.

Mining

The desk study information identified that the site does not lie within an area likely to be affected by coal mining or non-coal mining.

BACKGROUND SOIL CHEMISTRY

Information from the BGS is provided in the table below listing the background soil chemistry of some commonly occurring inorganic elements in the natural soils in the site area.

These concentrations do not indicate any naturally elevated background concentrations in the area.



Contaminant	Level in Rural Soil (mg/kg)
Arsenic	25-35
Cadmium	<1.8
Chromium	90-120
Lead	<100
Nickel	15-30

POTENTIALLY SENSITIVE LAND USES

The site is located immediately adjacent to areas of Adopted and Unadopted Green Belt, under Cherwell District Council, and within broad nitrate vulnerable zones relating to the River Glyme, River Cherwell, and Woodeaton Brook.

Additionally, buried remains of a historical roman villa and field system known as Blenheim or Begbroke Villa have been identified in the southwest and northeast of the site; the former of which is a designated Scheduled Monument (reference 1021367). Prehistoric artefacts are also recorded to have been identified in the area of the site to the north of Shipton Road.

Care should be taken when undertaking groundworks and archaeological supervision may be required by the Local Authority or English Heritage, particular with regard to the Scheduled Monument.

CONCEPTUAL SITE MODEL

A preliminary qualitative risk assessment has been carried out using the source-pathway-receptor principle to create a Conceptual Site Model (CSM). It is understood that the development proposals are for relocation of Woodstock Football Club, further outdoor sports provision, and residential housing.

Potential sources of contamination and potential receptors have been assessed using the Contaminated Land Exposure Assessment (CLEA) Guidelines. This takes into account the fact that a complete pathway must exist between a potential source of contamination and a potential receptor for there to be considered a risk.

POTENTIAL SOURCES

Soil/Groundwater

The results of the desk study and walkover indicate that the following potential sources of soil or groundwater contamination are present at, or in close proximity to, the site:

- Current and historical use as agricultural land, since pre-1877.
- Historical use of the north of the site as an Isolation Hospital, c.1920s.
- Made Ground associated with historical development in the north of the site.
- On-site infilled land in the northeast of the site, associated with the former quarry.

It should be noted that no significant contamination was encountered during the previous investigation (ListersGeo, 2014), nor is it anticipated likely to have occurred since the intrusive investigation took place, based on the recent walkover survey.

Ground Gas

In consideration of the source-pathway-receptor methodology for ground gas risk assessment set out in CIRIA C665, the sensitivity of the development is considered to be high.

With reference to CL:AIRE research bulletin RB17, "A pragmatic approach to ground gas risk assessment", published in 2012, the following potential sources have been assessed:

- No credible sources and pathways for landfill gas migration from off-site landfill have been identified.
- The site itself has not been a registered landfill.
- Any Made Ground present is not expected to be $\geq 5\text{m}$ deep or an average of $\geq 3\text{m}$ in thickness.
- Radon protection measures are not required for this site.
- The site does not lie on a potential naturally organic soil.

Therefore, no potential sources of ground gases have been identified for the site.

POTENTIAL RECEPTORS

The following potential receptors have been identified at or in close proximity of the site:

Human Health – Long Term Exposure

- End users of the site - the future residents
- End users of the site - the future staff and visitors of the football club and sports provision
- Surrounding residents

Human Health – Short Term Exposure

- Construction workers

Controlled Waters

- Surface water of the field drains, 80m southeast and 230m north of the site
- Groundwater of the underlying Cornbrash Formation (Secondary A Aquifer)
- Groundwater of the underlying Forest Marble Formation (Secondary A Aquifer)

Infrastructure

- Buried substructures
- Water supply pipes

POTENTIAL PATHWAYS

It is considered that the following potential pathways may exist between the potential sources and receptors identified above.

Human Health

- Direct soil ingestion in areas of exposed soil
- Ingestion of soil attached to homegrown fruit and vegetables
- Ingestion of fruit and vegetables with contamination uptake
- Inhalation of indoor and outdoor vapours and dust
- Dermal contact with contaminated soil
- Inhalation of soil gases or vapours migrating through permeable strata into the building

Controlled Waters

- Migration of contaminants through the unsaturated zone

- Migration of contaminants through the groundwater
- Movement of contaminants through drains or services runs

Infrastructure

- Leachable or corrosive contaminants within the soil
- Leachable or corrosive contaminants within the groundwater

PRELIMINARY ENVIRONMENTAL RISK ASSESSMENT

Based on the desk study research, the following potentially-complete pollutant linkages have been assessed:

Source	Pathway	Receptor	Complete Linkage Potential
Potentially impacted soils and groundwater <i>- including Made Ground, heavy metals, hydrocarbons, PAH, and asbestos</i>	Ingestion - in areas of exposed soil or attached to and/or contained within homegrown produce	End users of the site - the future residents	Unlikely, based on contamination identified by ListersGeo (2014) and lack of evidence of contamination since.
		End users of the site - the future football club and outdoor sports provision	
		Construction workers	
		Surrounding residents	Unlikely, based on the above and distance of receptors from site.
	Inhalation - indoor and outdoor dusts and vapours	End users of the site - the future residents	Unlikely, based on limited relevant contamination anticipated and identified by ListersGeo (2014) and lack of evidence of contamination since.
		End users of the site - the future football club and outdoor sports provision	
		Construction workers	
		Surrounding residents	Unlikely, based on the above and distance of receptors from site.
	Dermal contact - with areas of exposed soil and wind-blown dusts	End users of the site - the future residents	Unlikely, based on limited relevant contamination anticipated and identified by ListersGeo (2014) and lack of evidence of contamination since.
		End users of the site - the future football club and outdoor sports provision	
		Construction workers	

Source	Pathway	Receptor	Complete Linkage Potential
		Surrounding residents	Unlikely, based on the above and distance of receptors from site.
	Direct contact - corrosive contaminants with infrastructure	Buried substructures	Unlikely, based on limited relevant contamination anticipated and identified by ListersGeo (2014) and lack of evidence of contamination since.
		Water supply pipes	
	Migration of contaminants through the unsaturated zone, groundwater, or service runs	Groundwater – underlying Secondary A Aquifers	Unlikely, based on limited contamination anticipated and identified by ListersGeo (2014), lack of evidence of contamination since, and distance to known potable abstraction points.
		Surface water – Field drains (80m SE, 230m N)	

GEOTECHNICAL CONCEPTUAL SITE MODEL

Anticipated geology suggests that shallow foundations are likely to be a suitable option however desiccation associated with the mature trees and hedgerows, with the potential to result in subsidence and soil heave, may be present. Consideration should in particular be made to future effects of tree removal.

Groundwater has historically been encountered at depths ranging from 1.4m to 9.54m at the site itself and it is therefore considered possible that groundwater will enter excavations and/or affect stability during groundworks.

It is possible that the Cornbrash Formation may be amenable to conventional Sustainable Drainage Systems (SuDS), however infiltration testing is recommended if the use of SuDS are proposed at the site in order to inform design.

CONCLUSIONS

The site is located in a predominantly rural area and historical mapping indicates it to have predominantly comprised agricultural land, with the exception of an Isolation Hospital in the north of the site during the 1920s.

It is understood that the site is proposed development comprises 500 dwellings, and the relocation of Woodstock Football Club and further outdoor sports provision in the area to the north of Shipton Road.

The nearest watercourse are field drains, located 80m southeast and 230m northeast of the site. The site is underlain by Cornbrash Formation over Forest Marble Formation which are both classified as Secondary A Aquifers. No potable abstractions are recorded within 1km of the site.

Based on the desk study research and the findings of previous site investigation (ListersGeo, 2014), none of the sources, pathways and receptors for soil or groundwater contamination listed in the CSM are considered to have the potential to be present as complete pollutant linkages nor are there anticipated to be any significant risks from ground gas.

It is prudent, however, to bear in mind that some areas of the site have not been investigated and the testing locations may not reflect the revised proposed layout. Soil is a heterogeneous material and variations, which affect the conclusions, may inevitably occur between and beyond the test locations. The risk of significant variations to the Ground Model is considered to be low however should ground conditions vary noticeably from the Ground Model, particularly following demolition of the existing buildings, then it is recommended that further assessment by a suitably qualified person.

If SuDS are proposed for the site, infiltration testing in accordance with BRE Digest DG 365 is recommended.

Consultation with the Local Authority and English Heritage is recommended with regard to the buried Scheduled Monument and potential for historical artefacts at the site, prior to redevelopment, should archaeological supervision be required.

The conclusions of this report should be approved by the Local Authority and building warranty provider as soon as possible to avoid delays to the development.



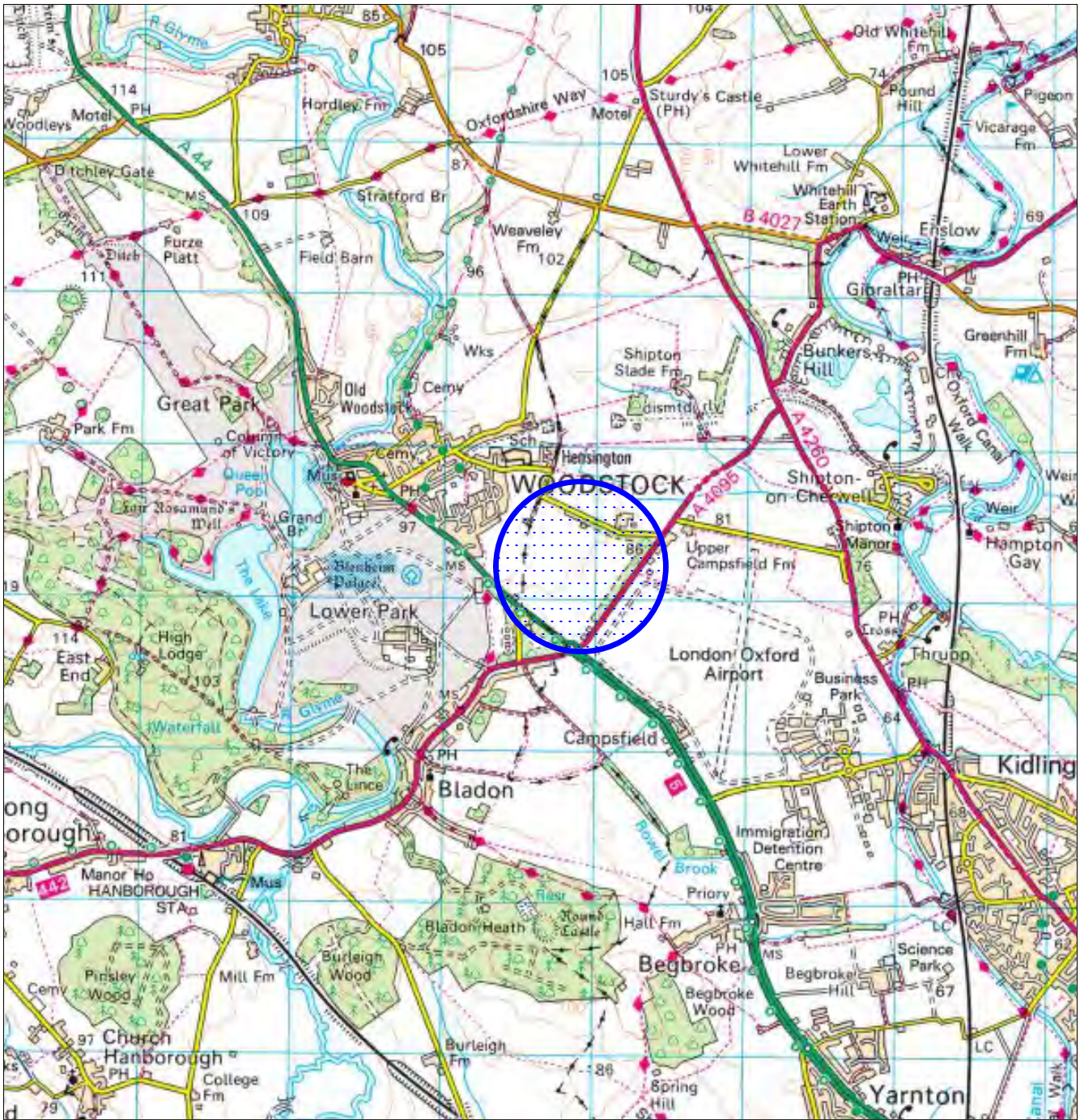
REFERENCES

1. British Standards Institution (BSI), Site Investigations: Code of Practice, BS 5930:2015, 2015.
2. BSI, Investigation of Potentially Contaminated Sites: Code of Practice, BS 10175:2011+A2:2017, 2017.
3. BRE, Radon: Guidance on Protective Measures for New Buildings, BR 211, 2015.
4. Environment Agency (EA), Land contamination: risk management, <https://www.gov.uk/guidance/land-contamination-how-to-manage-the-risks>, LCRM, 2019.
5. CIRIA, Control of groundwater for temporary works, R113, 1986
6. CIRIA, The SuDS Manual, C753, 2015.
7. Card G, Wilson S, Mortimer S, A Pragmatic Approach to Ground Gas Risk Assessment, CL:AIRE Research Bulletin RB17, 2012.
8. CIRIA, Assessing Risks Posed by Hazardous Ground Gases to Buildings, C665, 2007.
9. BSI, Guidance on investigations for ground gases – Permanent gases and Volatile Organic Compounds (VOCs), BS 8576:2013, 2013.



APPENDIX A PLANS AND PHOTOGRAPHS

Extract of 1:50,000 Ordnance Survey Explorer Map



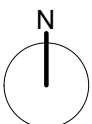
Reproduced from Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office. Crown Copyright reserved (Licence No: 10006010)

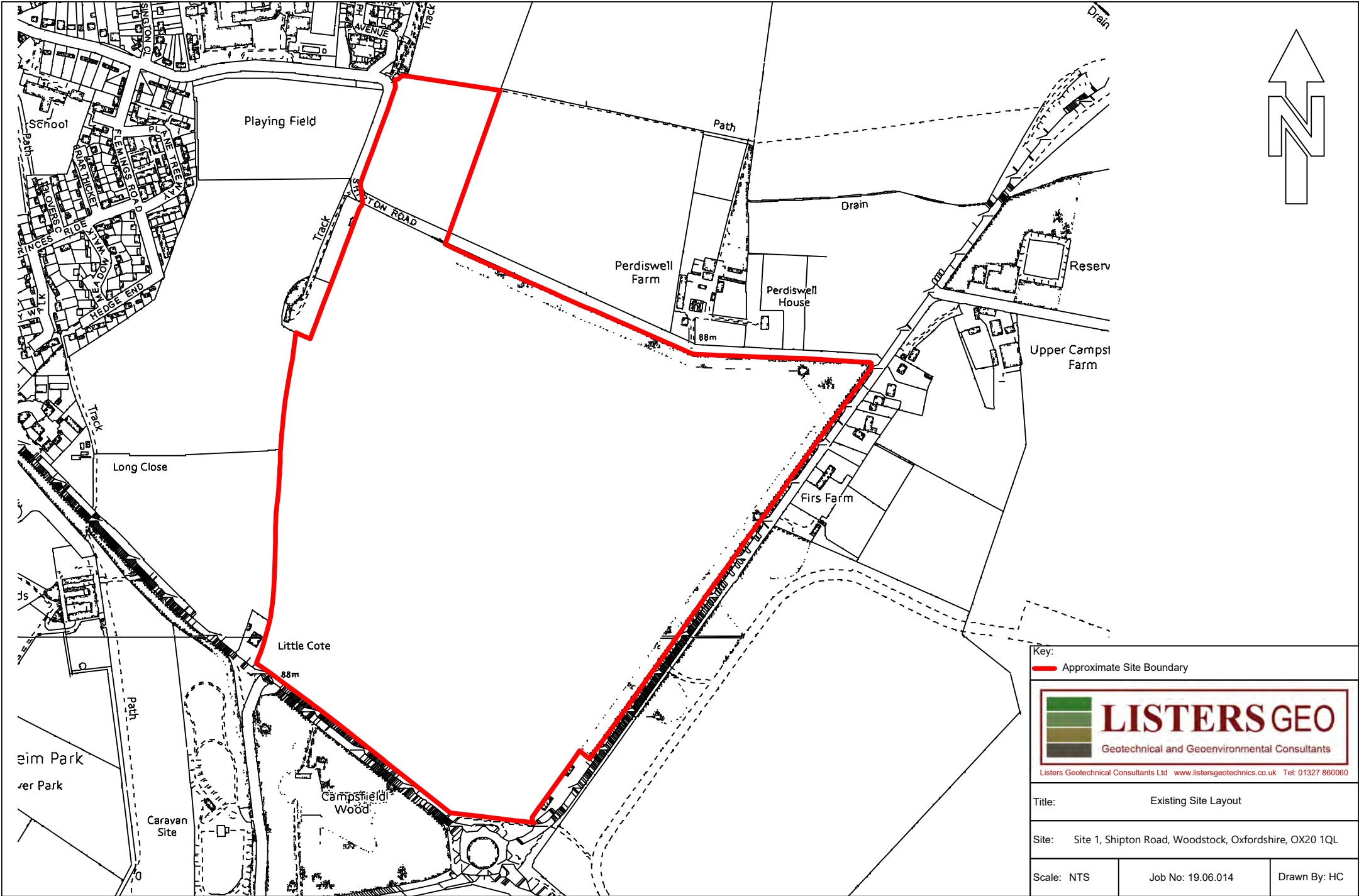
Key:  Approximate Site Location



Listers Geotechnical Consultants Ltd www.listersgeotechnics.co.uk Tel: 01327 860060

Title:	Site Location Plan	
Site:	Site 1, Sipton Road, Woodstock, Oxfordshire, OX20 1QL	
Scale:	NTS	Job No: 19.06.014
		Drawn By: HC





Key:
— Approximate Site Boundary



LISTERS GEO
 Geotechnical and Geoenvironmental Consultants

Listers Geotechnical Consultants Ltd www.listersgeotechnics.co.uk Tel: 01327 860060

Title:	Existing Site Layout
Site:	Site 1, Shipton Road, Woodstock, Oxfordshire, OX20 1QL
Scale:	NTS
Job No:	19.06.014
Drawn By:	HC



Typical view of field south of Shipton Road



View showing gap from wheat to treeline boundary



View north along eastern site boundary, showing adjacent buildings in southeast



Typical view of wooded strip around north and east of site



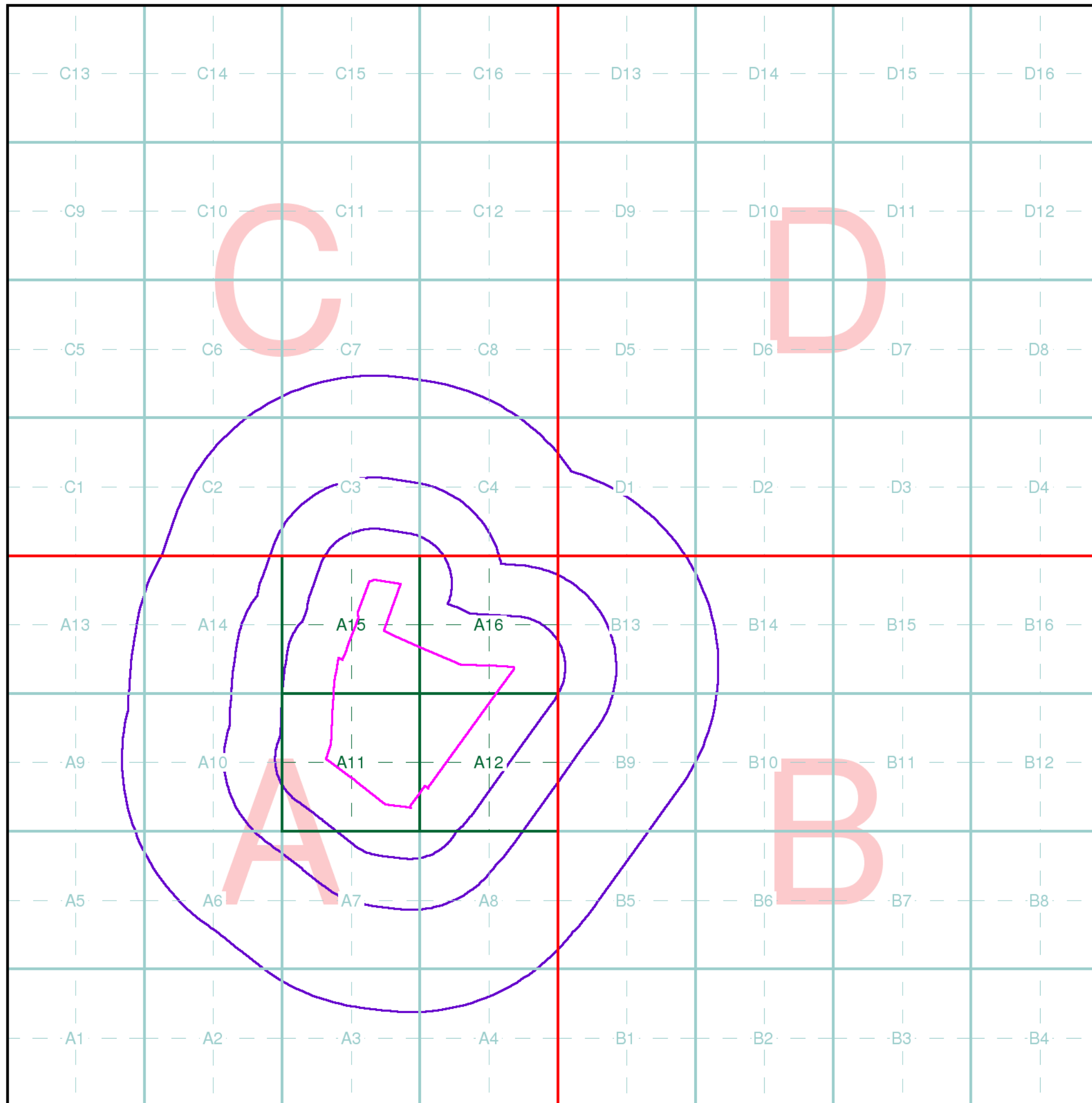
Typical view across field north of Shipton Road



View of public right of way in on northern boundary of northern field



APPENDIX B DESK STUDY INFORMATION



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

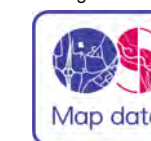
Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Prepared For

Vanbrugh Unit Trust

Client Details

Mrs J Taylor, Listers Geotechnical Consultants Ltd, Slapton Hill Barn, Blakesley Road, Slapton, Towcester, Northants, NN12 8QD

Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445870, 216220
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

208911574_1_1

Customer Reference:

19.06.014

National Grid Reference:

445650, 215920

Slice:

A

Site Area (Ha):

51.99

Search Buffer (m):

1000

Site Details:

Site 1

Shipton Road

Woodstock

OX20 1QL

Client Details:

Mrs J Taylor

Listers Geotechnical Consultants Ltd

Slapton Hill Barn

Blakesley Road

Slapton

Towcester

Northants

NN12 8QD

Prepared For:

Vanbrugh Unit Trust

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	10
Hazardous Substances	-
Geological	11
Industrial Land Use	17
Sensitive Land Use	19
Data Currency	20
Data Suppliers	25
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	2	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4		1	1	(*8)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 6	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 7	4	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 7		3	4	5

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 10	3	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 10				2
Potentially Infilled Land (Water)	pg 10			1	1
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 11	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 12			1	13
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 15	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 17			1	8
Fuel Station Entries	pg 17				1
Points of Interest - Commercial Services	pg 17				2
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18		1		
Points of Interest - Public Infrastructure	pg 18				8
Points of Interest - Recreational and Environmental	pg 18				2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 19	1	1		
Areas of Unadopted Green Belt	pg 19	1	1		
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas	pg 19				1
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 19	2			1
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites	pg 19		1		

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (W)	0	1	445646 215925
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (E)	0	1	446250 216150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW (NE)	0	1	446200 216400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (N)	0	1	445800 216750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (N)	0	1	445650 216450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (SE)	0	1	445750 215850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SW (SW)	34	1	445600 215850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	99	1	445600 216800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A16SE (NE)	226	1	446550 216600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (SW)	284	1	445450 215650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	354	1	445400 215600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	355	1	446300 217000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	365	1	445800 217200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	366	1	446650 216700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	389	1	445950 217200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	393	1	445400 215550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NE)	419	1	446850 216450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	434	1	445600 217250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	463	1	445350 215500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: A J Lamb Property Type: KENNEL/DRY CLEANING/HAIRDRESSER/OTHER PERSONAL SERVICES Location: Woodstock Boarding Kennels, Upper Campsfield Rd, Kidlington, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcu.0689 Permit Version: 1 Effective Date: 3rd December 1975 Issued Date: 3rd December 1975 Revocation Date: 26th September 1985 Discharge Type: Non Water Company (Private) Sewage Discharge: Land/Soakaway Environment: Receiving Water: Shale/Gravelstrata Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A11SE (SE)	25	2	445900 215700
2	<p>Discharge Consents</p> <p>Operator: Blenheim Parliamentary Trust Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Cow Yards Blenheim Estate Blenheim Park Woodstock Oxfordshire Ox20 1px Authority: Environment Agency, Thames Region Catchment Area: Evenlode Reference: Cawm.1307 Permit Version: 2 Effective Date: 20th December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A10NE (W)	310	2	445200 216010
2	<p>Discharge Consents</p> <p>Operator: Blenheim Parliamentary Trust Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Cow Yards Blenheim Estate Blenheim Park Woodstock Oxfordshire Ox20 1px Authority: Environment Agency, Thames Region Catchment Area: Evenlode Reference: Cawm.1307 Permit Version: 1 Effective Date: 28th April 2006 Issued Date: 2nd June 2006 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A10NE (W)	310	2	445200 216010
3	<p>Discharge Consents</p> <p>Operator: Wolsley Court Residents Association Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Development Of 13 Dwellings, Campsfield Farm, Begbroke, Oxfordshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2301 Permit Version: 1 Effective Date: 6th June 1996 Issued Date: 6th June 1996 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Rowel Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A8SE (SE)	666	2	446400 215260

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Trustees For The Time Being Of Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Club House, Woodstock Bowls & Tennis Club, Cadogan Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.0825 Permit Version: 3 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Great Oolite Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NW)	749	2	444850 216680
4	<p>Discharge Consents</p> <p>Operator: Trustees For The Time Being Of Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Club House, Woodstock Bowls & Tennis Club, Cadogan Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0825 Permit Version: 1 Effective Date: 26th April 1993 Issued Date: 26th April 1993 Revocation Date: 26th April 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Great Oolite Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A14NW (NW)	749	2	444850 216680
4	<p>Discharge Consents</p> <p>Operator: Trustees For The Time Being Of Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Club House, Woodstock Bowls & Tennis Club, Cadogan Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cntm.0825 Permit Version: 2 Effective Date: 27th April 2006 Issued Date: 26th April 1993 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Great Oolite Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NW)	749	2	444850 216680
5	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Youngs Garage Location: 2 Oxford Street, WOODSTOCK, Oxfordshire, OX20 1TN Authority: West Oxfordshire District Council, Environmental Health Department Permit Reference: 9/1.4 Dated: 26th February 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A14NW (NW)	872	3	444717 216658
	<p>Nearest Surface Water Feature</p>	A11SE (SE)	81	-	445932 215642

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Water Abstractions</p> <p>Operator: Messrs M & M Price Licence Number: 28/39/14/0285 Permit Version: 100 Location: Upper Campsfield, Woodstock, Oxon Authority: Environment Agency, Thames Region Abstraction: Private Non-Industrial Amenity: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 164 Yearly Rate (m3): 6819 Details: Upper Campsfield, Woodstock Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 30th September 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A16SE (NE)	195	2	446600 216500
7	<p>Water Abstractions</p> <p>Operator: Messrs M & M Price Licence Number: 28/39/14/0294 Permit Version: 100 Location: Upper Campsfield Farm, Woodstock, Oxon - Trib.River.Cherwell Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 164 Yearly Rate (m3): 6819 Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A16SE (NE)	257	2	446600 216600
	<p>Water Abstractions</p> <p>Operator: Vanbrugh Unit Trust Licence Number: Th/039/0012/002 Permit Version: 1 Location: Southern Glyme Outfall Authority: Environment Agency, Thames Region Abstraction: Other Environmental Improvements: Transfer between sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1SE (SW)	1768	2	444391 214589
	<p>Water Abstractions</p> <p>Operator: Vanbrugh Unit Trust Licence Number: Th/039/0012/002 Permit Version: 1 Location: Bladon Dam Authority: Environment Agency, Thames Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st October 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A1NW (SW)	1870	2	444177 214645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Trustees Of The Blenheim Estate Licence Number: 28/39/12/0035 Permit Version: 102 Location: Blenheim Park, Woodstock, Oxon - Blenheim Lake Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Blenheim Park, Woodstock Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 12th December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1951	2	443710 215200
	Water Abstractions Operator: Trustees Of The Blenheim Estate Licence Number: 28/39/12/0035 Permit Version: 102 Location: Blenheim Park, Woodstock, Oxon - Blenheim Lake Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Blenheim Park, Woodstock Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 12th December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1951	2	443710 215200
	Water Abstractions Operator: Blenheim Parliamentary Estate Licence Number: 28/39/12/0035 Permit Version: 100 Location: Blenheim Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 86 Yearly Rate (m3): 3637 Details: Blenheim Park, Woodstock Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1960	2	443700 215200
	Water Abstractions Operator: Blenheim Parliamentary Estate Licence Number: 28/39/12/0035 Permit Version: 100 Location: Blenheim Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Blenheim Park, Woodstock Authorised Start: 01 April Authorised End: 01 September Permit Start Date: 13th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1960	2	443700 215200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Blenheim Parliamentary Estate Licence Number: 28/39/12/0035 Permit Version: 100 Location: Blenheim Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Spray Irrigation Definition Order Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Blenheim Park, Woodstock Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(W)	1960	2	443700 215200
	<p>Water Abstractions</p> <p>Operator: Blenheim Parliamentary Estate Licence Number: 28/39/12/0035 Permit Version: 100 Location: Blenheim Park, Woodstock, Oxon Authority: Environment Agency, Thames Region Abstraction: Household Water Supply: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Blenheim Park, Woodstock Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th June 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(W)	1960	2	443700 215200
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:</p>	A11SE (W)	0	4	445646 215925
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial High Recharge:</p>	A12SW (E)	0	4	446000 215925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A11NE (N)	0	4	445646 216000
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12NW (E)	0	4	446000 216000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A11NE (N)	0	4	445646 216000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A12NW (E)	0	4	446000 216000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A11SE (W)	0	4	445646 215925
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A12SW (E)	0	4	446000 215925
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A11SE (W)	0	4	445646 215925
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
8	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 346.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rowel Brook Catchment Name: Thames Primacy: 1	A11SE (SE)	81	5	445932 215642

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 556.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	231	5	446241 216653
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	233	5	446240 216653
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Rowel Brook Catchment Name: Thames Primacy: 1	A8NW (SE)	409	5	446201 215424
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 480.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rowel Brook Catchment Name: Thames Primacy: 1	A8NW (SE)	423	5	446211 215415
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (NW)	441	5	445106 216351
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (NW)	480	5	445069 216385
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 238.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rowel Brook Catchment Name: Thames Primacy: 1	A8SW (SE)	718	5	446162 215027
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4NW (S)	808	5	446043 214918
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 656.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rowel Brook Catchment Name: Thames Primacy: 1	A8SW (SE)	808	5	446088 214932

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4NW (S)	814	5	446038 214916
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 600.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4NW (S)	815	5	445991 214901

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Cherwell District Council - Has supplied landfill data		0	6	445646 215925
	Local Authority Landfill Coverage Name: West Oxfordshire District Council - Has supplied landfill data		0	7	445598 215862
	Local Authority Landfill Coverage Name: Oxfordshire County Council - Has supplied landfill data		0	8	445646 215925
20	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A7NW (SW)	666	-	445308 215271
21	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1980	A6SE (SW)	829	-	445235 215124
22	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NE (NW)	395	-	445143 216228
23	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (NW)	570	-	444990 216465

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Great Oolite Group	A11SE (W)	0	1	445646 215925
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11SE (W)	0	1	445646 215925
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NW (NE)	217	1	446250 216642
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NW (NE)	409	1	446262 216938
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (SE)	526	1	446038 215210
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (SW)	565	1	445156 215286
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	(E)	594	1	446656 215692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (SE)	602	1	446308 215260
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (SE)	724	1	446053 215011
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (SW)	923	1	445134 215085
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NE (S)	940	1	445928 214778
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	(NW)	949	1	444748 217051
24	BGS Recorded Mineral Sites Site Name: Campsfield Lodge Pit Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231910 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (S)	371	1	445561 215451

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231909 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	567	1	445368 215353
25	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231908 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (S)	573	1	445402 215319
25	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231908 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7NW (S)	573	1	445402 215319
26	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231906 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	678	1	445310 215258
26	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231906 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	678	1	445310 215258
26	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231905 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	723	1	445290 215216

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231905 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	723	1	445290 215216
27	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231907 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	703	1	445240 215282
27	BGS Recorded Mineral Sites Site Name: Spinney Quarry Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231907 Type: Opencast Status: Ceased Operator: Tolley - Bladon Stone Ltd. Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	703	1	445240 215282
28	BGS Recorded Mineral Sites Site Name: Beeches Pit Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231904 Type: Opencast Status: Ceased Operator: Smith & Sons (Bletchington) Ltd Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	777	1	445286 215150
28	BGS Recorded Mineral Sites Site Name: Beeches Pit Location: Bladon, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 231904 Type: Opencast Status: Ceased Operator: Smith & Sons (Bletchington) Ltd Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	777	1	445286 215150
29	BGS Recorded Mineral Sites Site Name: Beeches Pit Location: Bladon, Woodstock, Kidlington, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 8445 Type: Opencast Status: Ceased Operator: Smith & Sons (Bletchington) Ltd Operator Location: Not Supplied Periodic Type: Jurassic Geology: Forest Marble Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	854	1	445225 215100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	BGS Recorded Mineral Sites Site Name: Diamond Pit Location: Blenheim, Woodstock, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 10756 Type: Opencast Status: Ceased Operator: Smith & Sons (Bletchington) Ltd Operator Location: Not Supplied Periodic Type: Jurassic Geology: White Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	988	1	445055 215065
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	445559 215948
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	238	1	446146 216949
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (W)	0	1	445559 215948
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A16NW (NE)	238	1	446146 216949
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SW (W)	0	1	445625 215925
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	445646 215925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A11SW (W)	0	1	445625 215925

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Contemporary Trade Directory Entries Name: Colour Mill Ltd Location: Orchard House, Bladon Road, Woodstock, OX20 1QD Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (S)	332	-	445533 215523
32	Contemporary Trade Directory Entries Name: Blunsdon Location: 73, Grove Road, Bladon, Woodstock, Oxfordshire, OX20 1RJ Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (SW)	613	-	445202 215425
33	Contemporary Trade Directory Entries Name: Next Generation Solar Ltd Location: 66, Hensington Road, Woodstock, OX20 1JL Classification: Energy Efficient Products and Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	767	-	444912 216858
33	Contemporary Trade Directory Entries Name: Persona Location: The Old Tannery, Hensington Rd, Woodstock, Oxfordshire, OX20 1JL Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NW)	799	-	444868 216847
34	Contemporary Trade Directory Entries Name: Persona Printing & Clothing Location: 12, Hensington Road, Woodstock, Oxfordshire, OX20 1JL Classification: T-Shirts Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	869	-	444750 216756
35	Contemporary Trade Directory Entries Name: Youngs Garage Location: 2, Oxford Street, Woodstock, Oxfordshire, OX20 1TN Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	872	-	444717 216658
36	Contemporary Trade Directory Entries Name: Goldline Services Location: Bowley Ho, Rectory La, Woodstock, Oxfordshire, OX20 1UF Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (NW)	889	-	444689 216610
37	Contemporary Trade Directory Entries Name: Oven Cleaning Woodstock Location: 21, Union Street, Woodstock, Oxfordshire, OX20 1JF Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NW)	985	-	444648 216816
38	Contemporary Trade Directory Entries Name: Solutions Transit Services Location: 22, Oxford Street, Woodstock, Oxfordshire, OX20 1TS Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NW)	988	-	444619 216739
39	Fuel Station Entries Name: Youngs Garage Location: 2, Oxford Street, Woodstock, Oxfordshire, OX20 1TN Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14NW (NW)	872	-	444717 216658
40	Points of Interest - Commercial Services Name: Solutions Transit Services Location: 22 Oxford Street, Woodstock, OX20 1TS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NW)	988	9	444618 216738
40	Points of Interest - Commercial Services Name: Transport & Travel Research Ltd Location: 30a High Street, Woodstock, OX20 1TG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NW)	989	9	444598 216666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	Points of Interest - Manufacturing and Production Name: The Workshop Location: OX20 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (E)	41	9	446309 216174
42	Points of Interest - Public Infrastructure Name: Blunsdon Location: 73 Grove Road, Bladon, Woodstock, OX20 1RJ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A6NE (SW)	613	9	445202 215425
42	Points of Interest - Public Infrastructure Name: Blunsdon Coach Operators Location: 73 Grove Road, Bladon, Woodstock, OX20 1RJ Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A6NE (SW)	613	9	445202 215425
43	Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (NW)	826	9	444870 216914
43	Points of Interest - Public Infrastructure Name: Cemetery Location: OX20 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A14NW (NW)	838	9	444857 216913
44	Points of Interest - Public Infrastructure Name: Goldline Services Location: Bowley Ho, Rectory La, Woodstock, Oxfordshire, OX20 1UF Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A14SW (NW)	889	9	444689 216610
45	Points of Interest - Public Infrastructure Name: Woodstock Fire Station Location: Fire Station, Hensington Road, Woodstock, OX20 1JQ Category: Central and Local Government Class Code: Fire Brigade Stations Positional Accuracy: Positioned to address or location	A14NW (NW)	907	9	444714 216771
45	Points of Interest - Public Infrastructure Name: Thames Valley Police Location: Police Station, Hensington Road, Woodstock, OX20 1JQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A14NW (NW)	914	9	444731 216829
45	Points of Interest - Public Infrastructure Name: Woodstock Police Station Location: Police Station, Hensington Road, Woodstock, OX20 1JQ Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A14NW (NW)	914	9	444730 216828
46	Points of Interest - Recreational and Environmental Name: Playground Location: New Road, OX20 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NW (NW)	693	9	444916 216699
46	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (NW)	699	9	444908 216695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Areas of Adopted Green Belt Authority: Cherwell District Council Plan Name: Cherwell Local Plan Status: Adopted Plan Date: 20th July 2015	A11SE (SE)	0	11	445841 215772
48	Areas of Adopted Green Belt Authority: West Oxfordshire District Council Plan Name: West Oxfordshire Local Plan 2011 Status: Adopted Plan Date: 16th June 2006	A11SE (S)	126	12	445703 215624
49	Areas of Unadopted Green Belt Authority: Cherwell District Council Plan Name: Cherwell Local Plan Partial Review Part 1: Oxford'S Unmet Housin Status: Submission Draft Plan Date: 5th March 2018	A11SE (S)	0	11	445734 215628
50	Areas of Unadopted Green Belt Authority: West Oxfordshire District Council Plan Name: Proposal Map Status: Submission Draft Plan Date: 14th July 2015	A11SE (S)	126	12	445703 215624
51	Environmentally Sensitive Areas Name: Upper Thames Tributaries (decommissioned) Multiple Areas: Y Total Area (m2): 114097627.64 Source: Natural England	A6SW (SW)	993	10	444856 215210
52	Nitrate Vulnerable Zones Name: Cherwell (Ray To Thames) And Woodeaton Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SE (W)	0	4	445646 215925
53	Nitrate Vulnerable Zones Name: Glyme (Dorn Confluence To Evenlode) Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SW (SW)	0	4	445613 215882
54	Nitrate Vulnerable Zones Name: Cotswold Jurassic Description: Groundwater Source: Environment Agency, Head Office	A6NE (SW)	752	4	445156 215286
55	World Heritage Sites Name: Blenheim Palace Reference: 1000091 Area(m²): 9330591.11 Source: Historic England Designation Date: 1st January 1987	A11SW (W)	36	13	445478 215911

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Cherwell District Council - Environmental Health Department West Oxfordshire District Council - Environmental Health Department	October 2014 October 2014	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Thames Region	April 2019	Quarterly
Enforcement and Prohibition Notices Environment Agency - Thames Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Thames Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	April 2019 April 2019	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control West Oxfordshire District Council - Environmental Health Department Cherwell District Council - Environmental Health Department	June 2014 October 2014	Variable Variable
Local Authority Pollution Prevention and Controls West Oxfordshire District Council - Environmental Health Department Cherwell District Council - Environmental Health Department	June 2014 October 2014	Annual Rolling Update Not Applicable
Local Authority Pollution Prevention and Control Enforcements West Oxfordshire District Council - Environmental Health Department Cherwell District Council - Environmental Health Department	June 2014 October 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	January 2019	
Pollution Incidents to Controlled Waters Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Thames Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	April 2019 April 2019	Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	April 2019	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	Annually
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	Annually
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	January 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2019	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2019	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2019	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2019	Quarterly
Flood Defences Environment Agency - Head Office	May 2019	Quarterly
OS Water Network Lines Ordnance Survey	January 2019	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	July 2018	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2018 July 2018	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	April 2019 April 2019	Quarterly Quarterly
Local Authority Landfill Coverage Cherwell District Council - Environmental Health Department Oxfordshire County Council West Oxfordshire District Council - Technical Services Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Cherwell District Council - Environmental Health Department Oxfordshire County Council West Oxfordshire District Council - Technical Services Department	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Cherwell District Council Oxfordshire County Council West Oxfordshire District Council	February 2016 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Cherwell District Council Oxfordshire County Council West Oxfordshire District Council	February 2016 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2019	Bi-Annually
CBCSB Compensation District Cheshire Brine Subsidence Compensation Board (CBCSB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2019	Quarterly
Fuel Station Entries Catalist Ltd - Experian	May 2019	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	November 2018	Quarterly
Points of Interest - Education and Health PointX	November 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	November 2018	Quarterly
Points of Interest - Public Infrastructure PointX	November 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	November 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt Cherwell District Council West Oxfordshire District Council	March 2019 March 2019	As notified As notified
Areas of Unadopted Green Belt Cherwell District Council West Oxfordshire District Council	March 2019 March 2019	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2019	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	March 2019	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually
World Heritage Sites Historic England	July 2018	Bi-Annually

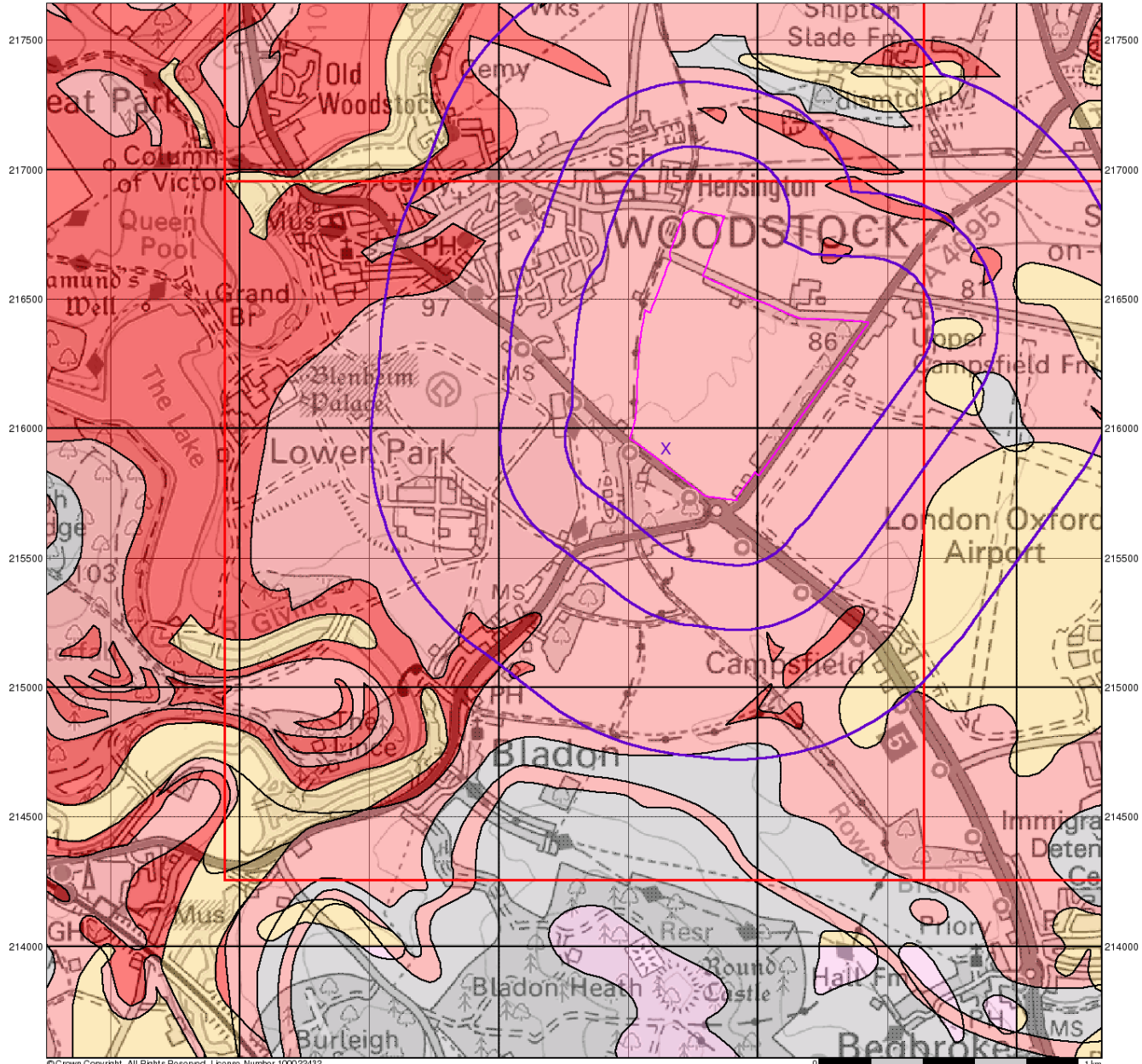
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	West Oxfordshire District Council - Environmental Health Department Council Offices, 26, Church Green, Witney, Oxon, OX28 4AU	Telephone: 01993 770222 Fax: 01993 770355 Email: env.services@westoxon.gov.uk Website: www.westoxon.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Cherwell District Council - Environmental Health Department Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
7	West Oxfordshire District Council - Technical Services Department The Gables, New Yatt Road, Witney, Oxfordshire, OX28 1PB	Telephone: 01993 702941 Website: www.westoxon.gov.uk
8	Oxfordshire County Council County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Cherwell District Council Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
12	West Oxfordshire District Council Council Offices, Wood Green, Witney, Oxfordshire, OX8 6NB	Telephone: 01993 770300 Fax: 01993 770238 Website: www.westoxon.gov.uk
13	Historic England 1 Waterhouse Square, 138 - 142 Holborn, London, EC1N 2ST	Telephone: 0370 333 0607 Email: customers@historicengland.org.uk Website: www.historicengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

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Groundwater Vulnerability

General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

Bedrock Aquifers

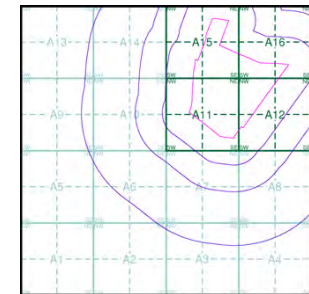
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

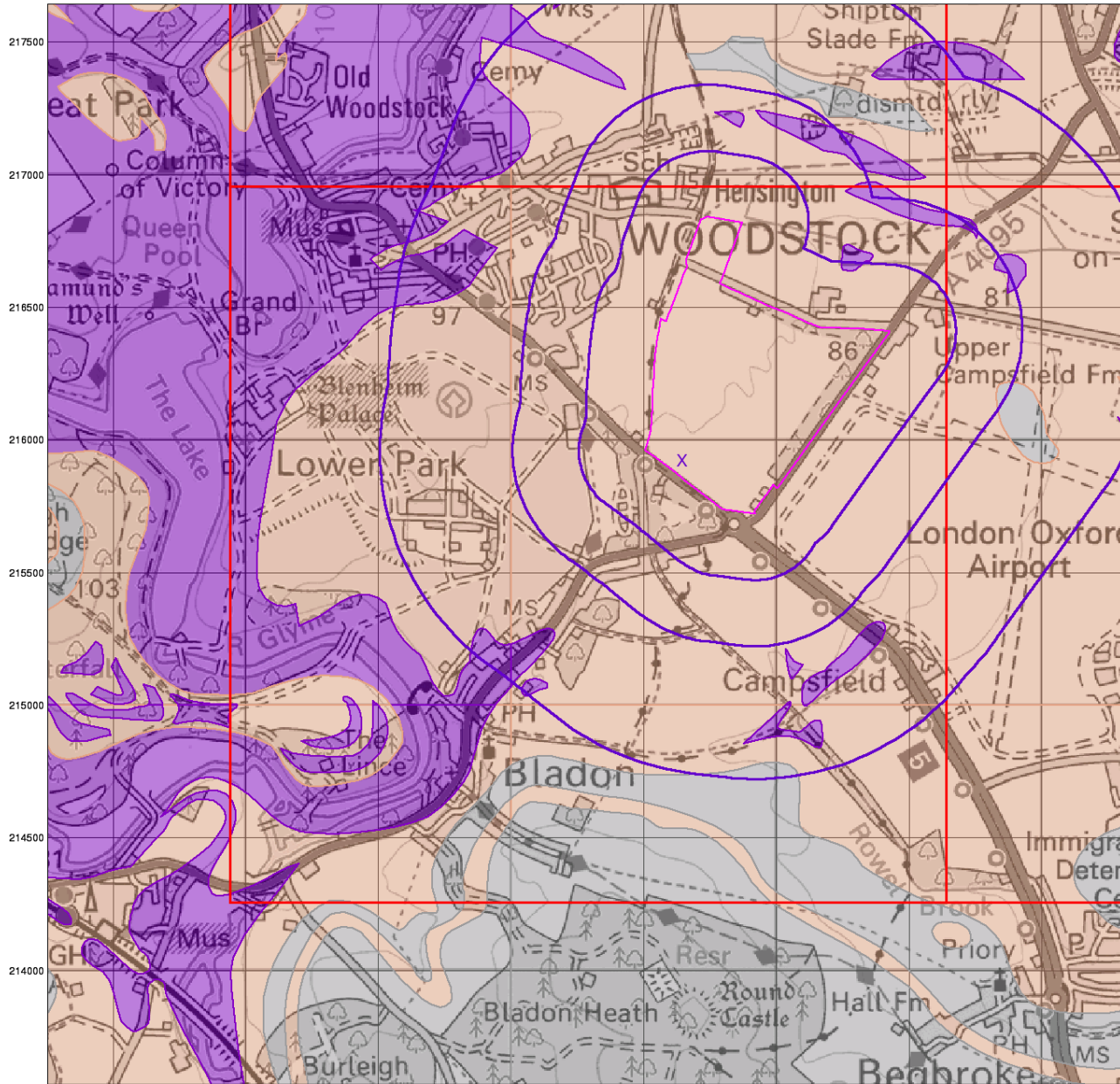
Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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Bedrock Aquifer Designation

General

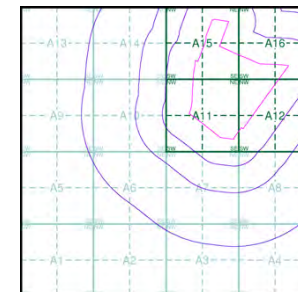
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

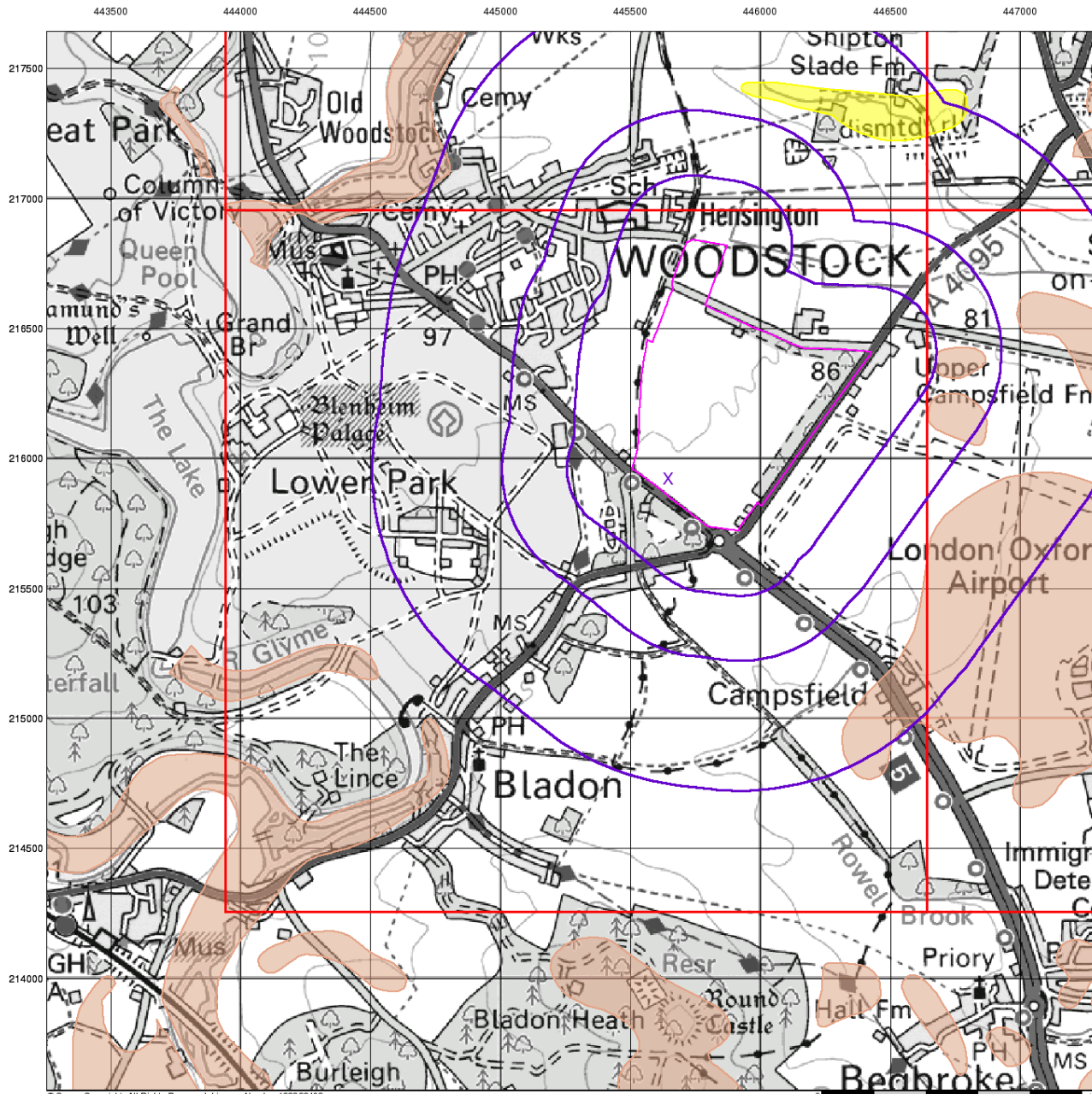
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 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



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Superficial Aquifer Designation

General

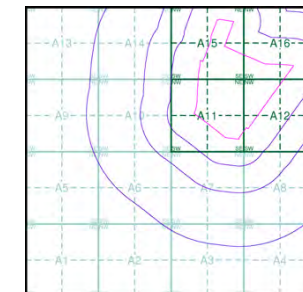
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

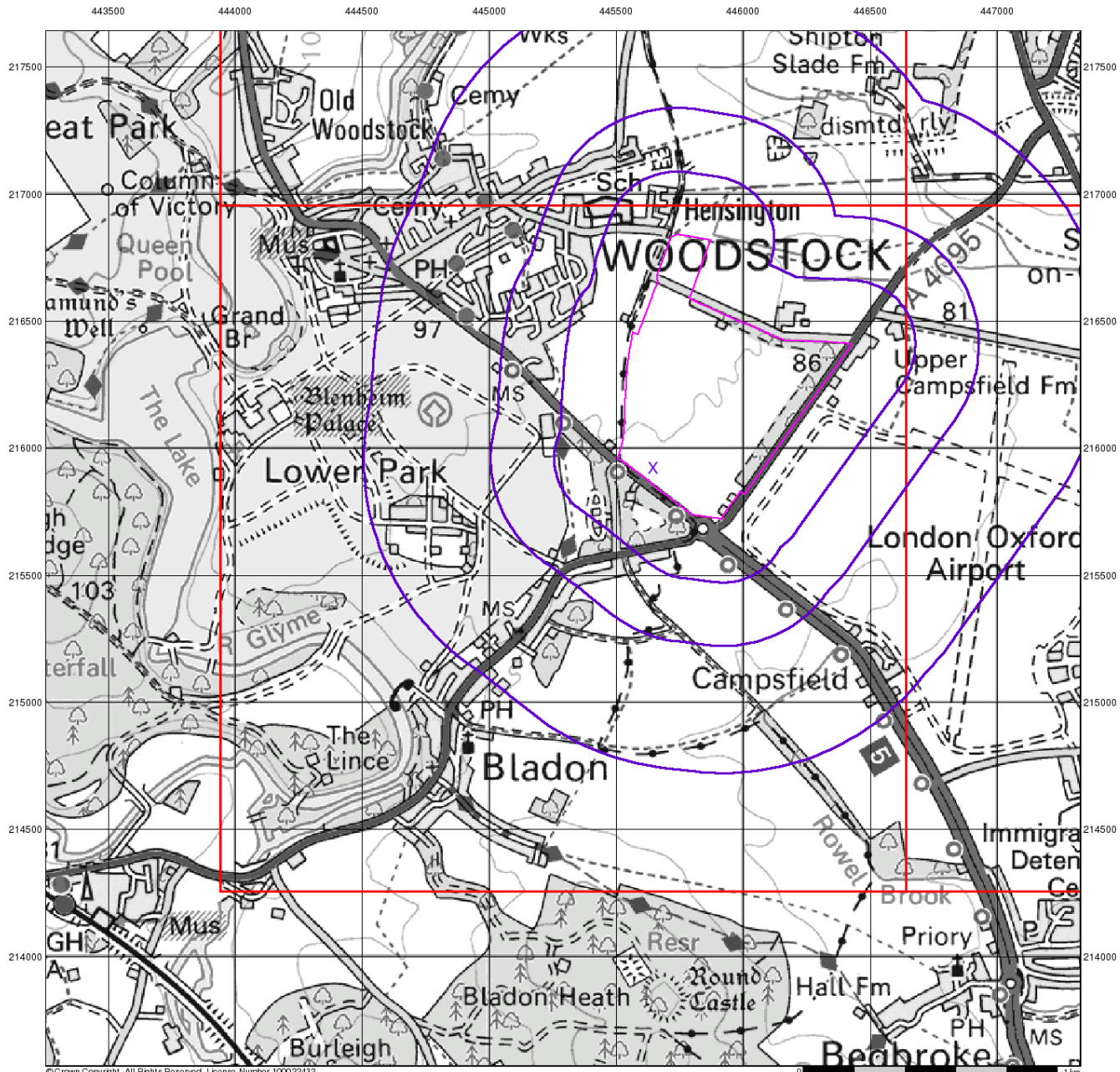
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 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



Tel: 0844 844 9952
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Source Protection Zones

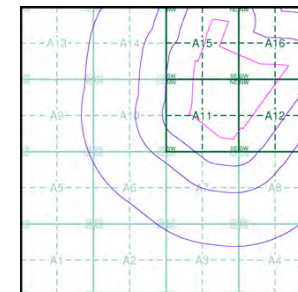
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

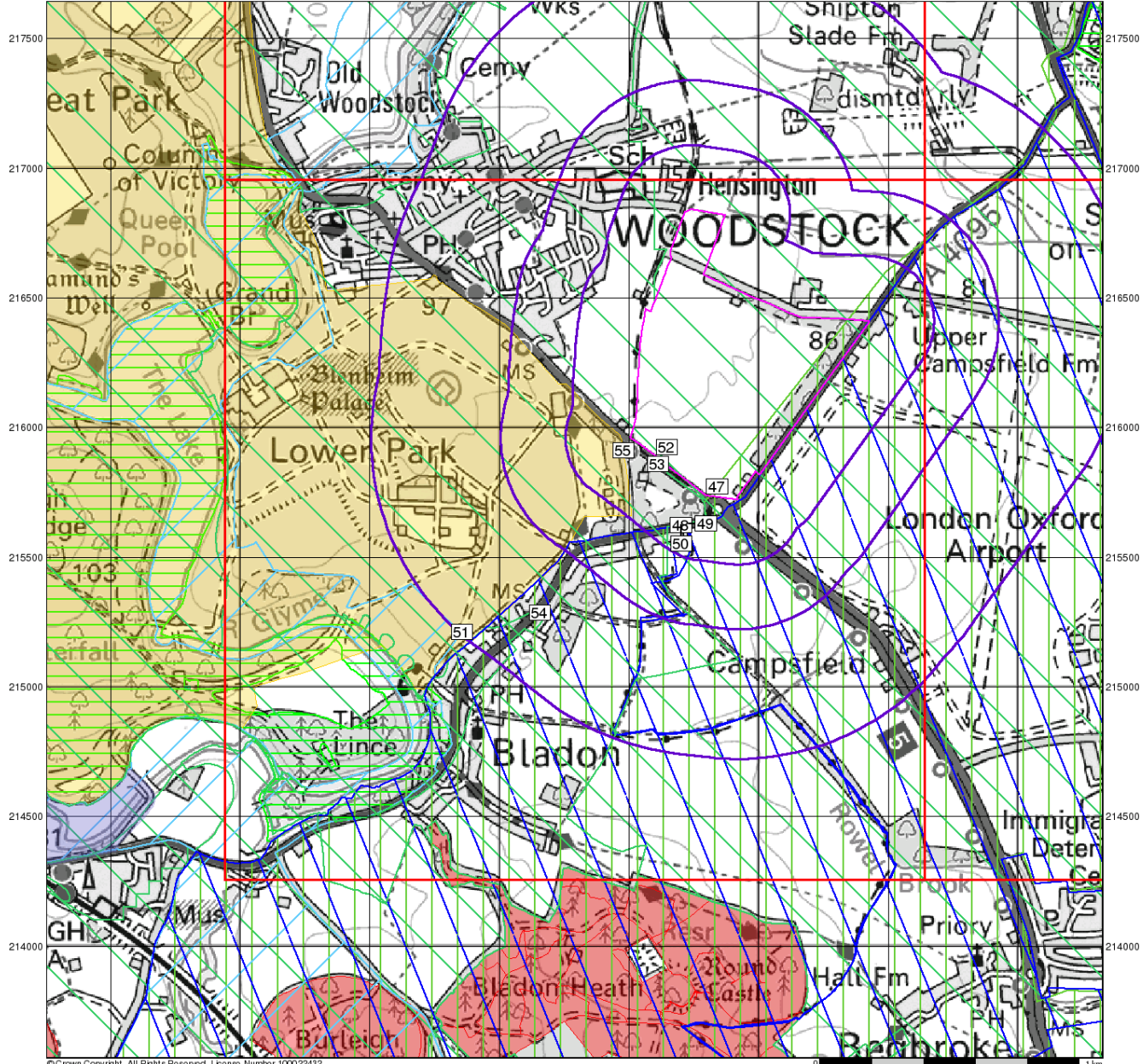
Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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Sensitive Land Uses

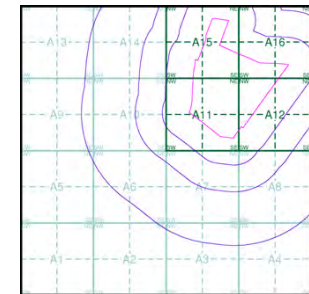
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

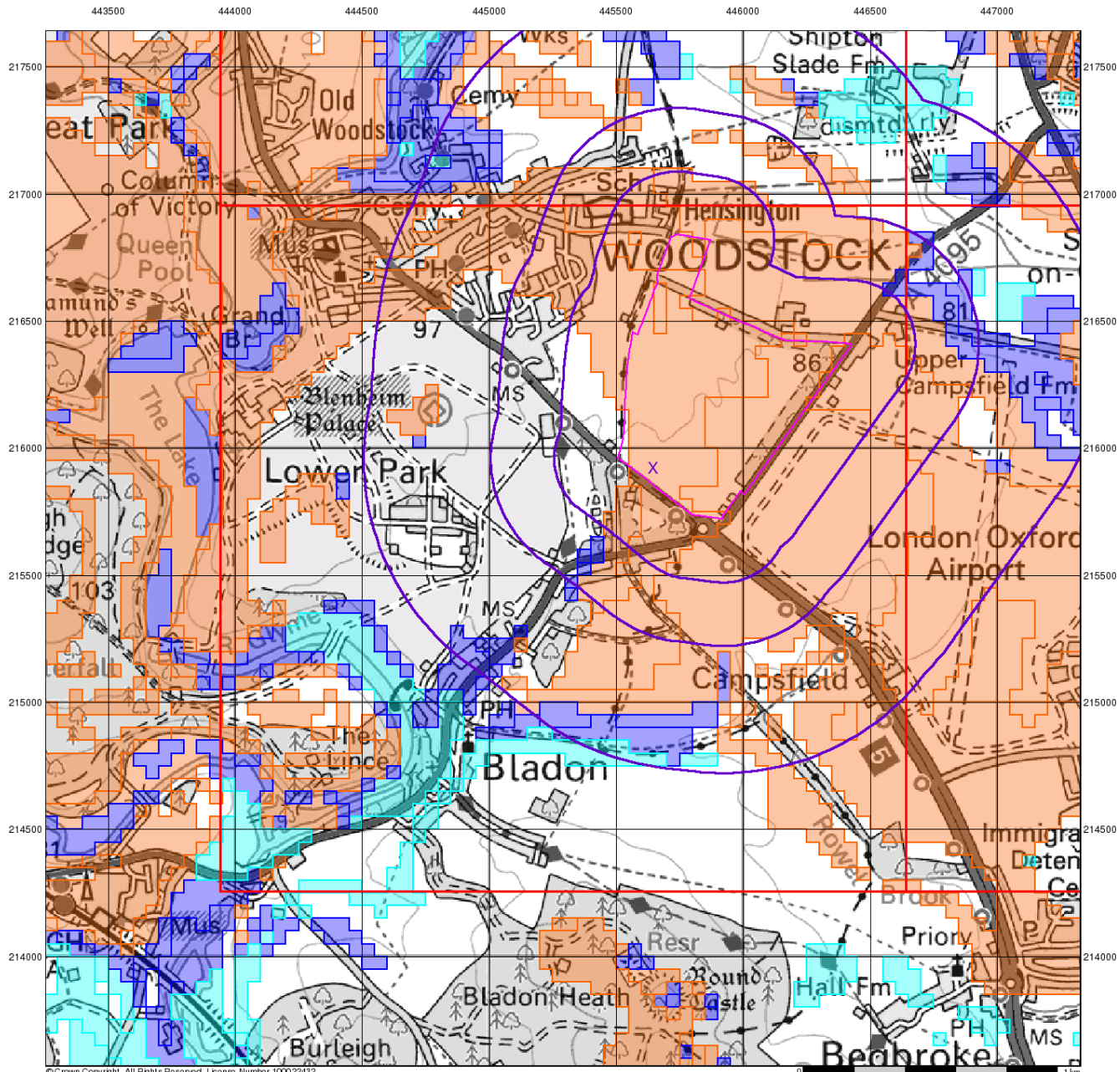
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



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BGS Flood GFS Data

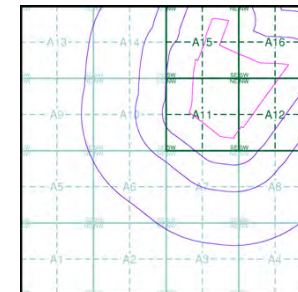
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

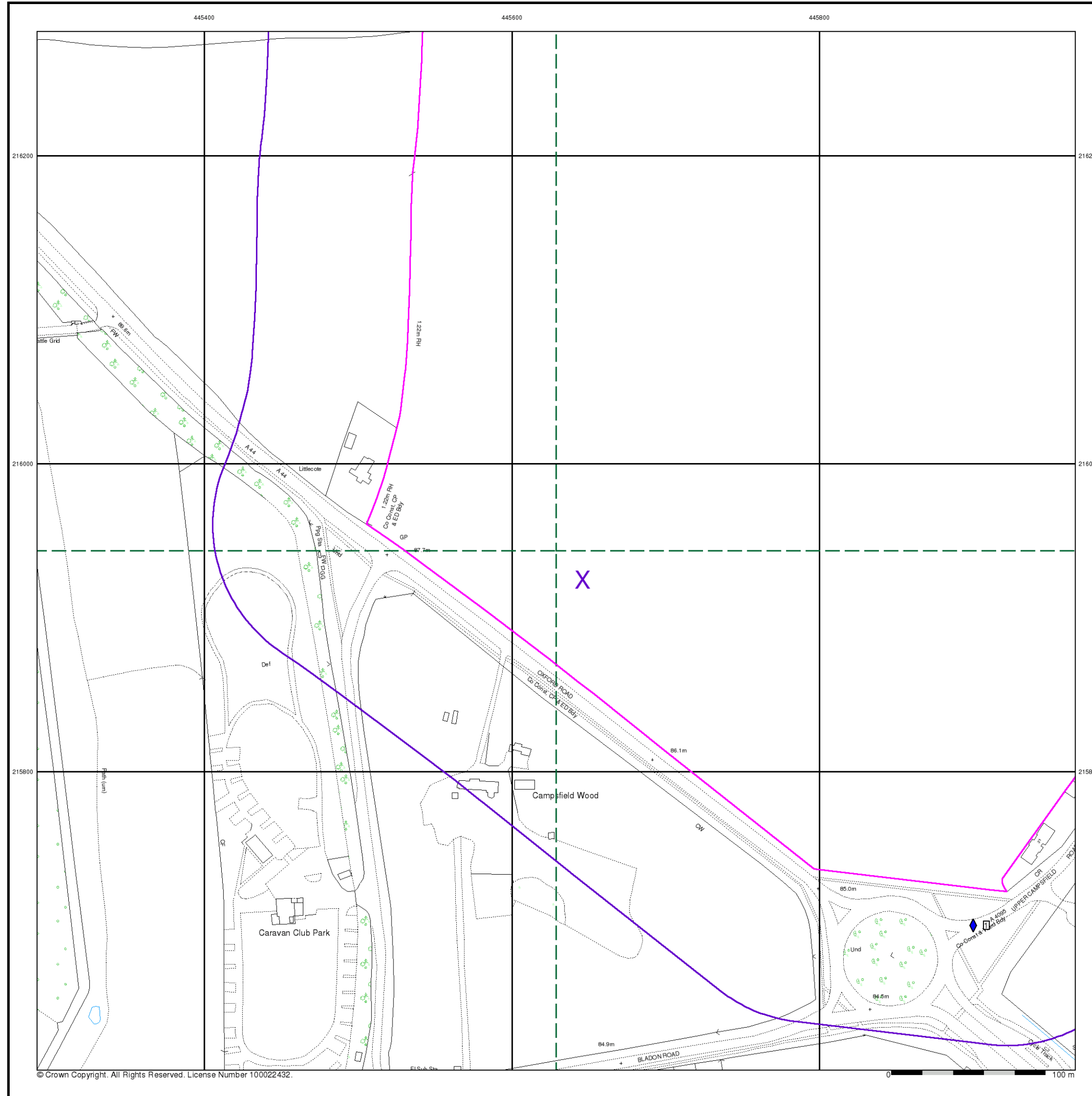
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL

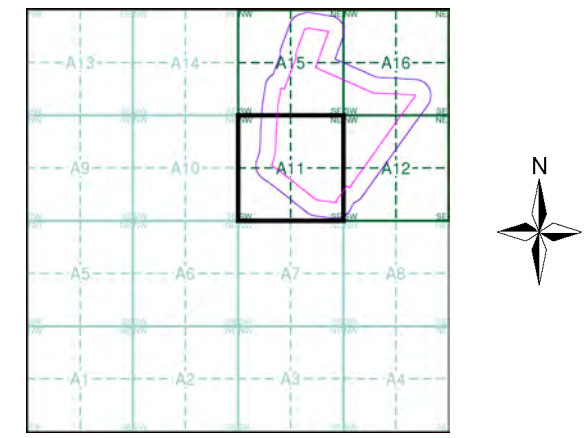


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A11



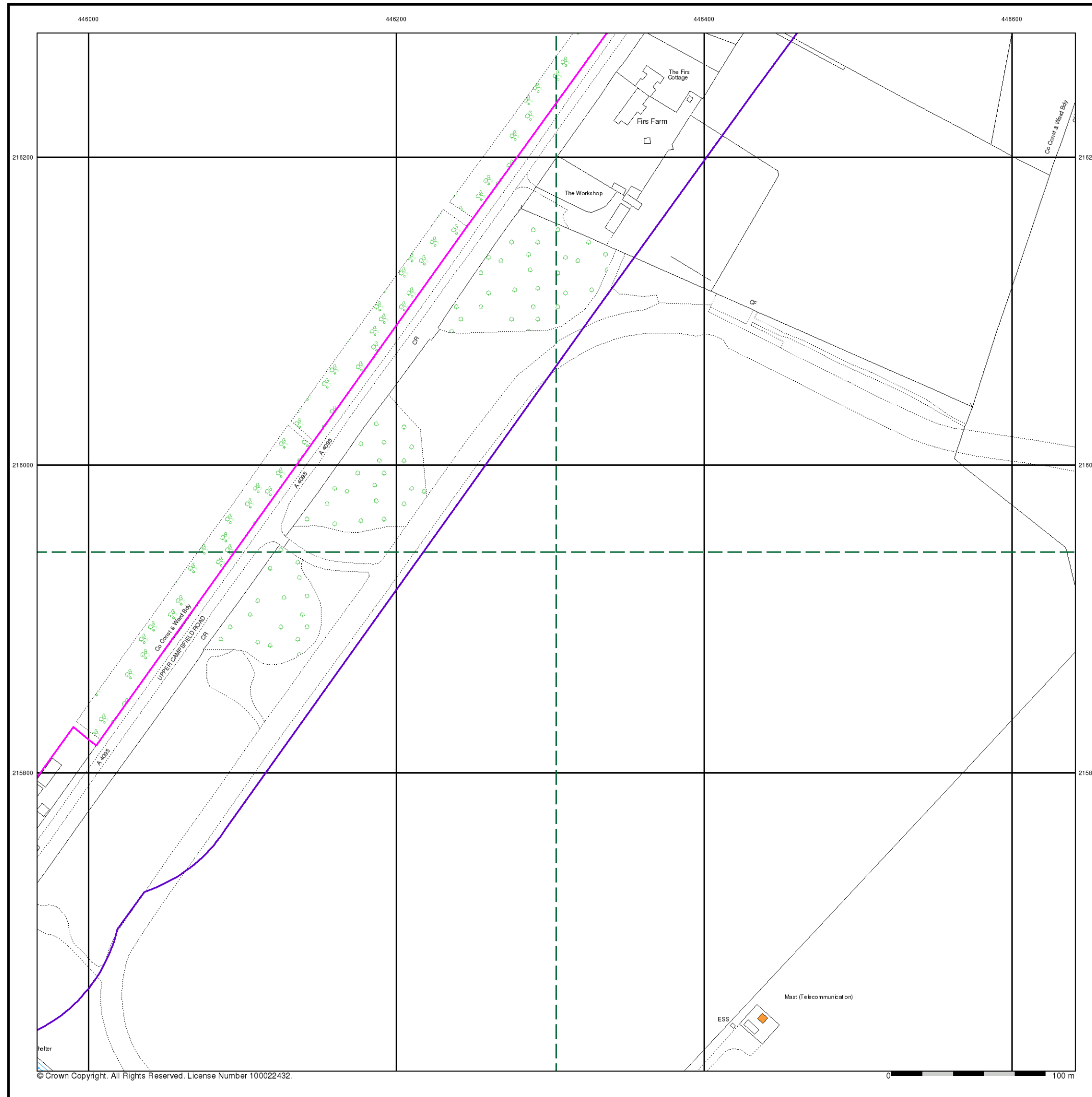
Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Plot Buffer (m): 100

Site Details

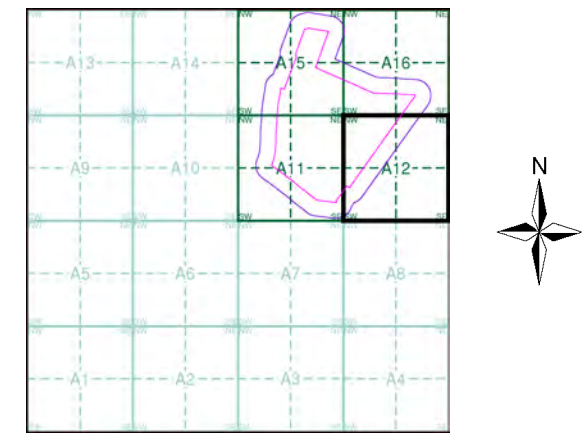
Site 1, Shipton Road, Woodstock, OX20 1QL

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 Web: www.envirocheck.co.uk



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A12



Order Details

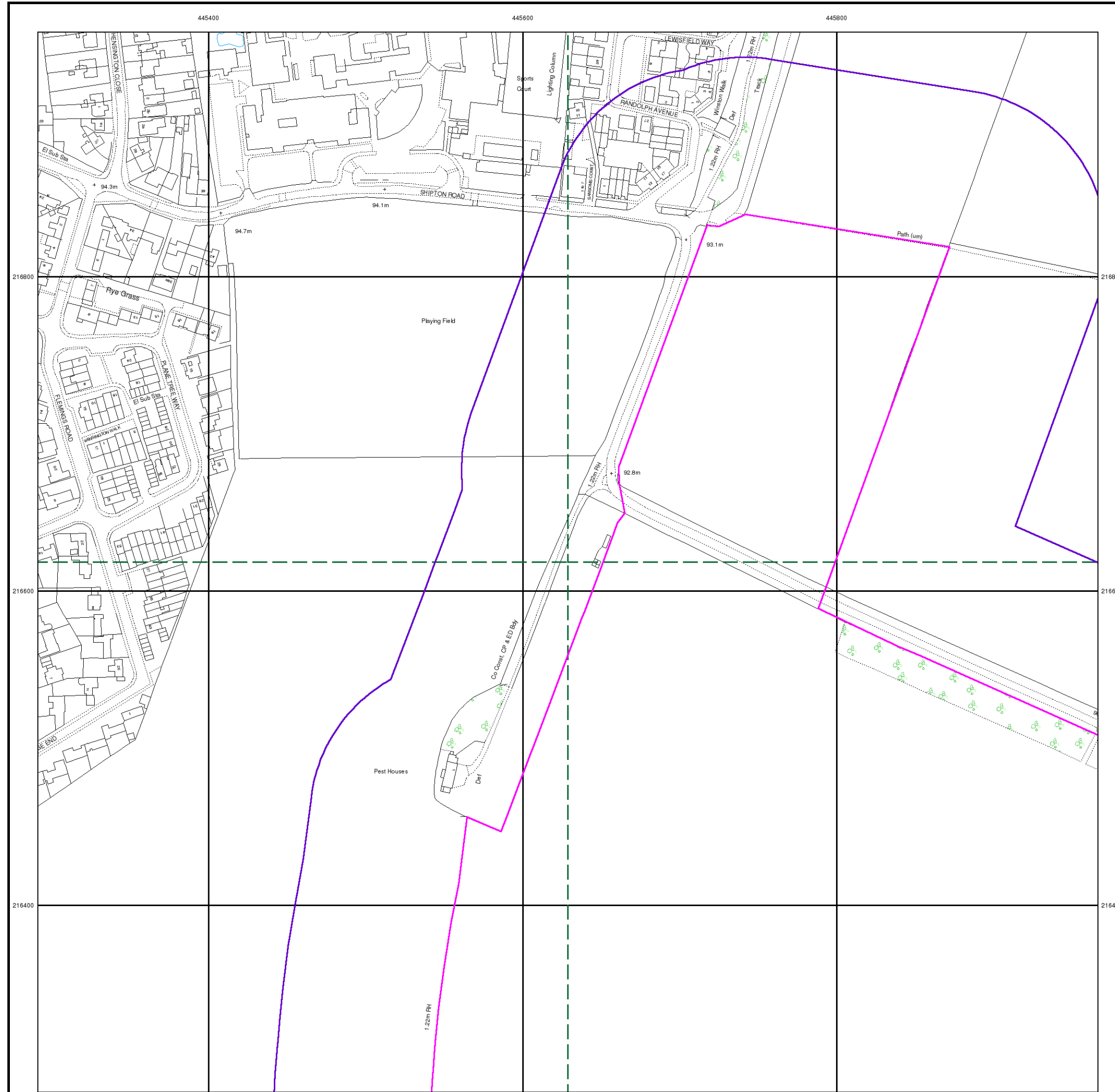
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Plot Buffer (m): 100

Site Details
 Site 1, Shipton Road, Woodstock, OX20 1QL

Landmark
 INFORMATION GROUP

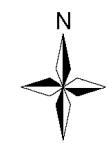
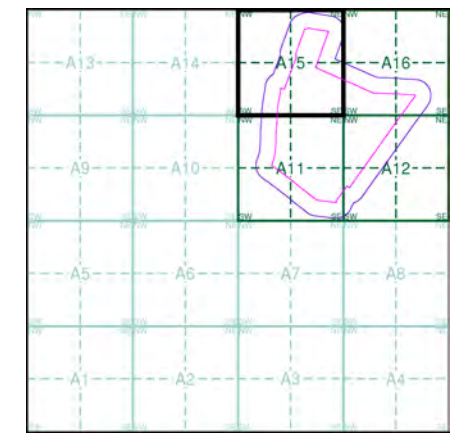
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 Web: www.envirocheck.co.uk

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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
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 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A15



Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Plot Buffer (m): 100

Site Details

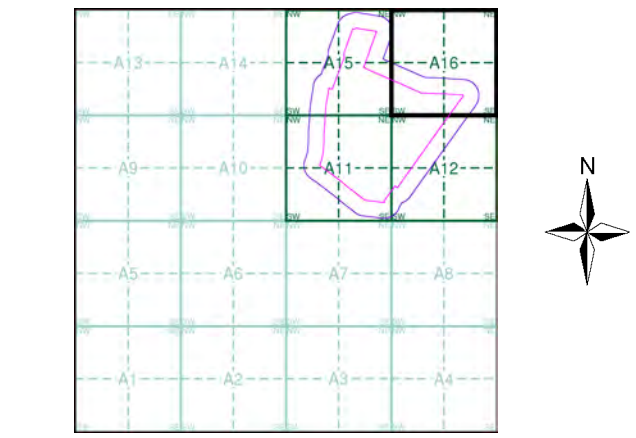
Site 1, Shipton Road, Woodstock, OX20 1QL

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 Web: www.envirocheck.co.uk



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
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 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
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 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
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 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A16



Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Plot Buffer (m): 100

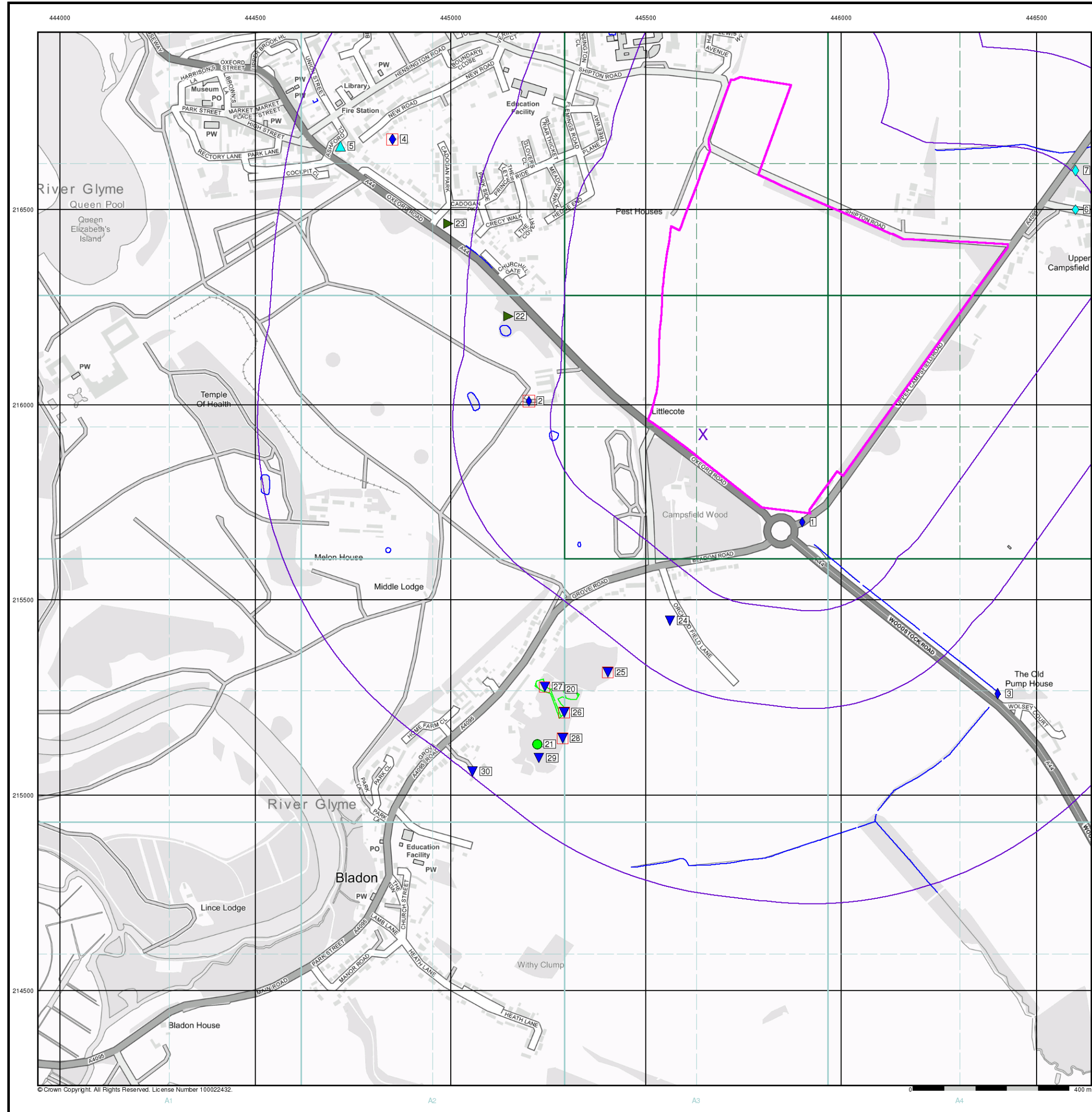
Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL

Landmark
 INFORMATION GROUP

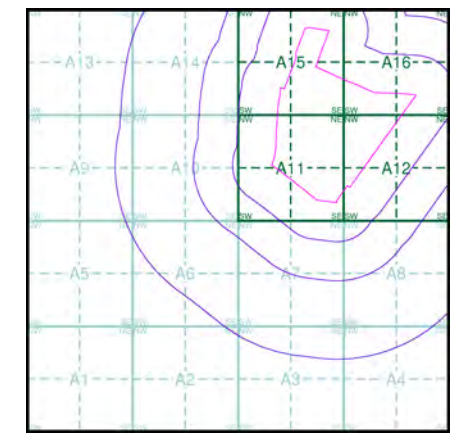
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
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 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
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 - Registered Landfill Site (Location)
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 - Registered Landfill Site (Point Buffered to 250m)
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 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



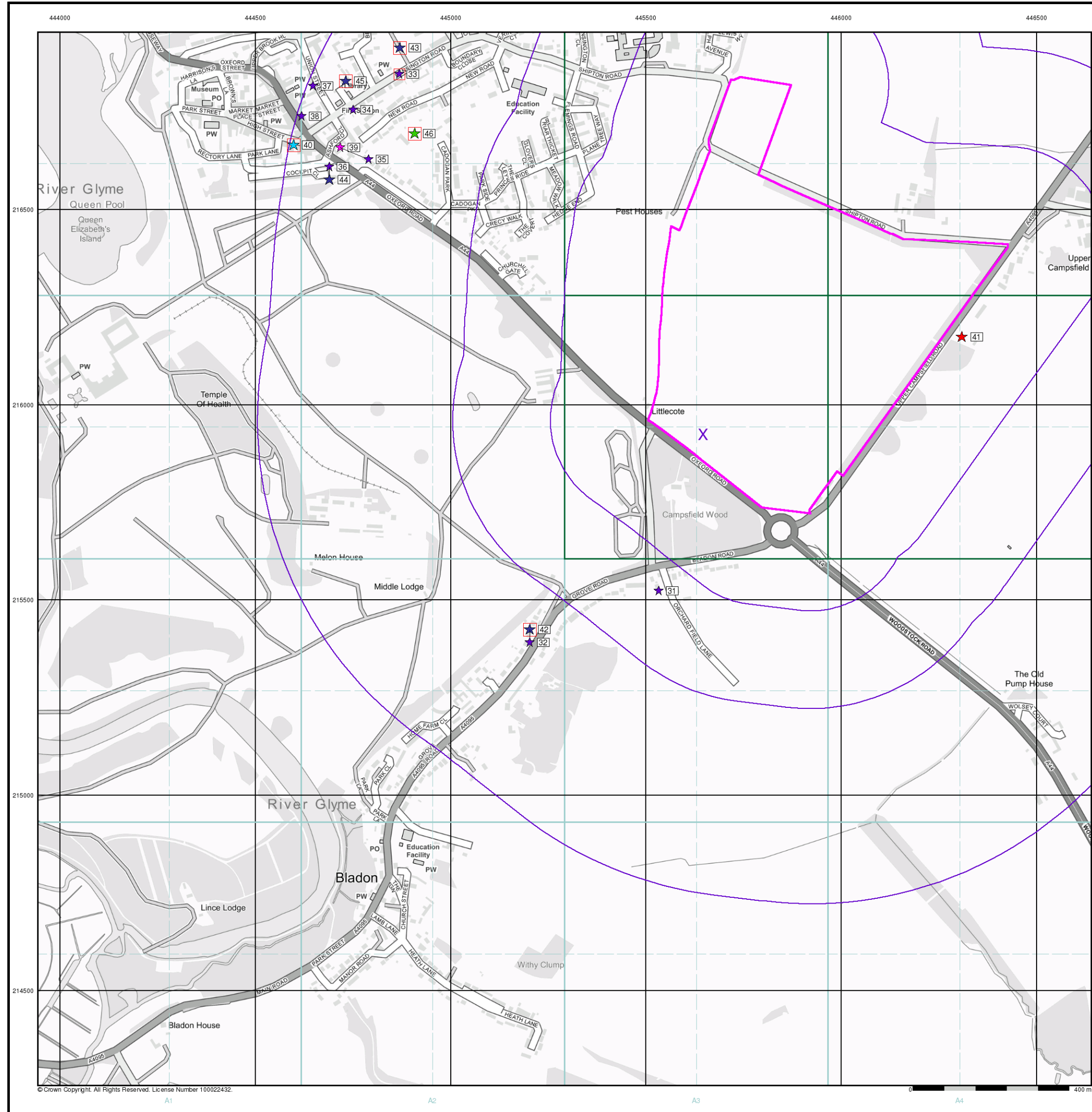
Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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Industrial Land Use Map

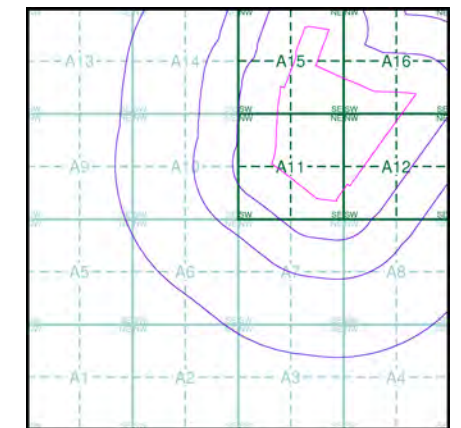
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



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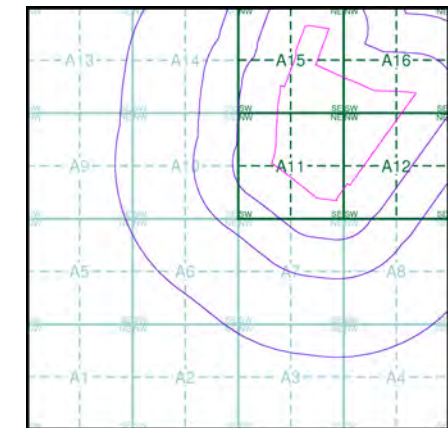
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

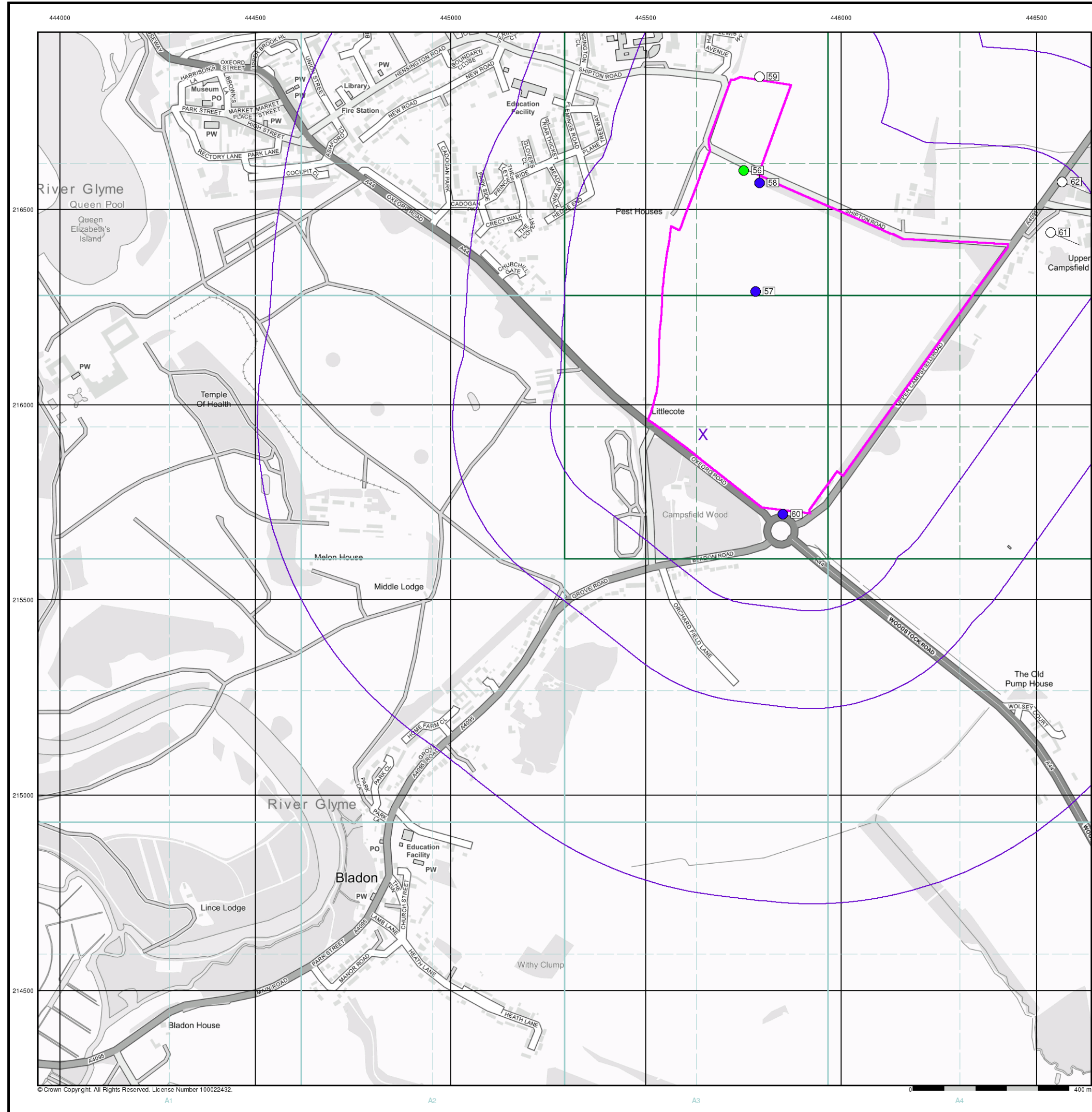
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Map ID
- Several of Type at Location

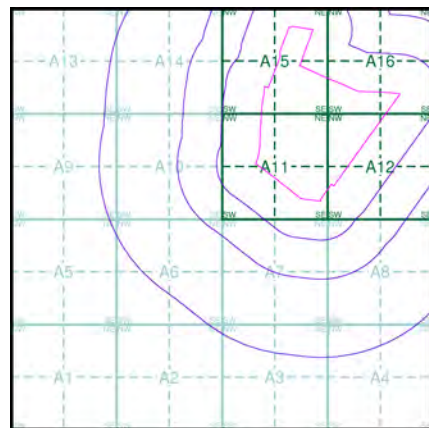
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

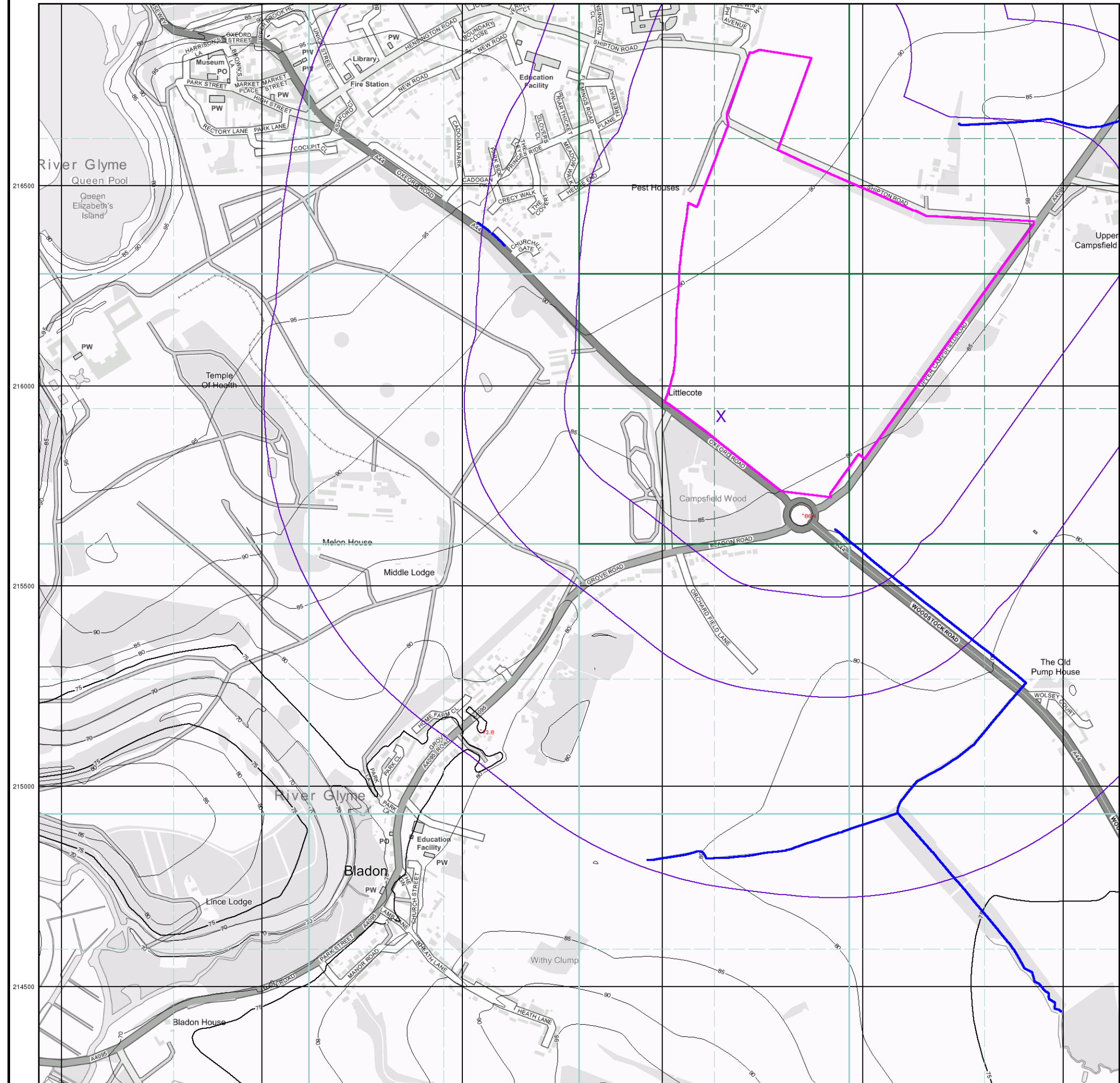
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

Site 1, Shipton Road, Woodstock, OX20 1QL



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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

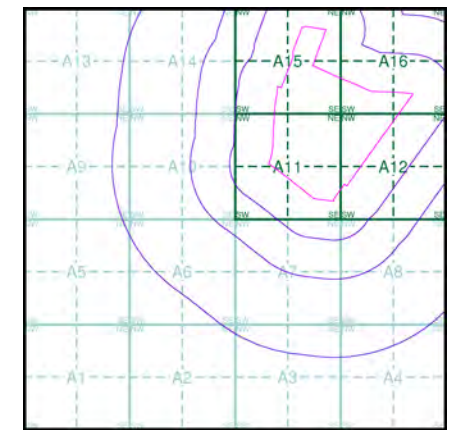
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

- Standard Contour 105 MLW Mean Low Water
- Master Contour 100 MHW Mean High Water
- Spot Height 167.3

OS Water Network Map - Slice A



Order Details

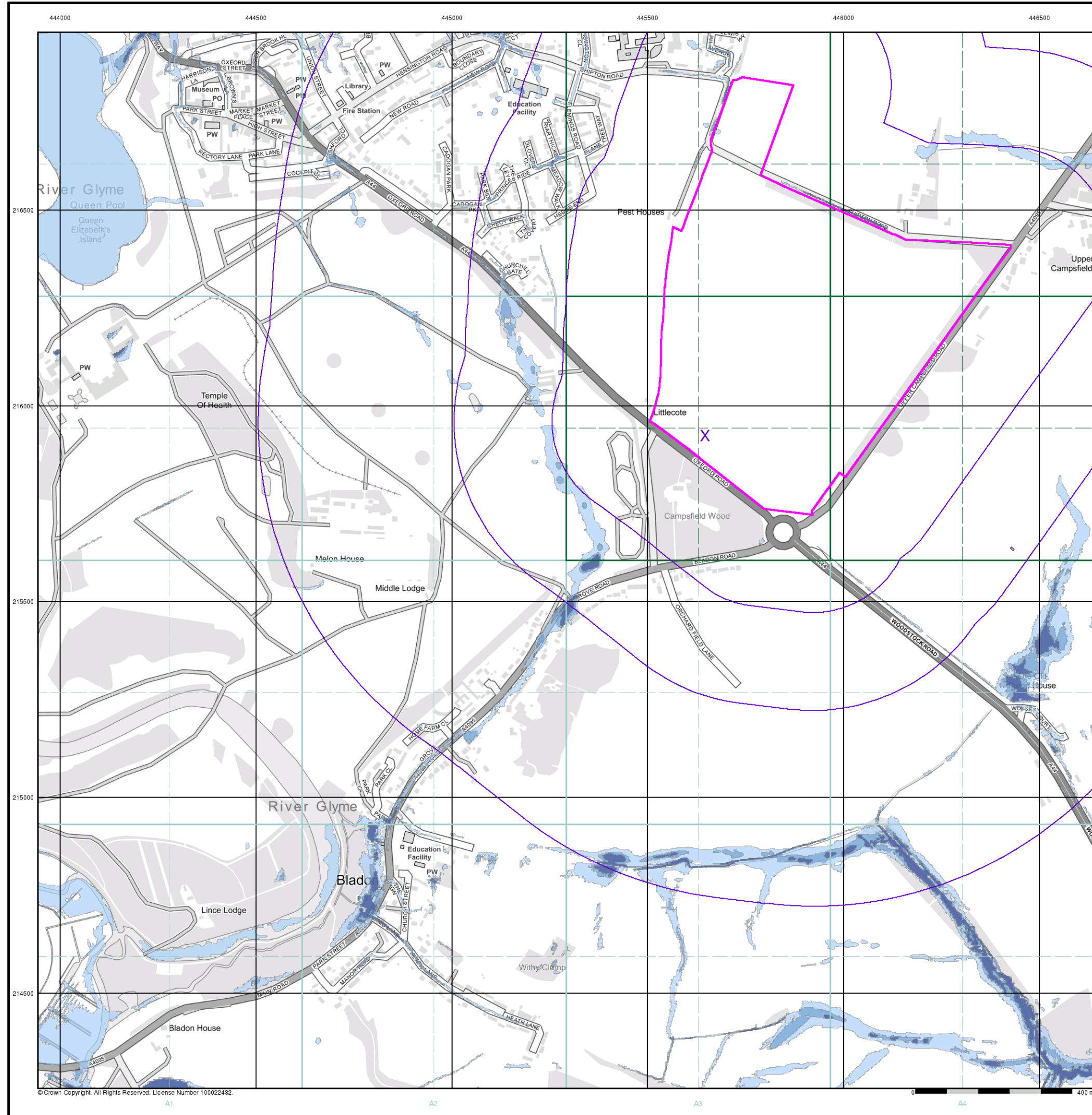
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

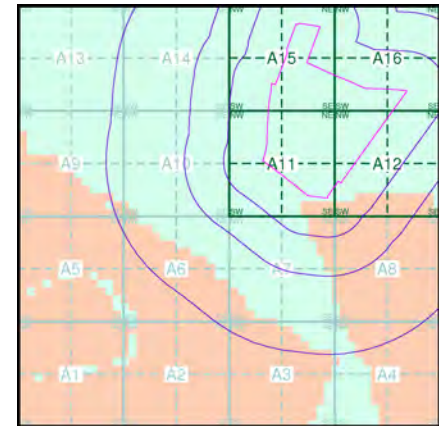
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A



Order Details

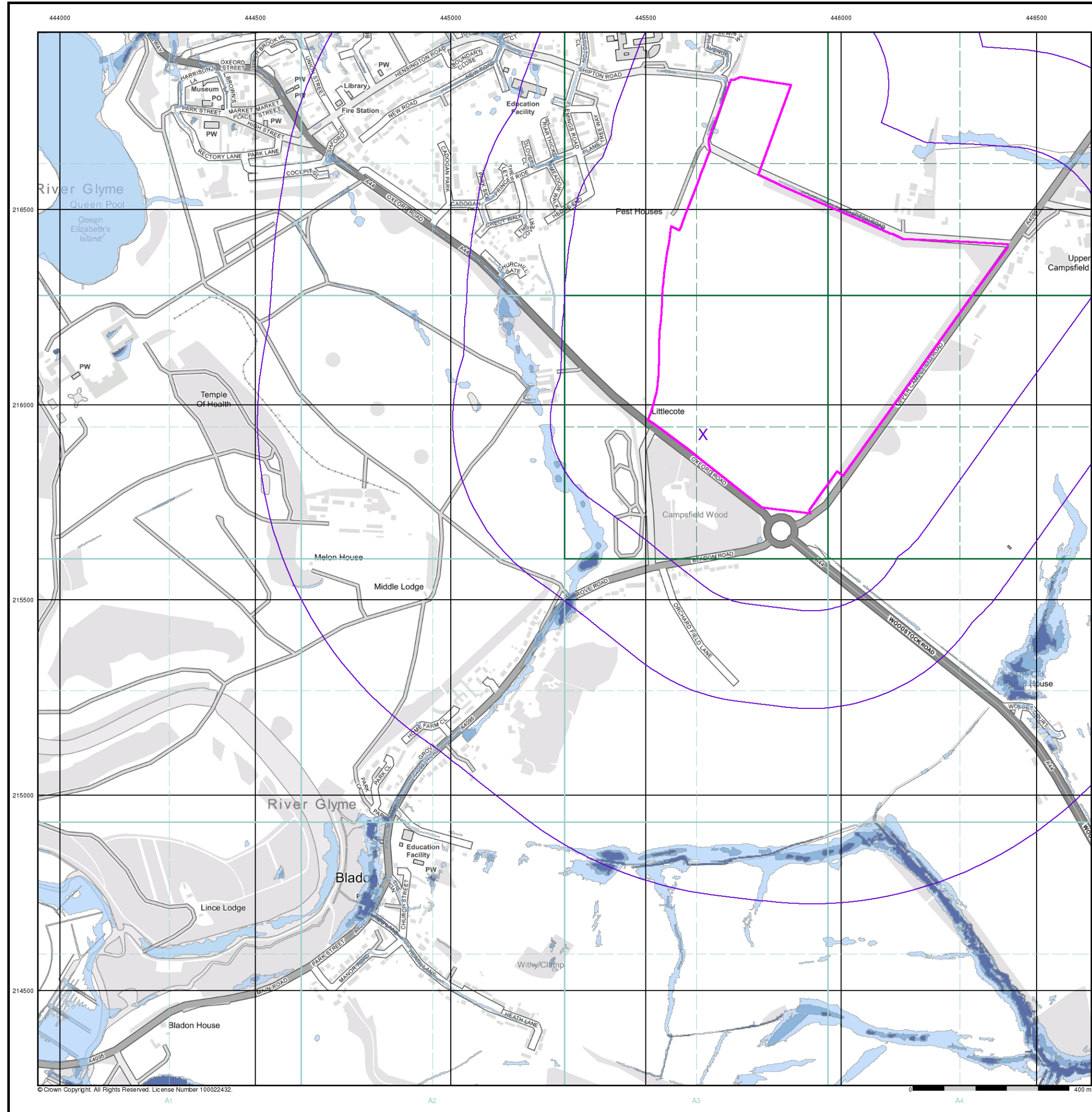
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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 Fax: 0844 844 9951
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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

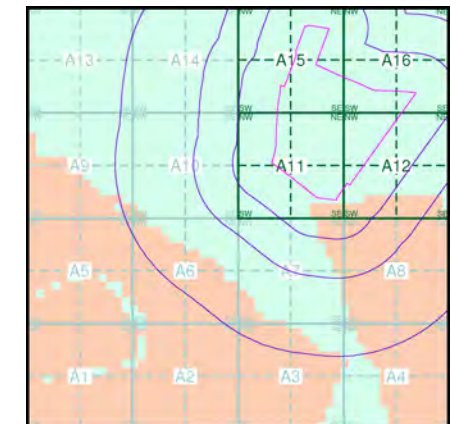
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A



Order Details

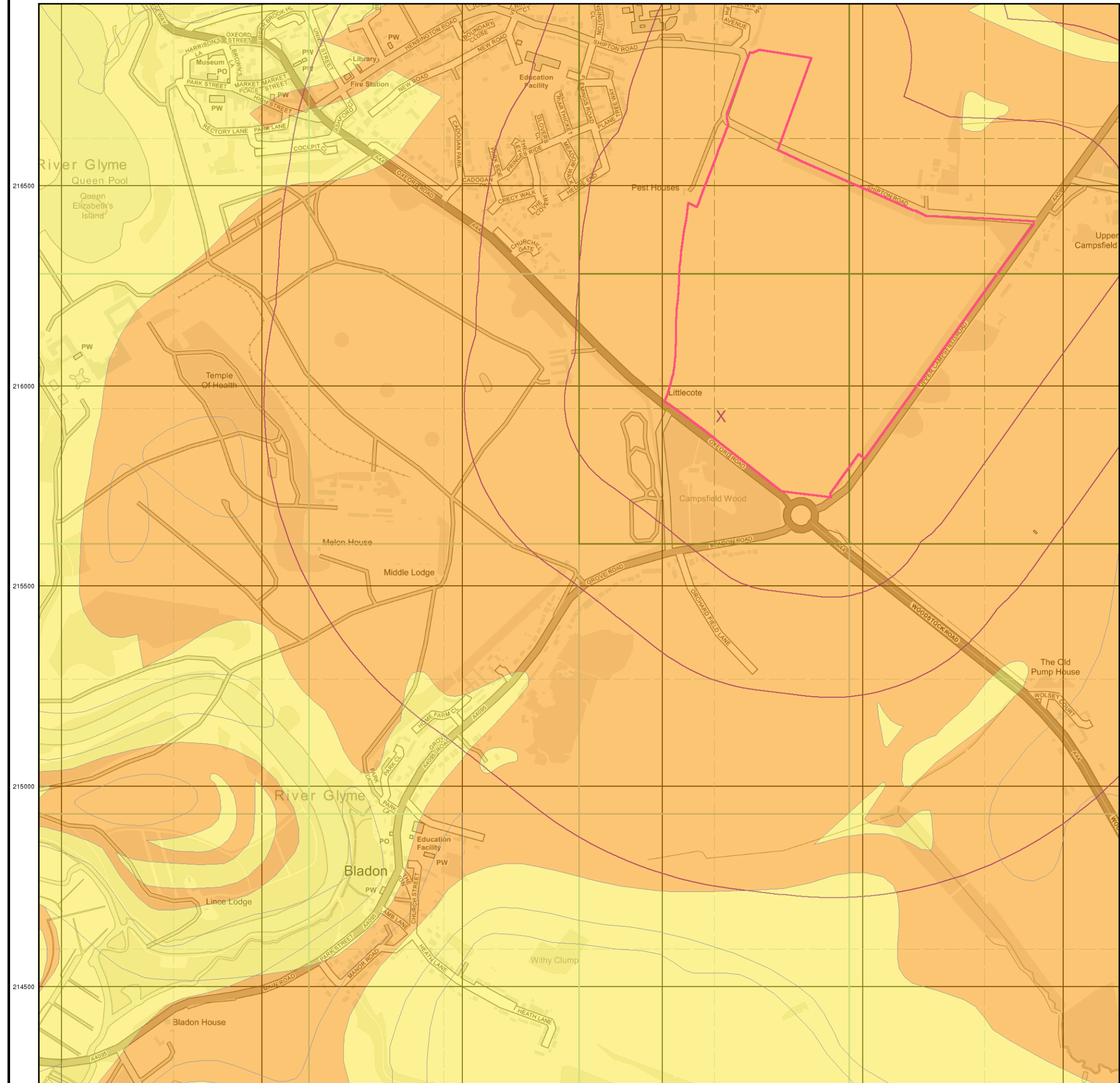
Order Number: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

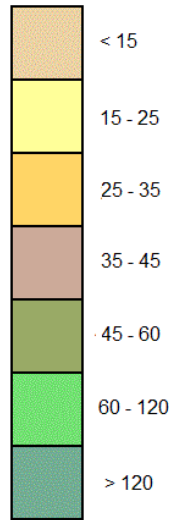


General

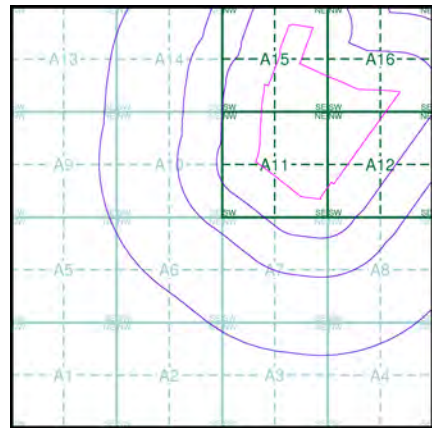
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

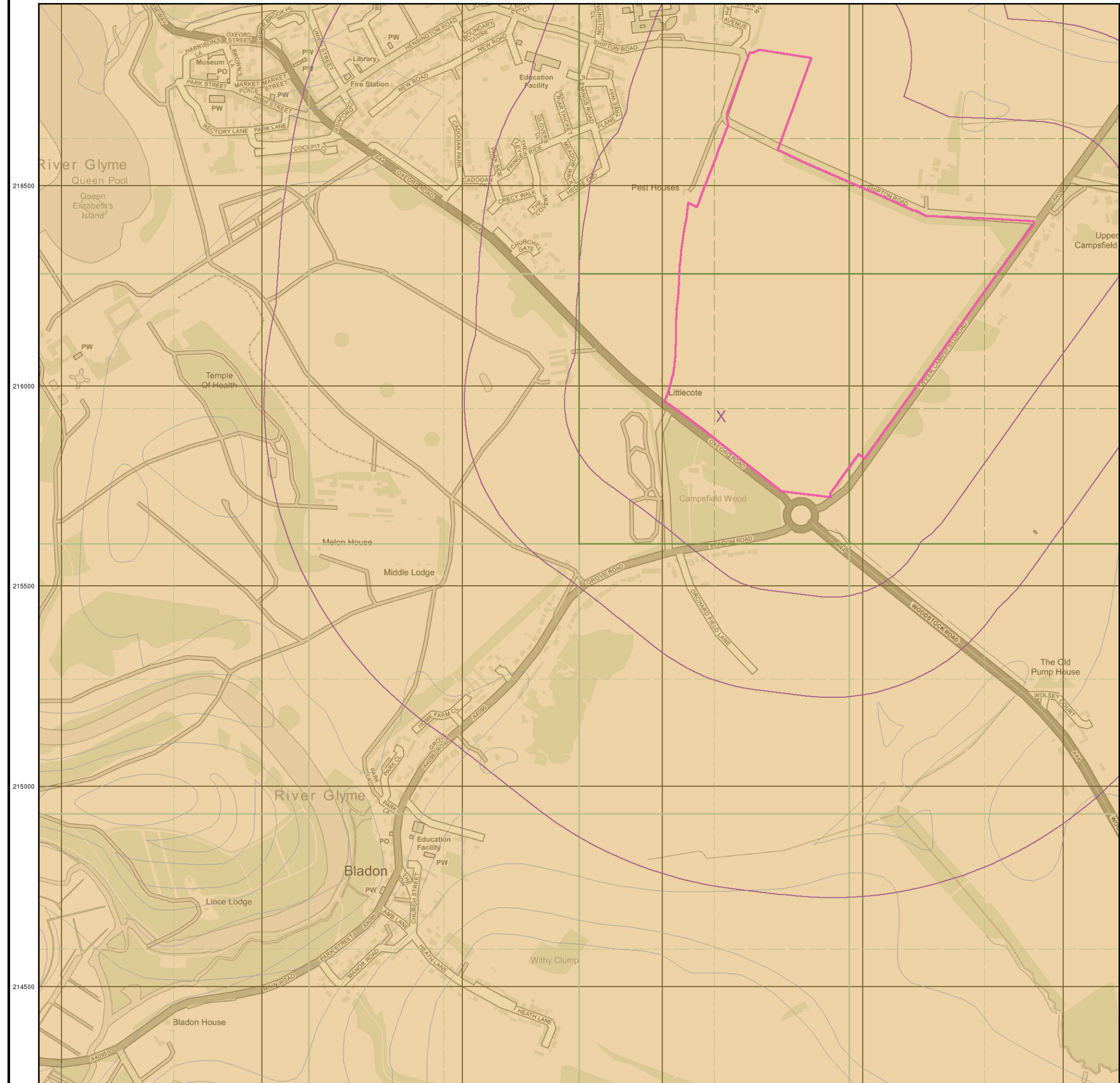
Order Details: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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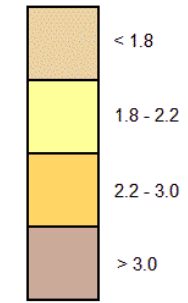


General

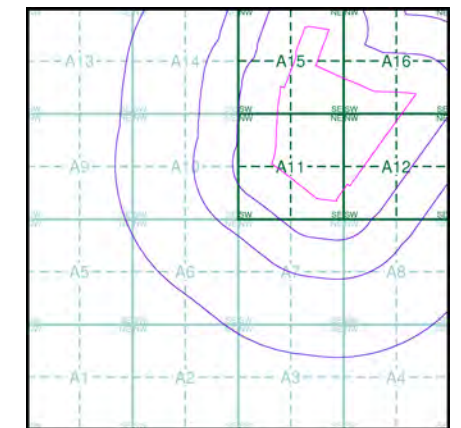
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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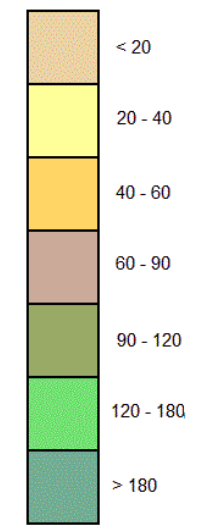


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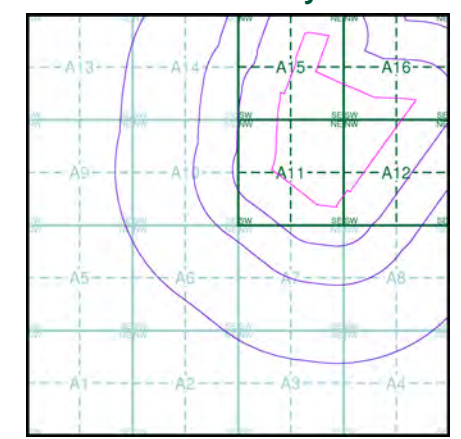
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- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

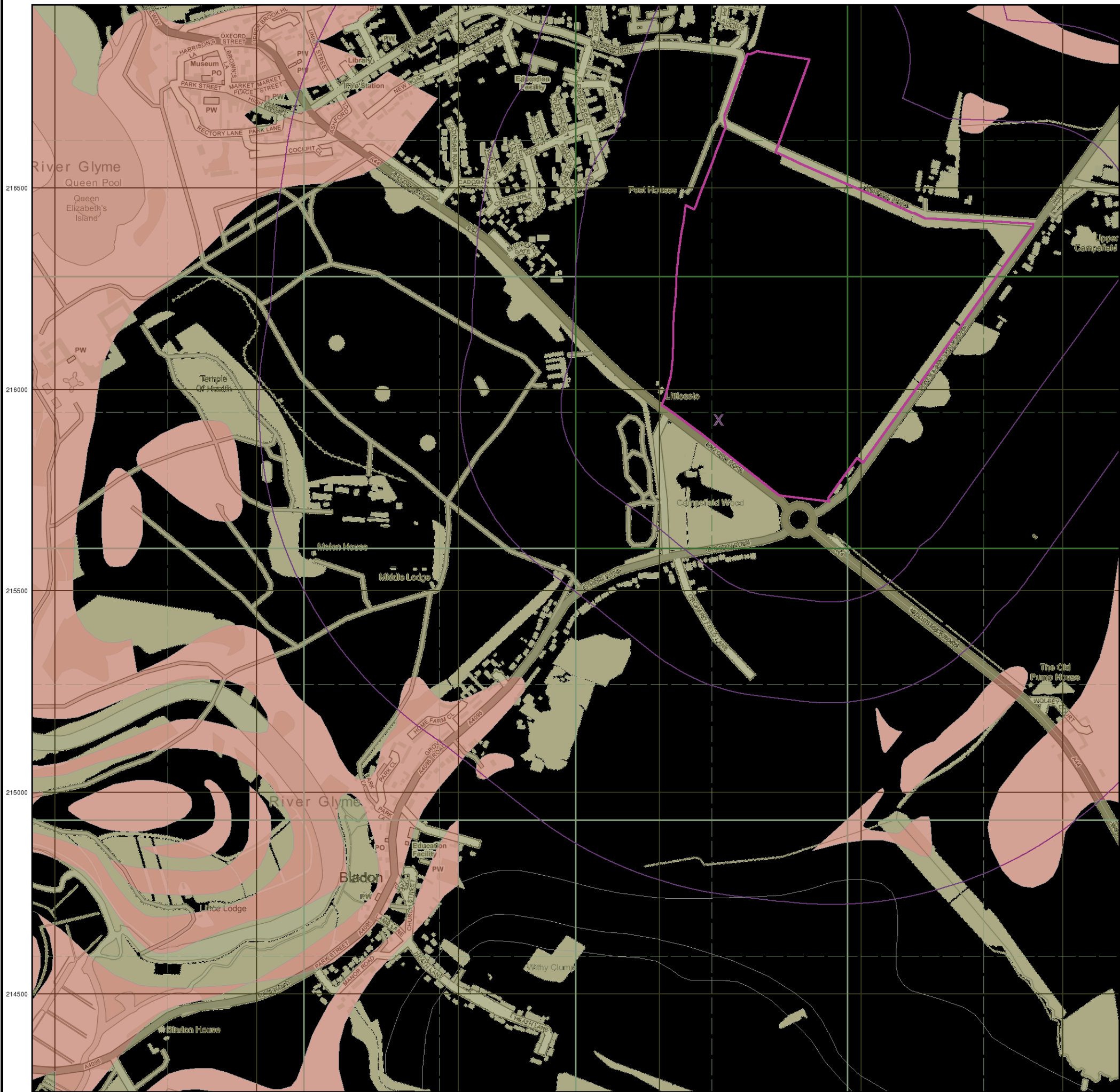
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 Site Area (Ha): 51.99
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Site Details

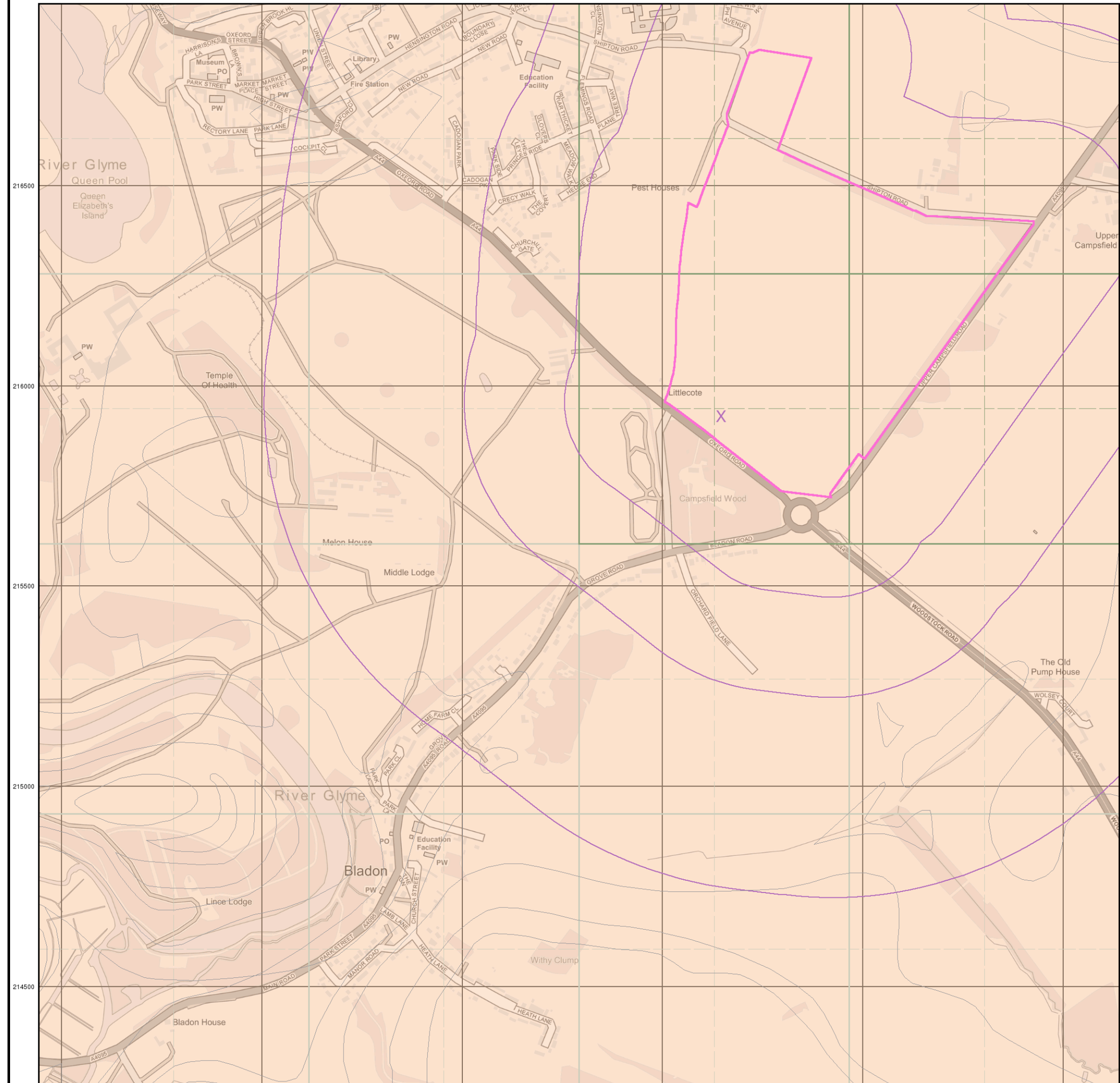
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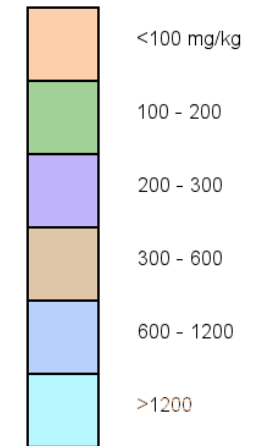


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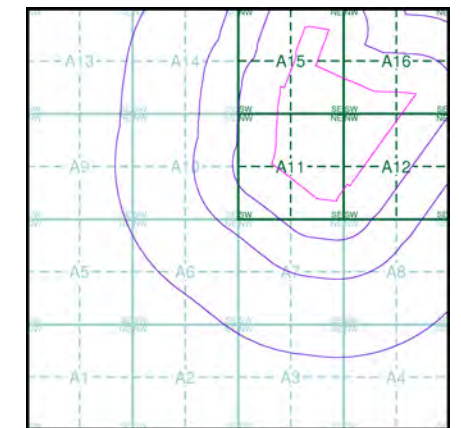
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

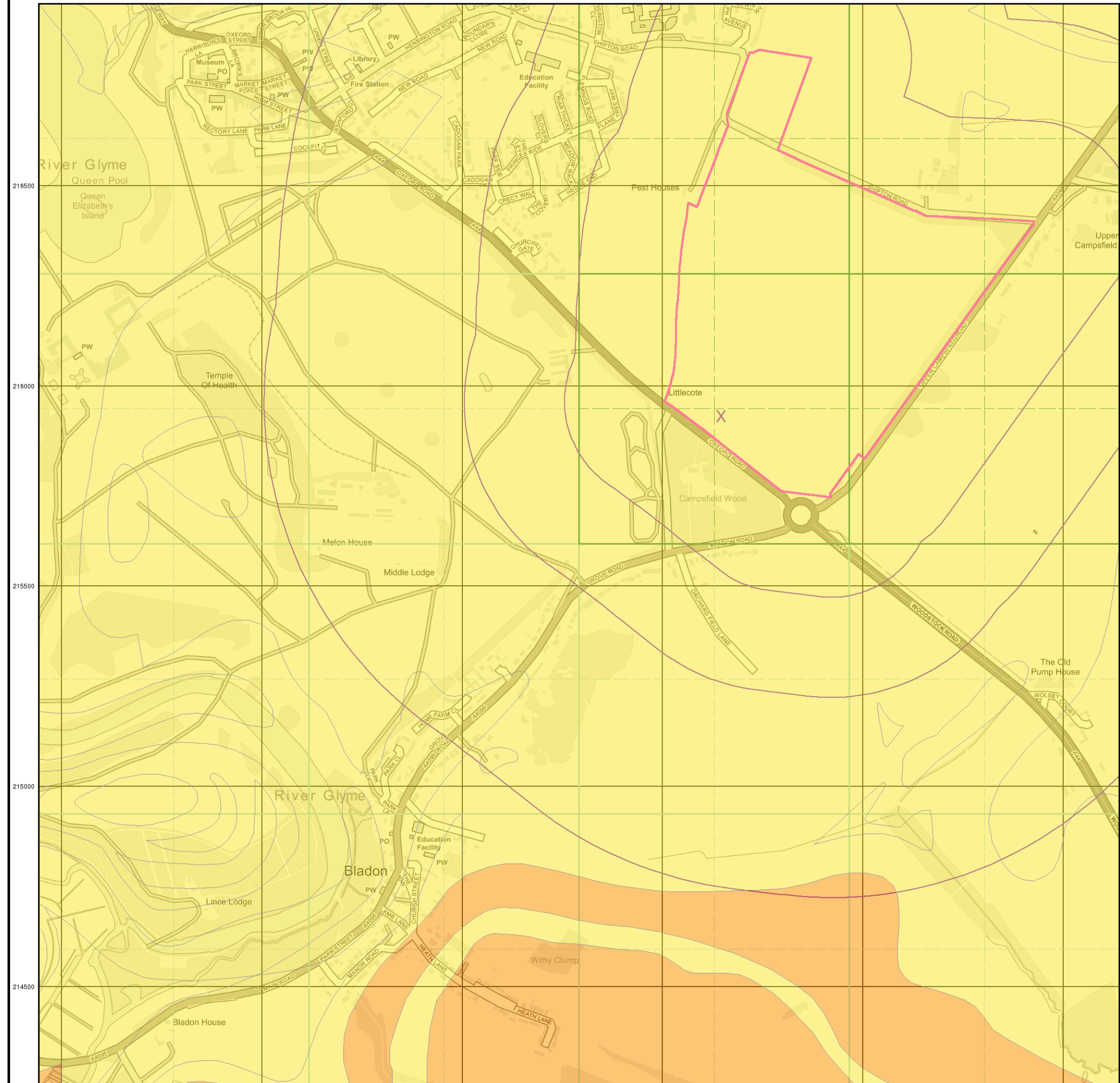
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Site Details

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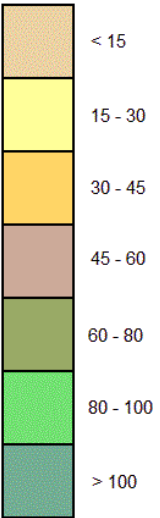


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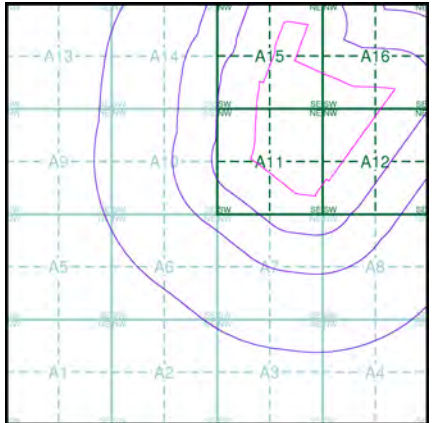
- ⬮ Specified Site
- ⬮ Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 208911574_1_1
 Customer Ref: 19.06.014
 National Grid Reference: 445650, 215920
 Slice: A
 Site Area (Ha): 51.99
 Search Buffer (m): 1000

Site Details

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