

**GALLAGHER ESTATES LIMITED** 

Wykham Park Farm, Banbury

**Desk Study Report** 

November 2012



#### Wardell Armstrong

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GALLAGHER ESTATES LIMITED

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Desk Study Report

November 2012

PREPARED BY:

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Senior Applied Geologist

APPROVED BY:

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**Technical Director** 

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Andrew Gilburt



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Appendix 1 – List of Information Sources

Appendix 2 – Extracts from LIG Envirocheck Report

# **DRAWINGS**

Reference Title Scale
WM10671/01 Site Location Plan 1:25,000



# 1 INTRODUCTION

- 1.1 This report has been prepared in accordance with instructions received from Gallagher Estates Limited in August 2012.
- 1.2 The site covers approximately 52 hectares and comprises a number of agricultural fields currently in use for arable farming. The general site location is shown on Drawing Number WM10671/01.
- 1.3 The desk study researches have been undertaken using readily available sources of information including information from Landmark Information Group (LIG) in the form of an Envirocheck Report and other available sources of information as listed in Appendix 1 to this report.
- 1.4 This report aims to provide a summary of desk study researches undertaken to establish the likely ground conditions that may be expected at the site. The report draws together information from various sources to provide indicative appraisal of ground conditions and to highlight potential constraints to development.
- 1.5 The report has been prepared for the stated purpose and for the sole use of the client. Wardell Armstrong LLP accepts no responsibility to any party other than the client.



## 2 SITE SETTING AND SITE HISTORY

- 2.1 Relevant historical mapping of past editions of published Ordnance Survey County Series and National Grid plans dating between 1882 and 2012 are included in the Landmark Information Group (LIG) Envirocheck report for the site (attached as Appendix 2). These plans have been reviewed in order to determine the development history of the site and its immediate surroundings. This information is summarised in the following text.
- 2.2 The earliest available mapping (1882) indicates that the site comprised a number of fields with a few trees recorded along the field boundaries. A small triangular shaped wooded area is marked in the northwest corner of the site. The site is bound in part to the west by a road which runs in a northeast southwest direction. This road is crossed by a track named as 'Salt Way' to the north of the site which forms part of the northern site boundary.
- 2.3 Outside the site boundary several buildings are indicated. A small cluster of buildings are shown adjacent to the south eastern boundary of the site. Wykham Farm is shown approximately 90m to the south of the site boundary, and a couple of unnamed buildings are indicated approximately 75m from the site boundary to the west of Wykham Farm. Park Farm is located 350m to the south of the site. Wykham Park is shown 550m to the southeast of the site comprising several buildings including a chapel surrounded by a wooded area. Horton Infirmary is shown 850m to the northeast of the site. Bodicote village is shown approximately 700m to the south east of the site boundary.
- 2.4 The 1882 mapping also records an old clay pit, located approximately 250m to the northwest of the site. In addition further northwest (approximately 550m from the site boundary) a rifle range is shown, behind which a small quarry and brickworks is shown.
- 2.5 Sor Brook which meanders in an east west direction is shown 1km to the south of the site. The Oxford Canal is shown 1400m to the north east of the site running in a northwest south east direction. The river Cherwell is located 1600m to the north east of the site running approximately northwest southeast direction.



- 2.6 The 1923 mapping of the site records a lodge has been constructed on the western boundary of the site. Allotments are also now shown to the east of the site.
- 2.7 The mapping published between 1938 and 1951 shows an area of residential development to the north of the site. A school is also shown in this area. There has also been slight growth of Bodicote village to the east of the site.
- 2.8 The mapping published in 1977 details further development of Easington to the north of the site with large housing estates, and schools recorded on the mapping. Along part of the southern site boundary a drain is now shown which is shown to flow in a west to east direction which flows into a stream (which flows north to south located to the southeast of the site. There are no further changes shown on site.
- 2.9 The mapping published in 1992 shows further development of Easington and Boddicot. Wkyham Park to the southwest of the site is now named Tudor Hall School. There is now a reservoir shown, 600m from the site boundary located on the stream to the south of the site. There are no other significant changes shown on the recent editions of published mapping to the site or the surrounding area. A pond is shown in the location of the former clay pit noted on the 1882 mapping 250m northwest of the site.

# **Site Description**

- 2.10 Due to the site history and the ongoing use of the site as arable farm land it was not considered necessary to undertake a walkover survey of the site for this preliminary exercise. Reference to the most recently published ordnance survey mapping (2012) and information from available online aerial photography of the site has been used to provide a site description.
- 2.11 The site is located approximately 2.5 kilometres from Banbury town centre although the residential suburb (known as Easington) associated with Banbury extends to the north western boundary of the site. The site location is shown on Drawing Number WM10671/01.
- 2.12 The site comprises five complete fields and part of one field which are currently being used for arable farming. The field boundaries within the site are demarcated with mature hedgerows. There is a small wooded area located in the north western



corner of the site and trees are also present along the majority of the site boundary. There is a single track which runs through the western section of the site in a north south direction from Bloxham Road in the north down to Wykham Lane to the south of the site. Issues and a drain which are indicated to flow west to east are present within the trees in the eastern section of the southern site boundary.

2.13 The site is bound to the north in part by open fields and by a track known as 'Salt Way' beyond which is residential development and school playing fields. The eastern and southern boundaries of the site are mainly vegetated field boundaries with Wykham Farm Cottage located adjacent to the site in the south east. Site is bound to the west by the Bloxham Road (A361) in the north and by Wykham Park lodge and open fields in the south.



# 3 RECORDED GEOLOGY, HYDROGEOLOGY AND RADON

# Recorded Geology

3.1 The geology of the site and surrounding area is shown on the 1:10,560 scale geological map sheets SP 43 NE and SP 43 NW published by the British Geological Survey in 1973.

Superficial Deposits

3.2 No superficial deposits are recorded to be present on site.

Solid Geology

3.3 The geological mapping for the site indicates that the majority of the site is underlain by the Upper Lias now known as the Whitby Mudstone Formation of the Lias Group of Jurassic Age. The Whitby Mudstone Formation generally comprises fossiliferous mudstone, siltstone, sandstone and occasional limestone bands. The eastern section of the site and the south western corner of the site is recorded to be underlain by the Marlstone Rock Bed now known as the Marlstone Rock Formation of the Lias Group of Jurassic Age. The Marlstone Rock Formation generally comprises ferruginous limestone, interbedded ferruginous sandstone and subordinate ferruginous mudstone. It is known that elevated concentrations of some metals and metalloids, including arsenic, can be associated with soils derived from the Marlstone Rock Formation in the Banbury area.

# Hydrogeology

In April 2010, the Environment Agency changed the aquifer designations so the terminology would be consistent with the Water Framework Directive. The 'new' designations reflect the importance of aquifers in terms of groundwater as a resource (drinking water supply) but also as their role in supporting surface water flows and wetland ecosystems. Reference has been made to the maps provided with the LIG Report. The underlying strata are classified as unproductive strata in the central and northern section of the site i.e. the Whitby Mudstone Formation and 'Secondary A' aquifer in the southern section of the site i.e. the Marlstone Rock Formation. The strata classified as a Secondary A aquifer typically contain permeable layers capable of supporting water supplies at a local rather than



strategic scale. It is noted that such waters can, in some cases form an important source of base flow to rivers. As such the aquifer beneath the site can be classed as a potential receptor for any contamination present on site.

# **Hydrology**

- 3.5 The nearest hydrological receptor indentified is an issue located on site, approximately 10m from southern boundary. This flows westwards into a ditch which feeds into another ditch located to the south of Wykham Farm Cottage (located to the south east of the site), which flows southwards into the Sor Brook located approximately 1km to the south of the site. Approximately 600m to the south of the site there is a small reservoir.
- 3.6 There are also several small ponds located around the site. The closest ponds are located 250m to the north west of the site, and 500m to the south of the site.

## Radon

3.7 The Building Research Establishment (BRE) 'Guidance on Protective Measures For New Dwellings' BR211 has been consulted along with the information provided within the Landmark Information Group 'Envirocheck' report. The documentation indicates that the site is located partly within an area where full radon protective measures are required and partly within an area where no radon protection measures are required. It is recommended that subsequent to planning consent being awarded a radon protection report from the British Geological Survey (BGS) is obtained which would provide further detailed information on this to assist in the detailed planning and construction of the proposed development.



## 4 ENVIRONMENTAL AND SERVICE AUTHORITY CONSULTATIONS

4.1 The assessment of the environmental setting of the site has been undertaken using a Landmark Information Group (LIG) Envirocheck report. The LIG report provides environmental information which includes details of sites that are recorded to hold abstraction licences or discharge consents, recorded pollution incidents, licensed waste sites, sites subject to environmental authorisations (air pollution controls etc) and sites that have or historically have potentially contaminative uses. The LIG report derives data from a variety of up-to-date sources including the Environment Agency, Ordnance Survey, the Coal Authority, Local Authorities and the British Geological Survey (BGS) amongst others. A summary of this information is discussed below.

## **Pollution Incidents to Controlled Waters**

4.2 There have no pollution incidents to controlled waters within the vicinity of the site.

# **Discharge Consent**

4.3 The LIG report identifies 16 discharge consents within 1km of the site boundary. The closest 4 consents (two of which are now revoked) are held by Mr T J Veres, at Crouch Farm, located 90m to the north west of the site. The discharge consent (reference CTWC 2892) allows the discharge of final/treated effluent into land. The receiving water is recorded as the Marlstone Rock Bed. All other discharge consents relate to sewage discharges onto groundwater and freshwater watercourses.

# **Water Abstractions**

4.4 There are 5 water abstractions within a 1km radius of the site and an additional 4 water abstraction permits located between 1km and 2km from the site. The closest recorded abstraction licence is recorded to be for general farming and domestic use under the name of Mr R Gibbard, at Crouch Farm. The licence number is 28/39/14/0021, which permits groundwater abstraction from a single point. The remaining permits are predominantly for water abstraction for general agricultural and domestic purposes, with the exception of the water abstraction permit held by Thames Water Utilities Ltd, located 1370m south of the site. This abstraction licence is water abstraction from a surface water source for public potable water supply.



## **Recorded Landfills**

4.5 There are no recorded landfill sites located within 250m of the site. The nearest recorded landfill is a local authority landfill located approximately 900m north of the site. The landfill is recorded to hold fly tipped waste, the status of the site is not known. A historical landfill is also recorded to be located in this area directly adjacent to the local authority landfill. The status of this landfill is not given but the specified waste for the site is recorded as inert waste and industrial waste.

# **Fuel Station Directory**

4.6 Three fuel stations are recorded within 1km of the site. The nearest fuel station is located 523m northwest of the site at 226 Oxford Road, Banbury, however records indicate this site is now obsolete.

# **Ecological Considerations**

- 4.7 The site comprises a number of arable fields and associated mature hedgerow, with a small wooded area located in the north western corner of the site and trees along the majority of the site boundary. Issues and a drain are also present in the eastern section of the southern site boundary.
- 4.8 The potential for ecological considerations has not been assessed as part of this desk study review, however there is considered to be a potential for protected species to be present within the site. Consideration should be given to the identification of any protected species before ground investigation or development work is undertaken at the site.

# Mining

4.9 Reference has been made to the Coal Authority website which provides advice on whether a Coal Authority mining report will be required for new properties. The website confirms that properties within the area do not require a mining report.



## 5 CONCEPTUAL SITE MODEL

5.1 A Conceptual Site Model (CSM) for the site has been developed for the site. The CSM identifies potential sources of contaminants, potential receptors and potential pathways by which the identified receptors may be exposed. It has been assumed that the site will be redeveloped with residential properties and associated gardens, soft landscaping areas and infrastructure.

## **Sources**

- 5.2 The desk study researches have identified the following potential contaminant sources that may be hazardous to receptors identified in paragraph 5.4 below:
  - Potential for pesticides and herbicides spread on fields;
  - Potential for metals and metalloid contamination;
  - Potential for ground gas within any made ground and decomposing materials.

# **Pathways**

- 5.3 A number of potential pathways have been identified whereby potential receptors can be exposed to, or affected by, the identified contaminants and include:
  - Dermal contact with contaminated soil and dust;
  - Ingestion of contaminated soil and dust;
  - Inhalation of contaminated dust and gasses;
  - Ingestion of contaminated home grown produce;
  - Uptake of contaminants from soil by flora;
  - Migration of contaminants via services, service ducts and foundations;
  - Migration via groundwater including perched groundwater;
  - Surface water runoff.

## **Receptors**

- 5.4 Potential receptors identified for the site include;
  - Humans (including both the site user and the construction workers);
  - Flora and fauna on the site;
  - Drainage ditch/water course in the south of the site.



## 6 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions are drawn from the preceding information in terms of potential sources of contamination, possible targets that may be affected by any sources of contamination and the pathways that may exist between identified sources and targets. The basic risk assessment allows identification of the suitability of the site for its proposed use and evaluation of any environmental liability that may attach to the site. From the information researched as part of this desk study it is considered likely that the presence of contamination across the site will be low, however confirmation of this will be attained following a full site investigation undertaken across the site.

# **Contaminative Setting**

- 6.2 The land use history and review of current site use has indicated that the site has been in use for arable farming since the date of the earliest available published mapping (1882). It is considered unlikely that significant contamination of the site will have resulted from this land use. However the following are potential sources of contamination which have been considered within this review;
  - Fuel and oil based hydrocarbon contamination associated with farm machinery and other vehicular access;
  - Polycyclic Aromatic Hydrocarbons associated with ash materials either from burning of materials on site or spreading of ash from other sources;
  - Pesticides and fertilizer residue which may have previously have been used on site.
  - Elevated concentrations of metals/metalloids associated with the Marlstone Rock Formation.
- 6.3 The principal pathways linked the identified sources and targets are likely to be:
  - Residents and construction workers coming into contact with contaminated soil and dust in gardens or whilst digging within the soils;
  - Ingestion of contaminated soil and dust either directly through soil residue on food or through not washing hands after contact with soils;



- Inhalation of contaminated dust and gasses by site users and or passing pedestrians / motorists as dust is airborne during dry weather;
- Ingestion of contaminated home grown produce once the site is developed;
- Uptake of contaminants from soil by flora affecting the growth of plants;
- Migration of contaminants via services, service ducts and foundations once development has been undertaken;
- Migration via groundwater including perched groundwater should permeable strata be encountered;
- Surface water runoff.

The identified principal targets for contamination sources at the site are limited to three main receptors. These are humans accessing the site, the flora and fauna present within the site and the drainage ditch/watercourse present along part of the southern boundary of the site.

# **Recommendations for Ground Investigation**

- 6.4 Following the planning consent being granted a full ground investigation should be designed and undertaken across the site area to determine the ground conditions present across the site.
- 6.5 Ground investigation works at the site would likely be undertaken primarily using machine excavated trial pits to establish the depth of any made ground and topsoil materials present overlying the Whitby Mudstone Formation (in the central and northern areas of the site) and the Marlstone Rock Formation (in the eastern and south western corner of the site). In addition, in-situ testing would be undertaken where applicable, and samples of the near surface materials would be obtained for geotechnical laboratory testing.
- 6.6 A number of cable percussion boreholes would be required to establish the deeper geological setting and to obtain further samples and undisturbed samples of soils for geotechnical laboratory testing to assist in the assessment of potential foundation options. Samples from the trial pits and cable percussion boreholes would also be tested to determine the contaminative status of the site, to undertake appropriate risk assessment to determine whether the near surface materials present a significant risk to human health for the proposed development and to refine the assumptions contained in the conceptual site model.



# APPENDIX 1 LIST OF INFORMATION SOURCES

# **APPENDIX 1**

# LIST OF INFORMATION SOURCES – WYKHAM FARM, BANBURY

The following principal sources of information have been consulted in the preparation of this report:

- Ordnance Survey County and National Grid Series Plans;
- British Geological Survey Published Maps and Memoirs;
- Landmark Information Group Envirocheck Report;
- Wardell Armstrong Archives;
- BR211 Radon, Guidance on Protective Measures for New Dwellings;
- Environment Agency Groundwater Vulnerability Map;

# APPENDIX 2 LIG ENVIROCHECK REPORT



# **Envirocheck® Report:**

# **Datasheet**

# **Order Details:**

**Order Number:** 

41035229\_1\_1

**Customer Reference:** 

WM10671

**National Grid Reference:** 

444570, 238640

Slice:

Α

Site Area (Ha):

50.33

Search Buffer (m):

1000

**Site Details:** 

Site at 444730, 238510

# **Client Details:**

Miss L Wood Wardell Armstrong LLP Thynne Court Thynne Street West Bromwich West Midlands B70 6PH



Order Number: 41035229\_1\_1

Date: 28-Aug-2012 rpr\_ec\_datasheet v47.0 A Landmark Information Group Service





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Geological	9
Industrial Land Use	21
Sensitive Land Use	23
Data Currency	24
Data Suppliers	29
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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 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 the attached 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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## Radon Potential dataset Copyright Notice

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#### Report Version v47.0



# **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		8	3	3
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 4				4
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				5 (*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 6	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
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 8				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites	pg 8				1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 8				1
Registered Waste Treatment or Disposal Sites					



# **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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					
Geological					
BGS 1:625,000 Solid Geology	pg 9	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 9	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 17			1	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 18	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 18	Yes	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 19	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 19	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 19	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 21		6		13
Fuel Station Entries	pg 22				1



# **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 23	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					



# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr. T.J. Veres Domestic Property (Multiple) Farm Cottages, Crouch Farm, Bloxham Road, Near Banbury, Oxfordshire Environment Agency, Thames Region Not Supplied Ctwc.2892 2 19th August 2006 18th August 2006 31st March 2019 Sewage Discharges - Final/Treated Effluent - Not Water Company Irrigation Area  Marlstone Rock Bed Transferred from COPA 1974 Located by supplier to within 10m	A10SE (NW)	90	1	444150 238850
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr. T.J. Veres Domestic Property (Multiple) Farm Cottages, Crouch Farm, Bloxham Road, Near Banbury, Oxfordshire Environment Agency, Thames Region Not Given CTWC.2892 1 22nd November 1988 22nd November 1988 18th August 2006 Sewage Discharges - Final/Treated Effluent - Not Water Company Irrigation Area  Marlstone Rock Bed Transferred from COPA 1974 Located by supplier to within 100m	A10SE (NW)	90	1	444150 238850
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr. T.J. Veres Domestic Property (Multiple) Farm Cottages, Crouch Farm, Bloxham Road, Near Banbury, Oxfordshire Environment Agency, Thames Region Not Supplied Ctwc.2892 3 19th July 2006 22nd November 1988 18th August 2006 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Marlstone Rock Bed Transferred from COPA 1974 Located by supplier to within 10m	A10SE (NW)	90	1	444150 238850
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mr. T.J. Veres Domestic Property (Multiple) Farm Cottages, Crouch Farm, Bloxham Road, Near Banbury, Oxfordshire Environment Agency, Thames Region Not Supplied Ctwc.2892 4 19th July 2006 22nd November 1988 31st March 2019 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Marlstone Rock Bed Transferred from COPA 1974 Located by supplier to within 10m	A10SE (NW)	90	1	444150 238850



# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Property Type: Location: Authority:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Bloxham Road Environment Agency, Thames Region	A11NW (N)	158	1	444600 239101
	-	Not Supplied Temp.0484 1 2nd November 1989 2nd November 1989 25th November 1997 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River Sor Brook Authorisation revokedRevoked Located by supplier to within 10m				
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Broughton Road Environment Agency, Thames Region Not Supplied Temp.0558 2 3rd September 2010 3rd September 2010 Not Supplied Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Sor Brook Varied under EPR 2010 Located by supplier to within 10m	A11NW (N)	159	1	444600 239102
2	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Broughton Road Environment Agency, Thames Region Not Supplied Temp.0558 1 2nd November 1989 2nd November 1989 2nd November 1989 2nd September 2010 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Sor Brook Temporary Consents (Water Act 1989, Section 113) Located by supplier to within 10m	A11NW (N)	159	1	444600 239102
3	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Beaconsfield Road Environment Agency, Thames Region Not Supplied Temp.0415 1 2nd November 1989 2nd November 1989 25th November 1997 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  River Cherwell Authorisation revokedRevoked Located by supplier to within 100m	A12SE (E)	225	1	445700 238700



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consent: Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Tudor Hall School Domestic Property (Multiple) 3 Properties Tudor Hall School Wykham Lane Banbury Oxon Ox16 9ur Environment Agency, Thames Region Not Supplied Cawm.0650 1 17th March 2003 15th July 2003 1st March 2006 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Into Land New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A6SW (SW)	412	1	443910 238090
4	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Tudor Hall School Domestic Property (Multiple) 3 Properties Tudor Hall School Wykham Lane Banbury Oxon Ox16 9ur Environment Agency, Thames Region Not Supplied Cawm.0650 2 3rd March 2006 15th July 2003 9th March 2006 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Into Land New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A6SW (SW)	412	1	443910 238090
4	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Tudor Hall School Domestic Property (Multiple) 3 Properties Tudor Hall School Wykham Lane Banbury Oxon Ox16 9ur Environment Agency, Thames Region Not Supplied Cawm.0650 3 8th March 2006 15th July 2003 31st March 2018 Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Into Land New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A6SW (SW)	412	1	443910 238090
5	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Falcon Close Environment Agency, Thames Region Not Supplied Temp.0948 1 2nd November 1989 2nd November 1989 25th November 1997 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Sor Brook Authorisation revokedRevoked Located by supplier to within 100m	A14SW (NW)	765	1	444000 239600



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consent Operator: Property Type:	s The Bursar, Tudor Hall School Sewage Disposal Works - Other	A2SE (S)	936	1	444300 237500
	Location: Authority: Catchment Area: Reference: Permit Version: Effective Date:	Stw, Tudor Hall School, Wykham Park, Banbury, Oxon Environment Agency, Thames Region Not Supplied Ctcr.0886 1 15th December 1966	(3)			237300
	Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water:	15th December 1966 16th October 1990 Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River  Trib Of Sorbrook				
	Status:	Authorisation revokedRevoked Located by supplier to within 100m				
7	Discharge Consent Operator: Property Type: Location: Authority:	s The Bursar, Tudor Hall School Education Tudor Hall School, Wykham Park,Banbury, Oxfordshire Environment Agency, Thames Region	A2SE (S)	998	1	444240 237430
	Catchment Area: Reference: Permit Version: Effective Date: Issued Date:	Not Supplied Cntw.0762 1 17th October 1990 17th October 1990				
	Revocation Date: Discharge Type: Discharge Environment:	16th April 1991 Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River				
	Receiving Water: Status: Positional Accuracy:	Sor Brook Authorisation revokedRevoked Located by supplier to within 10m				
	Local Authority Pol	lution Prevention and Controls				
8	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Sainsburys Banbury Oxford Road, BANBURY, Oxfordshire, OX16 9XA Cherwell District Council, Environmental Health Department CDC/98/10 27th November 1998 Local Authority Air Pollution Control PG1/14 Petrol filling station Authorised Manually positioned to the address or location	A16SE (NE)	753	2	445660 239369
	Local Authority Pol	lution Prevention and Controls				
9	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Johnson Cleaners Uk Ltd Sainsburys Store, Oxford Road, Banbury, Ox16 9xa Cherwell District Council, Environmental Health Department CDCP03/07 1st March 2008 Local Authority Pollution Prevention and Control PG6/46 Dry cleaning Application exempt from APC Manually positioned to the address or location	A12NE (NE)	789	2	445811 239327
	1	lution Prevention and Controls		0=4		
10	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status: Positional Accuracy:	Aston Martin Lagonda Ltd Wykham Mill, Bloxham Road, Banbury, Ox16 9ux Cherwell District Council, Environmental Health Department CDC 1/01 Not Supplied Local Authority Pollution Prevention and Control PG6/34 Respraying of road vehicles Authorisation revokedRevoked Manually positioned to the road within the address or location	A1SE (SW)	951	2	443697 237588
	_	lution Prevention and Controls			_	
11	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: <b>Status:</b> Positional Accuracy:	Aston Martin Lagonda Ltd Wykham Mill, Bloxham Road, BLOXHAM, Oxfordshire, OX16 9UX Cherwell District Council, Environmental Health Department CDC 98/15 31st December 1998 Local Authority Air Pollution Control PG6/34 Respraying of road vehicles Authorisation revokedRevoked Manually positioned to the address or location	A1SE (SW)	963	2	443618 237622
	Nearest Surface Wa	•••				
			A7NE (E)	0	-	445099 238422



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr R Gibbard 28/39/14/0021 100 Crouch Farm, Banbury (A) Environment Agency, Thames Region General Farming And Domestic Water may be abstracted from a single point Groundwater 2 318 Crouch Farm, Banbury 01 January 31 December 3rd July 1993 Not Supplied Located by supplier to within 100m	A9SE (W)	562	1	443600 238800
13	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H Colegrave & Son 28/39/14/0296 100  Wykham Park Farm, Banbury, Oxon (Point B) -Trib.Of.Sor Brook Environment Agency, Thames Region General Agriculture: Spray Irrigation - Storage Water may be abstracted from a single point Surface Not Supplied Not Supplied Not Supplied O1 November 31 March 18th July 1984 Not Supplied Located by supplier to within 10m	A3NW (S)	570	1	444500 237900
14	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	H Colegrave & Son 28/39/14/0296 100 Wykham Park Farm, Banbury, Oxon (Point A) - Trib.Of.Sor Broo Environment Agency, Thames Region General Agriculture: Spray Irrigation - Storage Water may be abstracted from a single point Surface 818 27276 Not Supplied 01 November 31 March 18th July 1984 Not Supplied Located by supplier to within 100m	A4NW (SE)	589	1	445200 237800
15	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Banbury Self Pick 28/39/14/0299 102 Banbury Self Pick, Broughton Road, Banbury, Oxon Environment Agency, Thames Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Banbury Self Pick, Broughton Road 01 March 31 October 13th March 2003 Not Supplied Located by supplier to within 100m	A13SE (NW)	865	1	443600 239400



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
15	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Banbury Self Pick 28/39/14/0299 100 Crouch Hill Farm, Broughton Road, Banbury, Oxon Environment Agency, Thames Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater 68 13636 Crouch Hill Farm, Broughton Road 01 March 31 October 7th July 1986 Not Supplied Located by supplier to within 100m	A13SE (NW)	865	1	443600 239400
	-	Mr L Stroud 28/39/14/0099 100 Old Barn Farm, Bodicote (A) Environment Agency, Thames Region General Farming And Domestic Water may be abstracted from a single point Groundwater 2 831 Old Barn Farm, Bodicote 01 January 31 December 12th December 1966 Not Supplied Located by supplier to within 100m	(S)	1524	1	444200 236900
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	C R Adams & Sons 28/39/14/0008 100 Bloxham Grove, Bodicote (A) Environment Agency, Thames Region General Farming And Domestic Water may be abstracted from a single point Groundwater 7 1818 Bloxham Grove, Bodicote 01 January 31 December 9th May 1979 Not Supplied Located by supplier to within 100m	(SE)	1575	1	445700 236800
	Groundwater Vulne Soil Classification:  Map Sheet: Scale:	rability  Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Sheet 30 Northern Cotswolds 1:100,000	A12NW (NE)	0	1	445243 239071
	Groundwater Vulne	'				
	Soil Classification:  Map Sheet: Scale:	Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 30 Northern Cotswolds 1:100,000	A7NW (S)	0	1	444546 238557
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	rability  Not classified Sheet 30 Northern Cotswolds 1:100,000	A7NW (W)	0	1	444572 238638
	Drift Deposits None					
		Secondary Aquifer - A	A7NE (SE)	0	3	445000 238442
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	A7NW (S)	0	3	444562 238568



# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations				
	Aquifer Desination: Unproductive Strata	A7NE (E)	0	3	445000 238638
	Bedrock Aquifer Designations				
	Aquifer Desination: Unproductive Strata	A7NW (W)	0	3	444572 238638
	Bedrock Aquifer Designations				
	Aquifer Desination: Secondary Aquifer - Undifferentiated	A6NE (W)	0	3	444161 238603
	Bedrock Aquifer Designations				
	Aquifer Desination: Secondary Aquifer - Undifferentiated	A7SE (SE)	0	3	445000 238173
	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				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Historical Landfill S	ites				
16	Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:		A14NW (N)	912	1	444102 239806
	Local Authority Lan Name:	Idfill Coverage Cherwell District Council		0	2	444572
		- Has supplied landfill data				238638
	Local Authority Lan Name:	dfill Coverage Oxfordshire County Council - Has supplied landfill data		0	7	444572 238638
	Local Authority Rec	corded Landfill Sites				
17	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure: Positional Accuracy: Boundary Quality:	Broughton Road, Banbury 10 Cherwell District Council, Environmental Health Department Unknown  Fly Tipping Not Supplied Positioned by the supplier Good	A14NW (N)	908	2	444106 239802
	Registered Waste T	ransfer Sites				
18	Licence Holder: Licence Reference: Site Location:  Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Licence Status: Dated: Preceded By Licence: Superseded By Licence:	The Horton General Hospital NHS Trust OCC/151 The Horton General Hospital, Oxford Road, BANBURY, Oxfordshire, OX16 9AL As Site Address Environment Agency - Thames Region, West Area Transfer Very Small (Less than 10,000 tonnes per year) Waste produced/controlled by licence holder  Licence has completion certificateSurrendered 1st October 1994 Not Given  Not Given  Approximate location provided by supplier Not Supplied Ash From On-Site Incinerator Clinical Wastes Cytotoxic Drugs Flue Ash Paper/Cardboard Waste Prescript.Only Medicines (Meds.Act '68 Wood	A16NE (NE)	972	1	445500 239700
	Prohibited Waste	Bse Carcasses Liquid Waste N.O.S.				



# Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid		A ( ( 2) ) )			444=0=
	Description:	Middle Lias	A11SW (NE)	0	3	444705 238855
	BGS 1:625,000 Solid	<del></del>				
	Description:	Upper Lias	A7NW (W)	0	3	444572 238638
	BGS Estimated Soil	•				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil	A11SW (N)	0	4	444572 239000
	Arsenic Concentration:	45 - 60 mg/kg				
	Cadmium	<1.8 mg/kg				
	Concentration: Chromium	120 - 180 mg/kg				
	Concentration: Lead Concentration:	<150 mg/kg				
	Nickel	45 - 60 mg/kg				
	Concentration:	I Oh amiratan				
	BGS Estimated Soil Source:	British Geological Survey, National Geoscience Information Service	A11SW	0	4	444584
	Soil Sample Type: Arsenic	Rural Soil 45 - 60 mg/kg	(N)	Ü		238897
	Concentration:	45 - 60 mg/kg				
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium	120 - 180 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	45 - 60 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source:	British Geological Survey, National Geoscience Information Service	A7NE	0	4	445000
	Soil Sample Type: Arsenic	Rural Soil 60 - 120 mg/kg	(SE)			238442
	Concentration: Cadmium	<1.8 mg/kg				
	Concentration:					
	Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel	<150 mg/kg 80 - 100 mg/kg				
	Concentration:	00 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source:	British Geological Survey, National Geoscience Information Service	A7NE (F)	0	4	445000 238638
	Source: Soil Sample Type: Arsenic	-	A7NE (E)	0	4	445000 238638
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg	(E)			238638
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg  British Geological Survey, National Geoscience Information Service Rural Soil		0	4	
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil Source:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg  British Geological Survey, National Geoscience Information Service	(E)			238638 444572
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg  British Geological Survey, National Geoscience Information Service Rural Soil	(E)			238638 444572
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg <150 mg/kg 45 - 60 mg/kg  I Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg	(E)			238638 444572
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Lead Concentration: Nickel Concentration: BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg  <1.8 mg/kg  120 - 180 mg/kg  <150 mg/kg  45 - 60 mg/kg  I Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg  <1.8 mg/kg  120 - 180 mg/kg	(E)			238638 444572





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg  <1.8 mg/kg >180mg/kg	A7SE (SE)	0	4	445000 238172
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A6NE (W)	0	4	444161 238603
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	>180mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A7NW (S)	0	4	444562 238568
	Chromium Concentration: Lead Concentration: Nickel Concentration:	80 - 100 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg	A11SE (NE)	27	4	445000 238894
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 120 - 180 mg/kg	A11SE (NE)	122	4	445000 239000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg <1.8 mg/kg >180mg/kg	A6NW (W)	125	4	444000 238638





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A10SW (W)	156	4	444000 238711
	Concentration: Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg 120 - 180 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 60 - 80 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A12SW (E)	169	4	445317 238891
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg 80 - 100 mg/kg				
	BGS Estimated Soil	Chamietry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg	A12SW (E)	218	4	445445 238888
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	120 - 180 mg/kg <150 mg/kg				
	Nickel Concentration:	45 - 60 mg/kg				
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg	A12SW (E)	231	4	445442 238896
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	45 - 60 mg/kg				
	BGS Estimated Soil	•			_	
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A10SW (NW)	246	4	444000 238903
	Cadmium Concentration: Chromium	<1.8 mg/kg 120 - 180 mg/kg				
	Concentration: Lead Concentration: Nickel	<150 mg/kg 60 - 80 mg/kg				
	Concentration:					
	BGS Estimated Soil	•			_	
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A7SE (SE)	252	4	444964 238166
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A12SW (NE)	255	4	445289 239000
	Concentration: Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg >180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A12SE (E)	292	4	445573 238888
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A10SW (NW)	301	4	444000 239000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	120 - 180 mg/kg <150 mg/kg				
	Nickel Concentration:	60 - 80 mg/kg				
	<b>BGS Estimated Soil</b>	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg	A12SW (NE)	326	4	445443 239000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	45 - 60 mg/kg				
	BGS Estimated Soil	•		20.4		
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A6SW (SW)	334	4	443948 238158
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	5 5				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil	A3NE (SE)	355	4	445013 238000
	Arsenic Concentration: Cadmium	60 - 120 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 80 - 100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg  <1.8 mg/kg	A7SE (SE)	395	4	445000 238022
	Concentration: Chromium Concentration: Lead Concentration: Nickel	>180mg/kg				
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	A7SW (S)	406	4	444603 238063
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A3NE (SE)	413	4	445000 238000
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	>180mg/kg <150 mg/kg 80 - 100 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	A3NW (S)	416	4	444676 238000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	A2NW (SW)	424	4	444133 238000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	A3NW (S)	424	4	444572 238000
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A2NW (SW)	450	4	444000 238000
	Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg >180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 60 - 80 mg/kg				
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A2NE (S)	470	4	444472 238000
	Concentration: Chromium Concentration: Lead Concentration:	>180mg/kg <150 mg/kg				
	Nickel Concentration:	80 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A2NW (SW)	475	4	443937 238000
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	<b>BGS Estimated Soil</b>	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A2NE (S)	538	4	444272 237899
	Cadmium Concentration: Chromium	<1.8 mg/kg 90 - 120 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chamistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A15SW (N)	559	4	444515 239594
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A4NW (SE)	617	4	445310 237749
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	30 - 45 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration:	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A15SE (N)	625	4	444835 239630
	Cadmium Concentration: Chromium Concentration: Lead Concentration:	<1.8 mg/kg >180mg/kg				
	Nickel Concentration:	>100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	A12NE (NE)	667	4	445505 239352
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A9SE (W)	688	4	443506 238908
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	>180mg/kg <150 ma/ka				
	Nickel Concentration:	>100 mg/kg				
	<b>BGS Estimated Soil</b>	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A1NE (SW)	734	4	443723 237823
	Cadmium Concentration: Chromium	<1.8 mg/kg 90 - 120 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	<b>BGS Estimated Soil</b>	•				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A1NE (SW)	776	4	443501 238000
	Concentration: Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 60 - 80 mg/kg				
		Chamistry				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil	A14SW (NW)	784	4	443894 239584
	Arsenic Concentration: Cadmium	>120 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg  <1.8 mg/kg	A15NW (N)	829	4	444809 239839
	Concentration: Chromium Concentration: Lead Concentration: Nickel	90 - 120 mg/kg				
	Concentration:	30 - 43 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg	A15NE (N)	830	4	445000 239800
	Chromium Concentration: Lead Concentration: Nickel Concentration:	>180mg/kg <150 mg/kg >100 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A2SE (S)	903	4	444418 237521
	Concentration: Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg 90 - 120 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A2SW (SW)	916	4	444000 237521
	Concentration: Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg 90 - 120 mg/kg				
	Lead Concentration: Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg <1.8 mg/kg	A5SW (W)	934	4	443259 238138
	Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	>180mg/kg <150 mg/kg >100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg	A15NW (N)	986	4	444572 240000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration: Nickel Concentration:	>180mg/kg <150 mg/kg >100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg <1.8 mg/kg >180mg/kg	A15NW (N)	986	4	444733 240000
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 45 - 60 mg/kg <1.8 mg/kg 60 - 90 mg/kg	A14NW (N)	990	4	444068 239876
		Observice				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg <1.8 mg/kg 90 - 120 mg/kg	A15NE (N)	994	4	444853 240000
		aval Sitaa				
19	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Crouch Hill , Broughton, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 57003 Opencast Ceased Unknown Operator Unknown Operator Jurassic Whitby Mudstone Formation Common Clay and Shale Located by supplier to within 10m	A10NW (NW)	286	3	444110 239100
20	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Springfields , Crouch Hill, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 56994 Opencast Ceased Unknown Operator Unknown Operator Jurassic Marlstone Rock Formation Common Clay and Shale Located by supplier to within 10m	A14SE (N)	726	3	444323 239660
	BGS Recorded Mine					
21	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Springfields Brick Works , Crouch Hill, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 56996 Opencast Ceased Unknown Operator Unknown Operator Jurassic Marlstone Rock Formation Common Clay and Shale Located by supplier to within 10m	A14NE (N)	818	3	444225 239740





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine					
22	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Bretch Farm Broughton Road, Crouch Hill, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 57004 Opencast Ceased Unknown Operator Unknown Operator Jurassic Whitby Mudstone Formation Common Clay and Shale	A14NW (N)	963	3	444095 239857
	-	Located by supplier to within 10m				
23	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Crouch Hill Farm , Broughton, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 57001 Opencast Ceased Unknown Operator Unknown Operator Jurassic Marlstone Rock Formation Limestone Located by supplier to within 10m	A9NW (NW)	998	3	443372 239318
24	BGS Recorded Mine Site Name:	eral Sites Wood Green Clay Pit	A14NE	999	3	444370
	-	Broughton Road, Neithrop, Banbury, Oxfordshire British Geological Survey, National Geoscience Information Service 74825 Opencast Ceased Unknown Operator Unknown Operator Jurassic Whitby Mudstone Formation Common Clay and Shale Located by supplier to within 10m	(N)			239945
	BGS Measured Urb	an Soil Chemistry				
	BGS Urban Soil Ch	emistry Averages				
	No data available					
	Coal Mining Affecte					
	_	not be affected by coal mining				
	Non Coal Mining Ar No Hazard	eas of Great Britain				
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238638
	Potential for Collap Hazard Potential: Source:	sible Ground Stability Hazards  Very Low  British Geological Survey, National Geoscience Information Service	A7NW (W)	0	3	444572 238638
	Potential for Compi Hazard Potential: Source:	ressible Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	A7NW (W)	0	3	444572 238638
	Potential for Compi Hazard Potential: Source:	ressible Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238638
	Potential for Groun No Hazard	d Dissolution Stability Hazards				
		lide Ground Stability Hazards  Very Low  British Geological Survey, National Geoscience Information Service	A7NW (W)	0	3	444572 238638
	Potential for Lands Hazard Potential: Source:	lide Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238638





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Lands	ide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A6NW (SW)	76	3	444109 238360
		ide Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A6SE (SW)	97	3	444195 238331
	Hazard Potential:	ng Sand Ground Stability Hazards  No Hazard	A7NW	0	3	444572
	Source:	British Geological Survey, National Geoscience Information Service	(W)			238638
	Hazard Potential: Source:	ng Sand Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238638
		ing or Swelling Clay Ground Stability Hazards	(=)			200000
	Hazard Potential:	No Hazard	A7NW	0	3	444562
	Source:	British Geological Survey, National Geoscience Information Service	(S)			238568
		ing or Swelling Clay Ground Stability Hazards		_	_	
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A7NE (SE)	0	3	445000 238442
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards	(- /			
	Hazard Potential:	Low	A7NW	0	3	444572
	Source:	British Geological Survey, National Geoscience Information Service	(W)			238638
		ing or Swelling Clay Ground Stability Hazards	AONE		0	44404
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A6NE (W)	0	3	444161 238603
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards	, ,			
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A7SE (SE)	0	3	445000 238173
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238638
	Potential for Shrink Hazard Potential: Source:	ing or Swelling Clay Ground Stability Hazards  Low  British Geological Survey, National Geoscience Information Service	A12SW (E)	218	3	445442 238897
	Protection Measure:	adon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions	A7NW (N)	0	3	444572 238651
	Source:	British Geological Survey, National Geoscience Information Service				
	Protection Measure:	adon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions	A7NE (E)	0	3	445000 238638
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures  Full radon protective measures are necessary in the construction of new dwellings or extensions	A7NW (W)	0	3	444572 238638
	Source:	British Geological Survey, National Geoscience Information Service	` ,			
		adon Protection Measures Full radon protective measures are necessary in the construction of new	A7NE	0	3	445000
	Source:	dwellings or extensions British Geological Survey, National Geoscience Information Service	(E)			238526
		adon Protection Measures				
		No radon protective measures are necessary in the construction of new	A11SW	0	3	444572
	Source:	dwellings or extensions British Geological Survey, National Geoscience Information Service	(N)			238926
		adon Affected Areas				
	Affected Area:	The property is in a lower probability radon area, as less than 1% of homes	A7NW	0	3	444572
	Source:	are above the action level British Geological Survey, National Geoscience Information Service	(N)			238651
	Radon Potential - R Affected Area:	adon Affected Areas  The property is in a lower probability radon area, as less than 1% of homes are above the action level	A7NE (E)	0	3	445000 238638
	Source:	British Geological Survey, National Geoscience Information Service	(-/			
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a radon affected area, as between 10 and 30% of homes are above the action level	A7NW (W)	0	3	444572 238638



# Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential -	Radon Affected Areas				
	Affected Area: Source:	The property is in a radon affected area, as between 10 and 30% of homes are above the action level British Geological Survey, National Geoscience Information Service	A7NE (E)	0	3	445000 238526
	Radon Potential -	Radon Affected Areas				
	Affected Area: Source:	The property is in a radon affected area, as between 1 and 3% of homes are above the action level British Geological Survey, National Geoscience Information Service	A11SW (N)	0	3	444572 238926

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### **Industrial Land Use**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Penny Vintage Carrage Bodies Ltd Vantage Business Park,Bloxham Rd, Banbury, Oxfordshire, OX16 9UX Classic Car Specialists Active Manually positioned to the road within the address or location	A6NW (W)	30	-	444122 238674
26	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Time For You 15, Waller Drive, Banbury, Oxfordshire, OX16 9NS Cleaning Services - Domestic Active Automatically positioned to the address	A10NE (NW)	172	-	444308 239093
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Grange Road Garage 71, Grange Road, Banbury, Oxfordshire, OX16 9AT Garage Services Inactive Automatically positioned to the address	A12SW (E)	237	-	445477 238877
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Grange Garage 71, Grange Road, Banbury, Oxfordshire, OX16 9AT Garage Services Inactive Automatically positioned to the address	A12SW (E)	237	-	445477 238877
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries Grange Road Garage 71, Grange Road, Banbury, Oxfordshire, OX16 9AT Garage Services Inactive Automatically positioned to the address	A12SW (E)	237	-	445477 238877
27	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	de Directory Entries Grange Road Garage 71, Grange Road, Banbury, Oxfordshire, OX16 9AT Mot Testing Centres Active Automatically positioned to the address	A12SW (E)	237	-	445477 238877
28	Contemporary Trad Name: Location: Classification: Status:		A15SW (N)	583	-	444769 239596
29	Contemporary Trad Name: Location: Classification: Status:		A12NE (NE)	640	-	445695 239216
30	Contemporary Trad Name: Location: Classification: Status:		A15NW (N)	758	-	444606 239761
31	Contemporary Trad Name: Location: Classification: Status:	, , , , , , , , , , , , , , , , , , ,	A16SE (NE)	761	-	445527 239447
32	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Johnson Cleaners (Uk) Ltd Oxford Road, Banbury, Oxfordshire, OX16 9XA Dry Cleaners Inactive Automatically positioned to the address	A12NE (NE)	789	-	445811 239327
33	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	le Directory Entries  1st Jannock Commercial Services Ltd Queensway, Banbury, Oxfordshire, OX16 9NF Commercial Cleaning Services Inactive Automatically positioned to the address	A15NW (N)	806	-	444546 239798



### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
34	Name: Location: Classification: Status: Positional Accuracy:	Banbury Litho Vantage Business Park,Bloxham Rd, Banbury, Oxfordshire, OX16 9UX Printers Active Manually positioned to the road within the address or location	A1NE (SW)	831	-	443712 237718
	Contemporary Trad	e Directory Entries				
35	Name: Location: Classification: Status: Positional Accuracy:	Safe Point Healthcare Ltd Vantage Business Park,Bloxham Rd, Banbury, Oxfordshire, OX16 9UX Medical Equipment Manufacturers Active Manually positioned to the road within the address or location	A1SE (SW)	894	-	443706 237648
	Contemporary Trad	e Directory Entries				
36	Name: Location: Classification: Status: Positional Accuracy:	Gts Sewing Machines 55 A Mewburn Rd, Queensway Shopping Centre/, Banbury, Oxfordshire, OX16 9PQ Sewing Machines - Industrial Active Manually positioned to the road within the address or location	A15NW (N)	895	-	444666 239906
	Contemporary Trad	e Directory Entries				
36	Name: Location: Classification: Status: Positional Accuracy:	Sound Dept The Colin Sanders Innovation Centre, Mewburn Rd, Banbury, Oxfordshire, OX16 9PA Sound Equipment Systems Manufacturers Inactive Manually positioned to the road within the address or location	A15NW (N)	921	-	444690 239934
	Contemporary Trad	* *				
37	Name: Location: Classification: Status:	Fairmitre Windows & Joinery Ltd The Tythe Barn, Vantage Business Park, Bloxham Road, Banbury, Oxfordshire, OX16 9UX Joinery Manufacturers Active Automatically positioned to the address	A1NE (SW)	904	-	443630 237686
	Contemporary Trad	e Directory Entries				
38	Name: Location: Classification: Status:	Fibre Optic Solutions Ltd Suite 008,The Colin Sanders Innovation Centre,Mewburn Rd, Banbury, Oxfordshire, OX16 9PA Fibre Optics Inactive Manually positioned to the road within the address or location	A15NW (N)	965	-	444730 239979
	,					
39	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Horton Hospital Oxford Radcliffe Trust 81a, Oxford Road, Banbury, Oxfordshire, OX16 9AL Hospitals Active Automatically positioned to the address	A16SE (NE)	981	-	445582 239667
	Fuel Station Entries	3				
40	Name: Location: Brand: Premises Type: <b>Status:</b> Positional Accuracy:	Sainsburys Banbury Oxford Road, Banbury, Oxfordshire, OX16 9XA Sainsburys Hypermarket Open Automatically positioned to the address	A12NE (NE)	786	-	445816 239322



### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerabl	le Zones				
41	Name: Description: Source:	Not Supplied NVZ Area Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A7NW (W)	0	6	444572 238638

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
Stratford-on-Avon District Council - Environmental Services	November 2011	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	April 2012	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Midlands Region	June 2012	Quarterly
Environment Agency - Thames Region	June 2012	Quarterly
Integrated Pollution Controls		
Environment Agency - Midlands Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
ntegrated Pollution Prevention And Control		
Environment Agency - Midlands Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
Stratford-on-Avon District Council - Environmental Health Department	November 2011	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
Stratford-on-Avon District Council - Environmental Health Department	November 2011	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
Stratford-on-Avon District Council - Environmental Health Department	November 2011	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	December 2011	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Midlands Region	June 2012	Monthly
Environment Agency - Thames Region	June 2012	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Midlands Region	June 2012	Monthly
Environment Agency - Thames Region	June 2012	Monthly
Registered Radioactive Substances		
Environment Agency - Midlands Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register		
Environment Agency - Midlands Region - Central Area	April 2012	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	April 2012	Quarterly
Environment Agency - Thames Region - West Area	April 2012	Quarterly
Nater Abstractions		
Environment Agency - Thames Region	July 2012	Quarterly
Vater Industry Act Referrals		
Environment Agency - Midlands Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly



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Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones		
Environment Agency - Head Office	July 2012	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	July 2012	Quarterly
Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Midlands Region - Central Area	July 2012	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Midlands Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Midlands Region - Central Area	July 2012	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - Central Area	July 2012	Quarterly
Environment Agency - Midlands Region - Lower Severn Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
Local Authority Landfill Coverage		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
Stratford-on-Avon District Council	May 2000	Not Applicable
Warwickshire County Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
Stratford-on-Avon District Council	May 2000	Not Applicable
Warwickshire County Council	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Midlands Region - Lower Severn Area	March 2003	Not Applicable
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	May 2012	Bi-Annually
Explosive Sites		
Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Cherwell District Council	April 2012	Annual Rolling Update
Stratford-on-Avon District Council	January 2012	Annual Rolling Update
Warwickshire County Council	July 2007	Annual Rolling Update
Oxfordshire County Council	September 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Cherwell District Council	April 2012	Annual Rolling Update
Stratford-on-Avon District Council	January 2012	Annual Rolling Update
Warwickshire County Council	July 2007	Annual Rolling Update
Oxfordshire County Council	September 2011	Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2012	Bi-Annually
	7,5111 2012	Di / tillidaliy
Brine Compensation Area	August 2011	Not Applicable
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards	,	,
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards	. 52.44.7 25.1	7
British Geological Survey - National Geoscience Information Service	February 2011	Annually
<i>,</i>	1 Oblidary 2011	Allitually
Potential for Landslide Ground Stability Hazards	Echmican 2011	Assumbly
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
		1

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	May 2012	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	May 2012	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt		
Cherwell District Council	August 2012	As notified
Stratford-on-Avon District Council	August 2012	As notified
Areas of Unadopted Green Belt		
Cherwell District Council	August 2012	As notified
Stratford-on-Avon District Council	August 2012	As notified
Areas of Outstanding Natural Beauty		
Natural England	July 2012	Bi-Annually
Environmentally Sensitive Areas		
Natural England	February 2012	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2012	Bi-Annually
Marine Nature Reserves		
Natural England	August 2012	Bi-Annually
National Nature Reserves		
Natural England	February 2012	Bi-Annually
National Parks		
Natural England	August 2012	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Annually
Ramsar Sites		
Natural England	August 2012	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2012	Bi-Annually
Special Areas of Conservation		
Natural England	August 2012	Bi-Annually
Special Protection Areas		
Natural England	August 2012	Bi-Annually



# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Cordnance Survey®
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA
The Coal Authority	COAL AUTHORITY
British Geological Survey	British Geological Survey  NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology  NATURAL ENVIRONMENT RESEARCH COUNCIL
Countryside Council for Wales	CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE WASA
Natural England	NATURAL ENGLAND
Health Protection Agency	Health Protection Agency
Ove Arup	ARUP
Peter Brett Associates	peterbrett



### **Useful Contacts**

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	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
3	British Geological Survey - Enquiry Service  British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	Landmark Information Group Limited 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
5	Natural England  Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
6	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)  Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
7	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
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

41035229\_1\_1

**Customer Reference:** 

WM10671

**National Grid Reference:** 

446100, 238500

Slice:

В

Site Area (Ha):

50.33

Search Buffer (m):

1000

**Site Details:** 

Site at 444730, 238510

### **Client Details:**

Miss L Wood Wardell Armstrong LLP Thynne Court Thynne Street West Bromwich West Midlands B70 6PH







Report Section	Page Number
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Waste	4
Hazardous Substances	-
Geological	5
Industrial Land Use	9
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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 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 the attached 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 v47.0



### **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				2
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 1				2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 1				Yes
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters	pg 1				1
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 2	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 2	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
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 Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					



### **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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					
Geological					
BGS 1:625,000 Solid Geology	pg 5	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 5	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			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 7	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 7	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 8	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 8	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 8	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 9			3	19
Fuel Station Entries	pg 10				2



### **Summary**

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 12	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					



# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Wykham Lane Environment Agency, Thames Region Not Supplied Temp.2319 1 2nd November 1989 2nd November 1989 25th November 1997 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Sor Brook Authorisation revokedRevoked Located by supplier to within 100m	B5SW (SW)	518	1	445900 238100
2	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Thames Water Utilities Ltd Sewerage Network - Pumping Station - Water Company Malthouse Lane Environment Agency, Thames Region Not Supplied Temp.1442 1 2nd November 1989 2nd November 1989 2sth November 1997 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  Sor Brook Authorisation revokedRevoked Located by supplier to within 100m	B1NW (S)	715	1	445900 237800
3	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Jay Bee Motors Oxford Road, BANBURY, Oxfordshire, OX17 3HL Cherwell District Council, Environmental Health Department CDC/WOB/008 24th February 1993 Local Authority Air Pollution Control PG1/1Waste oil burners, less than 0.4MW net rated thermal input Authorisation revokedRevoked Manually positioned to the address or location	B5NE (E)	685	2	446174 238497
4	Name: Location: Authority: Permit Reference: Dated: Process Type: Description: Status:	Banbury Service Station Oxford Road, Bodicote, BANBURY, Oxfordshire, OX15 4AB Cherwell District Council, Environmental Health Department CDC/98/07 21st December 1998 Local Authority Air Pollution Control PG1/14 Petrol filling station Authorised Manually positioned to the address or location	B5NE (SE)	730	2	446211 238452
	Nearest Surface Wa	ter Feature	B5SE (S)	825	-	446246 238137
5	Location: Prosecution Text:  Prosecution Act: Hearing Date: Verdict: Fine: Cost:	ing to Controlled Waters  River Cherwell, River Cherwell, Bodicote, BANBURY, Oxfordshire, OX15 4BN Charged For Disposing Of Unleaded Fuel In A Manner Likely To Cause Harm To The Environment Or Human Health. The Fuel Entered The Watercourse Via A Storm Drain. Wra91 13th July 2000 Guilty 1000 500 Manually positioned to the road within the address or location	B5SW (S)	604	1	446032 238196



# **Agency & Hydrological**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Thames Water Utilities Ltd 28/39/14/0234 100 Bodicote Pumping Station - Sor Brook Environment Agency, Thames Region Public Water Supply: Potable Water Supply - Direct Water may be abstracted from a single point Surface 4546 1663836 Not Supplied 01 January 31 December 18th February 1994 Not Supplied Located by supplier to within 100m	(S)	1371	1	446000 237100
	Water Abstractions					
		Mr R Bratt 28/39/14/0314 100 Cotefield Farm, Bodicate, Banbury, Oxon Environment Agency, Thames Region Agricultural Vegetable Wash Water may be abstracted from a single point Groundwater 109 20000 Middle Lias 01 January 31 December 9th July 1992 Not Supplied Located by supplier to within 100m	B2SW (SE)	1599	1	446800 237500
	Groundwater Vulne Soil Classification: Map Sheet:	Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Sheet 30 Northern Cotswolds	B5NW (NW)	0	1	446103 238505
	Scale:	1:100,000				
	Groundwater Vulne Soil Classification: Map Sheet: Scale:	rability  Soils of Intermediate Leaching Potential (I1) - Soils which can possibly transmit a wide range of pollutants Sheet 30 Northern Cotswolds 1:100,000	B5NW (W)	0	1	445922 238515
	Groundwater Vulne	rability				
	Soil Classification: Map Sheet: Scale:	Not classified Sheet 30 Northern Cotswolds 1:100,000	B5SW (SW)	0	1	445890 238214
	<b>Drift Deposits</b> None					
	Bedrock Aquifer De Aquifer Desination:	signations Secondary Aquifer - A	B5NW (NW)	0	3	446103 238505
	<b>Bedrock Aquifer De</b> Aquifer Desination:	_	(W)	0	3	445329 238730
	Bedrock Aquifer De	signations				
		Secondary Aquifer - Undifferentiated	B5SW (SW)	0	3	445897 238239
	Superficial Aquifer I No Data Available					
	Extreme Flooding from None	rom Rivers or Sea without Defences				
		rs or Sea without Defences				
	Areas Benefiting fro	om Flood Defences				
	Flood Water Storage	e Areas				



# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences				
	None				

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### Waste

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	2	446103 238505
	Local Authority Landfill Coverage				
	Name: Oxfordshire County Council - Has supplied landfill data		0	7	446103 238505





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Description:	d Geology Middle Lias	B5NW (NW)	0	3	446103 238505
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	B5NW (W)	0	4	446000 238505
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg <150 mg/kg >100 mg/kg	B5SW (SW)	0	4	445897 238238
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil >120 mg/kg <1.8 mg/kg >180mg/kg	B9SW (N)	255	4	446000 239000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	B9SW (N)	292	4	446000 238884
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	B1NW (S)	355	4	445929 238000
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg <1.8 mg/kg >180mg/kg	B5NW (NW)	503	4	446103 238505





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B9SW (N)	576	4	446103 238883
	Concentration: Cadmium Concentration: Chromium Concentration:	<1.8 mg/kg >180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 80 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B1NW (S)	597	4	446000 238000
	Cadmium Concentration: Chromium	<1.8 mg/kg >180mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	(S)	617	4	445777 237649
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B9SW (N)	640	4	446103 239000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	80 - 100 mg/kg				
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil	B1NW (S)	655	4	446103 238000
	Arsenic Concentration: Cadmium	60 - 120 mg/kg <1.8 mg/kg				
	Concentration: Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	80 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B13SW (N)	667	4	446000 239368
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg >100 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B9SE (N)	833	4	446233 239000
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	80 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 60 - 120 mg/kg	B9SE (NE)	836	4	446421 238880
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	80 - 100 mg/kg				
	BGS Estimated Soil					
	Source: Soil Sample Type:	British Geological Survey, National Geoscience Information Service Rural Soil	B9SE (NE)	964	4	446462 238804
	Arsenic Concentration:	60 - 120 mg/kg	(142)			200004
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	>180mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 80 - 100 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	B13SW (N)	983	4	446000 239494
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	90 - 120 mg/kg				
	Lead Concentration: Nickel Concentration:	<150 mg/kg 30 - 45 mg/kg				
	BGS Measured Urb	an Soil Chemistry				
	BGS Urban Soil Che	emistry Averages				
	Coal Mining Affecte	not be affected by coal mining				
	-	eas of Great Britain				
		sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505
	Potential for Compi Hazard Potential: Source:	ressible Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505
		d Dissolution Stability Hazards	(1117)			230030
		lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505
	Potential for Runnin Hazard Potential: Source:	ng Sand Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505



# Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	B5SW (SW)	0	3	445897 238239
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	Full radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a radon affected area, as between 10 and 30% of homes are above the action level British Geological Survey, National Geoscience Information Service	B5NW (NW)	0	3	446103 238505

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### **Industrial Land Use**

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Bee Man Services 3, Ashcroft Road, Banbury, Oxfordshire, OX16 9DU  Domestic Appliances - Servicing, Repairs & Parts  Active  Automatically positioned to the address	B9SW (NW)	398	-	445847 238793
6	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Bee Man Services 3, Ashcroft Road, Banbury, Oxfordshire, OX16 9DU Washing Machines - Servicing & Repairs Inactive Automatically positioned to the address	B9SW (NW)	398	-	445847 238793
7	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Quartz Link 21, Cedar Close, Banbury, Oxfordshire, OX16 9HE Engineering Materials Active Automatically positioned to the address	B5NW (W)	399	-	445886 238512
8	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Smarti Pants Ironing Services 58, Elton Road, Banbury, Oxfordshire, OX16 9UB Ironing & Home Laundry Services Active  Automatically positioned to the address	B9SW (N)	645	-	446024 238977
8	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Bubbles 58, Elton Road, Banbury, Oxfordshire, OX16 9UB Carpet, Curtain & Upholstery Cleaners Active Automatically positioned to the address	B9SW (N)	645	-	446024 238977
8	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Bubbles Domestic & Commercial Cleaning Services 58, Elton Road, Banbury, Oxfordshire, OX16 9UB Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	B9SW (N)	645	-	446024 238977
9	Contemporary Trad Name: Location: Classification: Status:		B5NE (E)	686	-	446175 238497
10	Contemporary Trad Name: Location: Classification: Status:		B9SW (N)	702	-	446159 238837
11	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Banbury Service Station Oxford Road, Bodicote, Banbury, Oxfordshire, OX15 4AB Petrol Filling Stations - 24 Hour Inactive Manually positioned to the address or location	B5NE (SE)	730	-	446211 238452
12	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Heirloom Antique Restoration High St, Bodicote, Banbury, Oxfordshire, OX15 4BX Antiques - Repairing & Restoring Active  Manually positioned within the geographical locality	B1NW (S)	743	-	445989 237844
13	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  T & P Motors Chapel Lane, Bodicote, Banbury, Oxfordshire, OX15 4DB Garage Services Inactive Automatically positioned to the address	B1NW (S)	768	-	446102 237949
13	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  T & P Motors Chapel La, Bodicote, Banbury, Oxfordshire, OX15 4DB Garage Services Active Manually positioned to the road within the address or location	B1NW (S)	786	-	446112 237932



### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  J P Lifting Ltd  32, Park End, Bodicote, Banbury, Oxfordshire, OX15 4DF  Crane Hire, Sales & Service  Active  Automatically positioned to the address	B5SE (SE)	785	-	446233 238268
15	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  A Simple Solution  42, Longleat Close, Banbury, Oxfordshire, OX16 9TG Ironing & Home Laundry Services  Active  Automatically positioned to the address	B9NE (N)	848	-	446226 239036
16	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries I Tec Independent Technicians Ltd 81, Chatsworth Drive, Banbury, Oxfordshire, OX16 9YJ Optical Goods - Manufacturers Inactive Automatically positioned to the address	B9NE (N)	868	-	446169 239154
17	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Kestrel Warranty Services 9, Park End, Bodicote, Banbury, Oxfordshire, OX15 4DF Refrigerators & Freezers - Servicing & Repairs Inactive Automatically positioned to the address	B5SE (SE)	903	-	446324 238131
18	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Car Medic 17, Arbury Close, Banbury, Oxfordshire, OX16 9TE Air Conditioning Equipment & Systems Inactive Automatically positioned to the address	B9SE (NE)	944	-	446420 238803
19	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries  Furniture Doc  4, Broad End, Bodicote, Banbury, Oxfordshire, OX15 4QW Furniture - Repairing & Restoring Active  Automatically positioned to the address	B5SE (SE)	965	-	446396 238169
19	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Furniture Doc 4, Broad End, Bodicote, Banbury, Oxfordshire, OX15 4QW Furniture - Repairing & Restoring Inactive Automatically positioned to the address	B5SE (SE)	965	-	446396 238169
20	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	A1 Egg Packers Ltd 34, The Rydes, Bodicote, BANBURY, Oxfordshire, OX15 4EJ Packaging & Wrapping Equipment & Supplies Active Automatically positioned to the address	B1NE (S)	976	-	446290 237859
21	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Roger Gooding 6, Kedleston Rise, Banbury, Oxfordshire, OX16 9TX Copying & Duplicating Services Active Automatically positioned to the address	B9SE (NE)	994	-	446460 238850
22	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	Radiant Installs St. Tropez, East Street, Bodicote, Banbury, Oxfordshire, OX15 4EB Under Floor Heating Active Automatically positioned to the address	B1NE (S)	999	-	446245 237752
23	Fuel Station Entries Name: Location: Brand: Premises Type: Status:		B9SW (NW)	523	-	445940 238881



### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Fuel Station Entries	•				
24	Name: Location: Brand: Premises Type: <b>Status:</b> Positional Accuracy:	Banbury Otr Service Station Oxford Road, Bodicote, Banbury, Oxfordshire, OX15 4AB ESSO Petrol Station Open Manually positioned to the address or location	B5NE (SE)	730	-	446211 238452

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### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
25	Name: Description: Source:	Not Supplied NVZ Area Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	B5NW (NW)	0	6	446103 238505

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
South Northamptonshire Council - Environment Division	July 2012	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	June 2012	Quarterly
Environment Agency - Thames Region	June 2012	Quarterly
Integrated Pollution Controls		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
ntegrated Pollution Prevention And Control		11 11 11 11 11 11 11 11 11 11 11 11 11
Environment Agency - Anglian Region	April 2012	Quarterly
Environment Agency - Anglian Region	April 2012 April 2012	Quarterly
	April 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2012	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Cherwell District Council - Environmental Health Department	February 2012	Annual Rolling Update
South Northamptonshire Council - Environmental Health Department	February 2012	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	December 2011	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Anglian Region	September 1999	Not Applicable
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Anglian Region	June 2012	Monthly
Environment Agency - Thames Region	June 2012	Monthly
Prosecutions Relating to Controlled Waters	0 0.110 20 12	
Environment Agency - Anglian Region	June 2012	Monthly
Environment Agency - Anglian Region	June 2012	Monthly
<u> </u>	Julie 2012	Wioritrily
Registered Radioactive Substances		
Environment Agency - Anglian Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2011	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2011	Annually
Substantiated Pollution Incident Register	,	<u> </u>
Environment Agency - Anglian Region - Northern Area	April 2012	Quarterly
Environment Agency - Thames Region - West Area	April 2012	Quarterly
	pm 2012	
Water Abstractions Environment Agency - Anglian Region	July 2012	Quarterly

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Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals		
Environment Agency - Anglian Region	April 2012	Quarterly
Environment Agency - Thames Region	April 2012	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones		
Environment Agency - Head Office	July 2012	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	July 2012	Quarterly
Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
listorical Landfill Sites		
Environment Agency - Anglian Region - Northern Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
ntegrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	October 2008	Not Applicable
Environment Agency - Thames Region	October 2008	Not Applicable
icensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
icensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	July 2012	Quarterly
Environment Agency - Thames Region - West Area	July 2012	Quarterly
ocal Authority Landfill Coverage		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
ocal Authority Recorded Landfill Sites		
Cherwell District Council - Environmental Health Department	May 2000	Not Applicable
Northamptonshire County Council	May 2000	Not Applicable
Oxfordshire County Council	May 2000	Not Applicable
South Northamptonshire Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	March 2003	Not Applicable
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	May 2012	Bi-Annually
Explosive Sites		
Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
•		
Planning Hazardous Substance Enforcements Cherwell District Council	April 2012	Annual Polling Under
South Northamptonshire Council	April 2012 April 2012	Annual Rolling Updat Annual Rolling Updat
South Northamptonshire Council  Northamptonshire County Council	November 2011	Annual Rolling Updat  Annual Rolling Updat
Oxfordshire County Council	September 2011	Annual Rolling Updat
·	September 2011	Aimai Noming Opuat
lanning Hazardous Substance Consents	April 2012	Applied Dolling Linds
Chanvall District Council	40017117	Annual Rolling Updat
	-	
Cherwell District Council  South Northamptonshire Council  Northamptonshire County Council	April 2012 April 2012 November 2011	Annual Rolling Update Annual Rolling Update

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Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2012	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		2
Thomson Directories	May 2012	Quarterly
Fuel Station Entries	14 2242	
Catalist Ltd - Experian	May 2012	Quarterly