

# **APPENDIX FOUR**

# **ENVIROCHECK REPORT**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

324721496\_1\_1

**Customer Reference:**

18625

**National Grid Reference:**

533490, 208460

**Slice:**

A

**Site Area (Ha):**

0.34

**Search Buffer (m):**

1000

#### Site Details:

Monks Green Farm

Mangrove Lane

BRICKENDON

SG13 8QL

#### Client Details:

Mr C Gray

Herts & Essex Site Investigations

Unit J8, Peek Business Park

Woodside

Bishops Stortford

Hertfordshire

CM23 5RG

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	19
Sensitive Land Use	21
Data Currency	22
Data Suppliers	29
Useful Contacts	30

### Introduction

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

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### Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		3	1	14
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters	pg 6				2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register	pg 6				2
River Quality Chemistry Sampling Points					
Water Abstractions	pg 6				(*16)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 10	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a	n/a	n/a
Source Protection Zones	pg 11	1			
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 11		5	4	26

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 16	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)					
Potentially Infilled Land (Water)	pg 16				2
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes		Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 17	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 17	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 19		5		3
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 19		3		4
Points of Interest - Public Infrastructure	pg 20				2
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 21	1	1	2	1
Areas of Adopted Green Belt	pg 21	1			
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 21	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 21		1		
Special Areas of Conservation	pg 21		1		
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	0	1	533487 208459
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	9	1	533487 208400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	63	1	533400 208400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	88	1	533400 208550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	108	1	533350 208450
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	175	1	533300 208350
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	264	1	533750 208600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	312	1	533700 208750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	352	1	533700 208800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	465	1	533900 208750
1	<b>Discharge Consents</b> Operator: Mr William Ashley Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Hatch Grove Monks Green Farm Near Hertford Hertfordshire Sg13 8ql Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Epryp3423gl Permit Version: 2 Effective Date: 4th June 2013 Issued Date: 4th June 2013 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Leading To Spittle Brook <b>Status: Varied under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	8	2	533516 208418
1	<b>Discharge Consents</b> Operator: Mr William Ashley Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Hatch Grove Monks Green Farm Near Hertford Hertfordshire Sg13 8ql Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Epryp3423gl Permit Version: 1 Effective Date: 8th November 2012 Issued Date: 8th November 2012 Revocation Date: 3rd June 2013 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Leading To Spittle Brook <b>Status: New issued under EPR 2010</b> Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	8	2	533516 208418



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p><b>Discharge Consents</b></p> <p>Operator: P &amp; W Ashley  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Monks Green Farm, Monks Green, Near Hertford, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTM.0362  Permit Version: 1  Effective Date: 29th June 1992  Issued Date: 29th June 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Onto Land  Environment:  Receiving Water: Pebble Gravels  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A13NW (W)	107	2	533360 208480
3	<p><b>Discharge Consents</b></p> <p>Operator: William Ashley  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Monks Green Farm Monks Green Nr Hertford Hertfordshire Hertfordshire Sg13 8ql  Authority: Environment Agency, Thames Region  Catchment Area: Lee-mimram / Stort  Reference: Canm.1022  Permit Version: 1  Effective Date: 6th December 2005  Issued Date: 24th January 2006  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: To Drainage Ditch  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	441	2	533532 208949
4	<p><b>Discharge Consents</b></p> <p>Operator: Mr. N. Wilton  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Swards Farm, Brickendon Lane, Brickendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.2450  Permit Version: 1  Effective Date: 28th August 1996  Issued Date: 28th August 1996  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofsewards Ditch  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	576	2	532920 208660
5	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs Menhinick  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Freedom Farm Mobile Home Freedom Farm Mangrove Lane Herford Hertfordshire Sg13 8qj  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.3245  Permit Version: 1  Effective Date: 14th May 1998  Issued Date: 14th May 1998  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of The Brickendon Brook  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Manually corrected supplier location</p>	A19SW (NE)	774	2	534100 209000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p><b>Discharge Consents</b></p> <p>Operator: Mrs Ann Reay  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Dalmonds Farm Mangrove Lane Hertford Herts Sg13 8qj  Authority: Environment Agency, Thames Region  Catchment Area: Lee-mimram / Stort  Reference: Canm.0297  Permit Version: 1  Effective Date: 7th August 2001  Issued Date: 13th August 2001  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Brickendon Brook  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	801	2	534110 209030
6	<p><b>Discharge Consents</b></p> <p>Operator: Mrs. A. Reay  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Two Houses, Jepps Farm, Mangrove Lane, Hertford, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CATM.2887  Permit Version: 1  Effective Date: 20th May 1997  Issued Date: 20th May 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofthe Spitalbrook  <b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	781	2	534140 208960
6	<p><b>Discharge Consents</b></p> <p>Operator: H J Brooks &amp; Sons  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Jepps Farm, Mangrove Lane, Hertford, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTM.1818  Permit Version: 1  Effective Date: 28th April 1995  Issued Date: 28th April 1995  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofthe Spitalbrook  <b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	801	2	534150 208980
6	<p><b>Discharge Consents</b></p> <p>Operator: H.J. Brooks And Sons Partnership  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: 1 Property At Jepps Farm Jepps Farm Mangrove Lane Hertford Herts Sg13 8qj  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Ephrp3828gm  Permit Version: 1  Effective Date: 17th March 2011  Issued Date: 17th March 2011  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Spital Brook  <b>Status:</b> <b>New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	814	2	534148 209004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p><b>Discharge Consents</b></p> <p>Operator: H.J. Brooks And Sons Partnership  Property Type: Domestic Property (Single)  Location: Sewage Treatment Plant Serving 1 Pr Jepps Farm Mangrove Lane Hertford Herts Sg13 8jq  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Source / Mimram  Reference: Epr/Hp3828gm  Permit Version: 1  Effective Date: 17th March 2011  Issued Date: 17th March 2011  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of Spital Brook  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	814	2	534148 209004
7	<p><b>Discharge Consents</b></p> <p>Operator: Mrs Anne Reay  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Jepps Bungalow Jepps Farm . Mangrove Lane Hertfordshire Sg13 8jq  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Eprlb3091nc  Permit Version: 1  Effective Date: 27th September 2019  Issued Date: 27th September 2019  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Of Spital Brook  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	829	2	534202 208953
8	<p><b>Discharge Consents</b></p> <p>Operator: Rainbow Developments Limited  Property Type: Undefined Or Other  Location: Highfield Farm, Goose Green, Near Hertford, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTM.0680  Permit Version: 1  Effective Date: 29th January 1993  Issued Date: 29th January 1993  Revocation Date: 27th August 2003  Discharge Type: Trade Effluent  Discharge: Onto Land/Into Watercourse  Environment:  Receiving Water: Tributary Ofthe Spitalbrook  <b>Status: New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	870	2	534360 208660
9	<p><b>Discharge Consents</b></p> <p>Operator: Highfield Farm (Mews) Management Ltd  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Highfield Farm Mangrove Lane Brickendon Hertfordshire Hertfordshire Sg13 8qj  Authority: Environment Agency, Thames Region  Catchment Area: Lee-Stort / Thames  Reference: Canm.1052  Permit Version: 1  Effective Date: 11th January 2006  Issued Date: 25th January 2006  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: To Trib Of Spital Brook  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	905	2	534375 208749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p><b>Discharge Consents</b></p> <p>Operator: Ms. C Mercer  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Swards &amp; Old Swards Cottages,Brickendon Lane, Brickendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTW.0118  Permit Version: 2  Effective Date: 20th January 1992  Issued Date: 19th October 1989  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofbayford Brook  <b>Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	932	2	532560 208680
10	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs G Freeman  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Swards &amp; Old Swards Cottages,Brickendon Lane, Brickendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cntw.0118  Permit Version: 2  Effective Date: 20th January 1992  Issued Date: 19th October 1989  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofbayford Brook  <b>Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	932	2	532560 208680
10	<p><b>Discharge Consents</b></p> <p>Operator: Ms. C Mercer  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Swards &amp; Old Swards Cottages,Brickendon Lane, Brickendon, Hertfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cntw.0118  Permit Version: 1  Effective Date: 19th October 1989  Issued Date: 19th October 1989  Revocation Date: 19th January 1992  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Tributary Ofbayford Brook  <b>Status: Transferred from Water Act 1989</b>  Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	932	2	532560 208680
11	<p><b>Discharge Consents</b></p> <p>Operator: Merial Animal Health Ltd.  Property Type: Arable Farming  Location: Highfield Farm Mangrove Lane Hertford Hertfordshire Sg13 8qj  Authority: Environment Agency, Thames Region  Catchment Area: Lee-mimram / Stort  Reference: Cang.0020  Permit Version: 1  Effective Date: 15th February 2000  Issued Date: 15th March 2000  Revocation Date: 4th February 2003  Discharge Type: Trade Discharge - Agricultural And Surface  Discharge: Onto Land  Environment:  Receiving Water: Not Supplied  <b>Status: Groundwater Regulations Authorisation (by Application or Full Determination of Deemed Authorisation)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	941	2	534420 208720
	<p><b>Nearest Surface Water Feature</b></p>	A13NW (NW)	60	-	533439 208553

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: BRICKENDON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 4th January 1990 Incident Reference: NE900007 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	876	2	532600 208250
12	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: BRICKENDON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 17th December 1992 Incident Reference: NE920695 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	887	2	532600 208200
13	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - Thames Region, North East Area Incident Date: 23rd May 2019 Incident Reference: 1704199 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material Pollutant: Inert Materials And Wastes: Soils And Clay Pollutant: Specific Waste Materials: Tyres	A19SE (NE)	885	2	534229 209014
13	<b>Substantiated Pollution Incident Register</b> Authority: Environment Agency - Thames Region, North East Area Incident Date: 3rd June 2019 Incident Reference: 1707023 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material	A19SE (NE)	914	2	534264 209014
	<b>Water Abstractions</b> Operator: Danemead Management Committee Licence Number: 29/38/08/0110 Permit Version: 100 Location: Danemead Scout Camp Authority: Environment Agency, Thames Region Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): 927 Details: Danemead Scout Camp, Danemead Wood, Brickendon Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 26th October 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	1210	2	534300 207500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Danemead Management Committee            Licence Number: 29/38/08/0110            Permit Version: 101            Location: Briar Cottage, Broxbourne Common- Borehole            Authority: Environment Agency, Thames Region            Abstraction: Holiday Sites; Camp Sites And Tourist Attractions: Drinking; Cooking; Sanitary; Washing; (Small Garden)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Briar Cottage, Broxbourne Common, Broxbourne, Hertfordshire.            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 6th July 2004            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A9SE (SE)	1230	2	534330 207500
	<p><b>Water Abstractions</b></p> <p>Operator: A St Johnston &amp; C Vaughan            Licence Number: 29/38/08/0047            Permit Version: 100            Location: Pembridge Lane Farm            Authority: Environment Agency, Thames Region            Abstraction: General Farming And Domestic            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): 2            Yearly Rate (m3): 455            Details: Pembridge Lane Farm, Broxbourne Woods, Near Bayford, Herts            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 9th October 1980            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	A3SW (S)	1512	2	533400 206900
	<p><b>Water Abstractions</b></p> <p>Operator: Paradise Wildlife Park Limited            Licence Number: 29/38/08/0259            Permit Version: 1            Location: Paradise Wildlife Park, Broxbourne- Borehole            Authority: Environment Agency, Thames Region            Abstraction: Zoos/Kennels/Stables: Animal Watering &amp; General Use (Non Agricultural)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: White Stubbs Lane, Broxbourne, Herts.            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 2nd April 2003            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A4SW (S)	1554	2	533940 206920
	<p><b>Water Abstractions</b></p> <p>Operator: Paradise Wildlife Park Limited            Licence Number: Th/038/0008/011/R01            Permit Version: 1            Location: Paradise Wildlife Park, Broxbourne- Borehole            Authority: Environment Agency, Thames Region            Abstraction: Zoos/Kennels/Stables: Animal Watering &amp; General Use (Non Agricultural)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Paradise Wildlife Park, White Stubbs Lane, Broxbourne, Hertfordshire.            Authorised Start: 01 April            Authorised End: 31 March            Permit Start Date: 1st April 2019            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A4SW (S)	1560	2	533940 206914



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Paradise Wildlife Park Limited  Licence Number: Th/038/0008/011  Permit Version: 1  Location: Paradise Wildlife Park, Broxbourne- Borehole  Authority: Environment Agency, Thames Region  Abstraction: Zoos/Kennels/Stables: Animal Watering &amp; General Use (Non Agricultural)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Paradise Wildlife Park, White Stubbs Lane, Broxbourne, Hertfordshire.  Authorised Start: 01 April  Authorised End: 31 March  Permit Start Date: 13th June 2013  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4SW (S)	1560	2	533940 206914
	<p><b>Water Abstractions</b></p> <p>Operator: Paradise Wildlife Park Limited  Licence Number: 29/38/08/0262  Permit Version: 1  Location: Paradise Wildlife Park, Broxbourne- Borehole  Authority: Environment Agency, Thames Region  Abstraction: Zoos/Kennels/Stables: Animal Watering &amp; General Use (Non Agricultural)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Paradise Wildlife Park, White Stubbs Lane, Broxbourne, Hertfordshire.  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2008  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A4SW (S)	1652	2	533980 206830
	<p><b>Water Abstractions</b></p> <p>Operator: M And A Knight  Licence Number: 29/38/08/0239  Permit Version: 100  Location: Broxbourne, Herts  Authority: Environment Agency, Thames Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 7  Yearly Rate (m3): 909  Details: Shown On Map Enclosed With Licence  Authorised Start: 01 April  Authorised End: 31 December  Permit Start Date: 19th December 1993  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A10SE (SE)	1789	2	535100 207600
	<p><b>Water Abstractions</b></p> <p>Operator: Trustees Brickendon Grange Golf Club  Licence Number: 29/38/01/0102/R01  Permit Version: 1  Location: Brickendon Grange Golf Club- Borehole  Authority: Environment Agency, Thames Region  Abstraction: Golf Courses: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Brickendon Grange Golf Club, Pembridge Lane, Brickendon  Authorised Start: 01 April  Authorised End: 30 September  Permit Start Date: 1st April 2018  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A6SW (SW)	1816	2	531841 207599

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Trustees Brickendon Grange Golf Club            Licence Number: 29/38/01/0102            Permit Version: 1            Location: Brickendon Grange Golf Club- Borehole            Authority: Environment Agency, Thames Region            Abstraction: Golf Courses: Spray Irrigation - Direct            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Brickendon Grange Golf Club, Pembridge Lane, Brickendon, Hertfordshire.            Authorised Start: 01 April            Authorised End: 30 September            Permit Start Date: 1st April 2008            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A6SW (SW)	1816	2	531841 207599
	<p><b>Water Abstractions</b></p> <p>Operator: Trustees Brickendon Grange Golf Club            Licence Number: 29/38/01/0094            Permit Version: 1            Location: Brickendon Grange Golf Club            Authority: Environment Agency, Thames Region            Abstraction: Golf Courses: Spray Irrigation - Storage            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): Not Supplied            Yearly Rate (m3): Not Supplied            Details: Brickendon Grange Golf Club            Authorised Start: 01 April            Authorised End: 30 September            Permit Start Date: 16th July 1999            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 10m</p>	A6SW (SW)	1852	2	531800 207600
	<p><b>Water Abstractions</b></p> <p>Operator: Malaysian Rubber Producers Research Association            Licence Number: 29/38/01/0070            Permit Version: 100            Location: The Tun Abdul Razak Laboratory Borehole            Authority: Environment Agency, Thames Region            Abstraction: Private Water Undertaking: General Use (Medium Loss)            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): 38            Yearly Rate (m3): 9092            Details: The Tun Abdul Razak Laboratory, Brickendonbury            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 1st April 2008            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	(NW)	1861	2	532700 210200
	<p><b>Water Abstractions</b></p> <p>Operator: Mr I T Menhinick            Licence Number: 29/38/01/0088            Permit Version: 100            Location: Borehole At Freedom Farm, Mangrove Lane, Hertford, Herts            Authority: Environment Agency, Thames Region            Abstraction: General Farming And Domestic            Abstraction Type: Water may be abstracted from a single point            Source: Groundwater            Daily Rate (m3): 20            Yearly Rate (m3): 5000            Details: Freedom Farm, Mangrove Lane, Hertford, Herts            Authorised Start: 01 January            Authorised End: 31 December            Permit Start Date: 9th August 1993            Permit End Date: Not Supplied            Positional Accuracy: Located by supplier to within 100m</p>	(N)	1914	2	533800 210400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Ms K Richards  Licence Number: 29/38/07/0171  Permit Version: 2  Location: Connaught House, The Roundings, Hertford Heath - Borehole  Authority: Environment Agency, Thames Region  Abstraction: Private Water Undertaking: Non-Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Connaught House, The Roundings, Hertford Heath  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2010  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1947	2	534550 210150
	<p><b>Water Abstractions</b></p> <p>Operator: Ms K Richards  Licence Number: 29/38/07/0171  Permit Version: 1  Location: Connaught House, The Roundings, Hertford Heath - Borehole  Authority: Environment Agency, Thames Region  Abstraction: Private Water Undertaking: Evaporative Cooling  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Connaught House, The Roundings, Hertford Heath  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st April 2008  Permit End Date: 31st March 2010  Positional Accuracy: Located by supplier to within 10m</p>	(NE)	1947	2	534550 210150
	<p><b>Water Abstractions</b></p> <p>Operator: Ltw Contractors Limited  Licence Number: 29/38/08/0230  Permit Version: 100  Location: Cock Lane  Authority: Environment Agency, Thames Region  Abstraction: Commercial/Industrial/Public Services: Drinking; Cooking; Sanitary; Washing; (Small Garden)  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): 2  Yearly Rate (m3): 364  Details: Lands Adjacent To Cock Lane As Shown On Map Attached To Licence  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 7th September 1979  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	(E)	1989	2	535400 207800
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability  Combined Vulnerability: Medium  Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer  Pollutant Speed: Low  Bedrock Flow: Mixed  Dilution: &lt;300 mm/year  Baseflow Index: &lt;40%  Superficial Patchiness: &lt;90%  Superficial Thickness: 3-10m  Superficial Recharge: Low</p>	A13NE (E)	0	3	533503 208460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: Low	A13SE (S)	0	3	533487 208459
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> None				
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Unproductive Strata	A13SE (S)	0	3	533487 208459
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SE (S)	0	3	533487 208459
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (E)	0	3	533503 208460
14	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13SE (S)	0	2	533487 208459
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 253.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	166	4	533629 208302
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 875.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	192	4	533694 208485
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	225	4	533295 208270

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 303.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	229	4	533302 208257
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 82.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	229	4	533302 208257
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 340.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SW (SW)	288	4	533220 208263
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 330.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	325	4	533540 208088
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 184.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	424	4	533520 208933
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 355.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	492	4	533286 207964
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 486.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	529	4	533368 207896
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 390.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	530	4	533383 207891
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 56.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	588	4	533488 209098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 201.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	588	4	533704 207860
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 547.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18NE (N)	644	4	533487 209154
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	669	4	532862 208773
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 504.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A9NW (SE)	692	4	533854 207816
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A9NW (SE)	692	4	533854 207816
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 544.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NW (SE)	715	4	533920 207831
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 459.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A9NW (SE)	715	4	533920 207831
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A19SE (NE)	840	4	534229 208930
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 328.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	879	4	534273 207982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	890	4	532597 208651
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	893	4	534251 207919
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 253.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A9NE (SE)	896	4	534306 208008
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 303.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	918	4	534289 207933
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 305.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	918	4	534289 207933
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 159.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	925	4	532542 208294
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 257.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9NE (SE)	942	4	534340 207973
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SE (S)	964	4	533617 207453
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 423.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A14SE (E)	965	4	534472 208448

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 177.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A8SE (S)	966	4	533617 207451
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spital Brook Catchment Name: Thames Primacy: 1	A8SE (S)	966	4	533617 207451
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 123.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	969	4	532861 209255
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NE (S)	981	4	533634 207438
49	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SE (W)	1000	4	532459 208428

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Hertfordshire County Council - Has supplied landfill data		0	5	533487 208459
	<b>Local Authority Landfill Coverage</b> Name: East Hertfordshire District Council - Has supplied landfill data		0	6	533487 208459
50	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1883	A12NW (NW)	746	-	532786 208791
51	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A19SW (NE)	856	-	534149 209071

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Thames Group	A13SE (S)	0	1	533487 208459
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	0	1	533487 208459
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NE (S)	409	1	533487 208000
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SW (NE)	699	1	534000 209000
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	533487 208459
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	98	1	533549 208594



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Affected Areas</b></p> <p>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SE (S)	0	1	533487 208459
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SE (S)	0	1	533487 208459

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<b>Contemporary Trade Directory Entries</b> Name: Any Old Iron Location: Mangrove La, Hertford, Hertfordshire, SG13 8QL Classification: Metal Finishing Services Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	75	-	533517 208582
53	<b>Contemporary Trade Directory Entries</b> Name: Linco Electrical Engineering Location: Monks Green Farm, Mangrove Lane, Hertford, SG13 8QL Classification: Electrical Engineers Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	94	-	533405 208568
53	<b>Contemporary Trade Directory Entries</b> Name: Advanced Facilities Mangment Location: Monks Green Farm, Mangrove Lane, Hertford, SG13 8QL Classification: Commercial Cleaning Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	94	-	533405 208568
53	<b>Contemporary Trade Directory Entries</b> Name: Any Old Iron Location: Monks Green Farm, Mangrove Lane, Hertford, SG13 8QL Classification: Metal Finishing Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (NW)	94	-	533405 208568
54	<b>Contemporary Trade Directory Entries</b> Name: Hertford Iron Polishers Location: Mangrove La, Hertford, Hertfordshire, SG13 8QL Classification: Metal Finishing Services Status: <b>Inactive</b> Positional Accuracy: Manually positioned to the road within the address or location	A13NE (N)	151	-	533528 208658
55	<b>Contemporary Trade Directory Entries</b> Name: Shuttercraft Ltd Location: Highfield Farmhouse, Mangrove Lane, Hertford, SG13 8QJ Classification: Blinds, Awnings & Canopies Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A14NE (E)	787	-	534248 208761
56	<b>Contemporary Trade Directory Entries</b> Name: Domestic Waste Services Location: Edwards Green Farm, Brickendon Lane, Brickendon, Hertford, SG13 8NT Classification: Waste Disposal Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	989	-	532724 209149
56	<b>Contemporary Trade Directory Entries</b> Name: Domestic Waste Services Location: Brickendon Lane, Brickendon, Hertford, Hertfordshire, SG13 8NT Classification: Waste Disposal Services Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A17NW (NW)	989	-	532724 209149
57	<b>Points of Interest - Manufacturing and Production</b> Name: Poultry Houses Location: SG13 Category: Farming Class Code: Poultry Farming, Equipment and Supplies Positional Accuracy: Positioned to address or location	A13NW (NW)	23	7	533448 208486
57	<b>Points of Interest - Manufacturing and Production</b> Name: Ashley Location: Rose Cottage, Mangrove Lane, Hertford, SG13 8QL Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A13NW (NW)	63	7	533425 208542
57	<b>Points of Interest - Manufacturing and Production</b> Name: William Ashley & Partners Location: Monks Green Farm, Mangrove Lane, Brickendon, SG13 8QL Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A13NW (NW)	94	7	533404 208566
58	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: SG13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	864	7	532625 208660

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: SG13 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	888	7	532853 209139
60	<b>Points of Interest - Manufacturing and Production</b> Name: Peters Location: Edwards Green Farm, Brickendon Lane, Brickendon, Hertford, SG13 8NT Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A17NW (NW)	989	7	532724 209149
60	<b>Points of Interest - Manufacturing and Production</b> Name: Peters Location: Edwards Green Farm, Brickendon Lane, Brickendon, SG13 8NT Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A17NW (NW)	989	7	532724 209149
61	<b>Points of Interest - Public Infrastructure</b> Name: Domestic Waste Services Location: Brickendon Lane, Brickendon, Hertford, SG13 8NT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17NW (NW)	989	7	532724 209149
61	<b>Points of Interest - Public Infrastructure</b> Name: Domestic Waste Services Location: Brickendon Lane, Brickendon, Hertford, SG13 8NT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A17NW (NW)	989	7	532724 209149

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>Ancient Woodland</b> Name: Box Wood Reference: 1116185 Area(m <sup>2</sup> ): 3137475.38 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	0	8	533509 208415
63	<b>Ancient Woodland</b> Name: Box Wood Reference: 1116185 Area(m <sup>2</sup> ): 3375479.9 Type: Plantation on Ancient Woodland	A13SE (S)	41	8	533511 208371
64	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1414166 Area(m <sup>2</sup> ): 2425.98 Type: Plantation on Ancient Woodland	A12SE (W)	359	8	533103 208373
65	<b>Ancient Woodland</b> Name: Monks Wood Reference: 1116175 Area(m <sup>2</sup> ): 19643.84 Type: Ancient and Semi-Natural Woodland	A18SE (N)	432	8	533513 208941
66	<b>Ancient Woodland</b> Name: Dalmonds Wood Reference: 1116182 Area(m <sup>2</sup> ): 113612.04 Type: Plantation on Ancient Woodland	A19SE (NE)	844	8	534208 208972
67	<b>Areas of Adopted Green Belt</b> Authority: East Hertfordshire District Council Plan Name: East Hertfordshire District Plan Status: <b>Adopted</b> Plan Date: 23rd October 2018	A13SE (S)	0	9	533487 208459
68	<b>Nitrate Vulnerable Zones</b> Name: Lee Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (S)	0	3	533487 208459
69	<b>Sites of Special Scientific Interest</b> Name: Wormley-Hoddesdonpark Woods North Multiple Areas: Y Total Area (m <sup>2</sup> ): 1443708.38 Source: Natural England Reference: 1002304 Designation Details: Nature Conservation Review Designation Date: 1st June 1986 Date Type: Notified Designation Details: National Nature Reserve Designation Date: 1st June 1986 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 1st June 1986 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st June 1986 Date Type: Notified	A13NE (N)	98	8	533525 208605
70	<b>Special Areas of Conservation</b> Name: Wormley-Hoddesdonpark Woods Multiple Areas: Y Total Area (m <sup>2</sup> ): 3359889.34 Source: Natural England Reference: UK0013696 Status: <b>Designated</b>	A13NE (N)	98	8	533525 208605

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> East Hertfordshire District Council - Environmental Health Department Environment Agency - Head Office Welwyn Hatfield District Council - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Epping Forest District Council - Environmental Health Department	January 2013 June 2020 October 2017 September 2017 September 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Thames Region	July 2023	Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Thames Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Thames Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region	January 2023 January 2023	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> East Hertfordshire District Council - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department Epping Forest District Council - Environmental Health Department	January 2014 March 2015 May 2012 May 2016	Variable Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> East Hertfordshire District Council - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department Epping Forest District Council - Environmental Health Department	January 2014 March 2015 May 2012 May 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> East Hertfordshire District Council - Environmental Health Department Broxbourne Borough Council - Environmental Health Department Welwyn Hatfield District Council - Environmental Health Department Epping Forest District Council - Environmental Health Department	January 2014 March 2015 May 2012 May 2016	Variable Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	September 2023	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Thames Region	September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Thames Region	July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Thames Region	March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Thames Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	July 2023 July 2023	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Thames Region	October 2023	Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Industry Act Referrals</b> Environment Agency - Thames Region	October 2017	
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Groundwater Vulnerability - Soluble Rock Risk</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	As notified
<b>Source Protection Zones</b> Environment Agency - Head Office	September 2022	Bi-Annually
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	February 2023	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	August 2023	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	August 2022	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	October 2023	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	May 2018	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Environment Agency - Head Office	July 2023	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Thames Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	July 2023 July 2023	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	January 2023 January 2023	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Broxbourne Borough Council East Hertfordshire District Council - Environmental Health Department Epping Forest District Council Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit Welwyn Hatfield District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Broxbourne Borough Council East Hertfordshire District Council - Environmental Health Department Epping Forest District Council Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit Welwyn Hatfield District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency - Thames Region - North East Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Thames Region - North East Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Thames Region - North East Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	March 2023	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Epping Forest District Council - Planning Services Broxbourne Borough Council Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit Welwyn Hatfield District Council East Hertfordshire District Council	April 2023 February 2016 February 2016 February 2016 June 2023 May 2023	Variable Variable Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> East Hertfordshire District Council Broxbourne Borough Council Epping Forest District Council - Planning Services Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit Welwyn Hatfield District Council	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable



Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	February 2023	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	October 2023	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2023	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Points of Interest - Commercial Services</b> PointX	September 2023	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2023	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2023	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2023	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2023	Quarterly
<b>Underground Electrical Cables</b> National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	April 2023	Bi-Annually
<b>Areas of Adopted Green Belt</b> Broxbourne Borough Council East Hertfordshire District Council Epping Forest District Council - Planning Services Welwyn Hatfield District Council	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Broxbourne Borough Council East Hertfordshire District Council Epping Forest District Council - Planning Services Welwyn Hatfield District Council	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	November 2023	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	August 2023	
<b>Forest Parks</b> Forestry Commission	May 2023	Not Applicable
<b>Local Nature Reserves</b> Natural England	August 2023	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	October 2023	Bi-Annually
<b>National Nature Reserves</b> Natural England	August 2023	Bi-Annually
<b>National Parks</b> Natural England	February 2018	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2023	Not Applicable
<b>Nitrate Vulnerable Zones</b> Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
<b>Ramsar Sites</b> Natural England	October 2023	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	November 2023	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	October 2023	Bi-Annually
<b>Special Protection Areas</b> Natural England	October 2023	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	<b>Hertfordshire County Council - Spatial Planning and Economy Unit</b> County Hall, Hertford, Hertfordshire, SG13 8DN	Telephone: 01992 556266 Fax: 01992 556015 Email: spatialplanning@hertfordshire.gov.uk Website: www.hertsdirect.org
6	<b>East Hertfordshire District Council - Environmental Health Department</b> Wallfields, Pegs Lane, Hertford, Hertfordshire, SG13 8EQ	Telephone: 01992 531491 Website: www.eastherts.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	<b>East Hertfordshire District Council</b> Wallfields, Pegs Lane, Hertford, Hertfordshire, SG13 8EQ	Telephone: 01279 655261 Fax: 01992 552280 Website: www.eastherts.gov.uk
10	<b>Broxbourne Borough Council</b> Bishop's College, Churchgate, Cheshunt, Waltham Cross, Hertfordshire, EN8 9XQ	Telephone: 01992 631921 Fax: 01992 639391 Website: www.broxbourne.gov.uk
11	<b>Welwyn Hatfield District Council</b> Council Offices, Campus East, Welwyn Garden City, Hertfordshire, AL8 6AE	Telephone: 01707 357000 Fax: 01707 375490 Website: www.welhat.gov.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

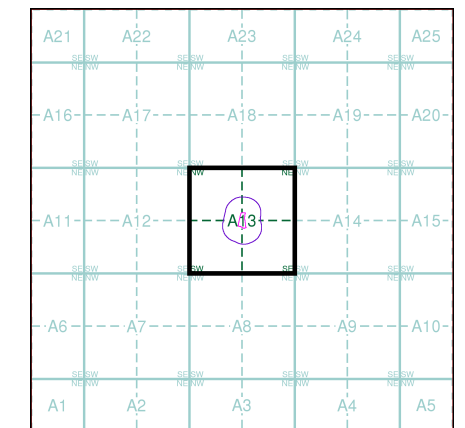
## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13

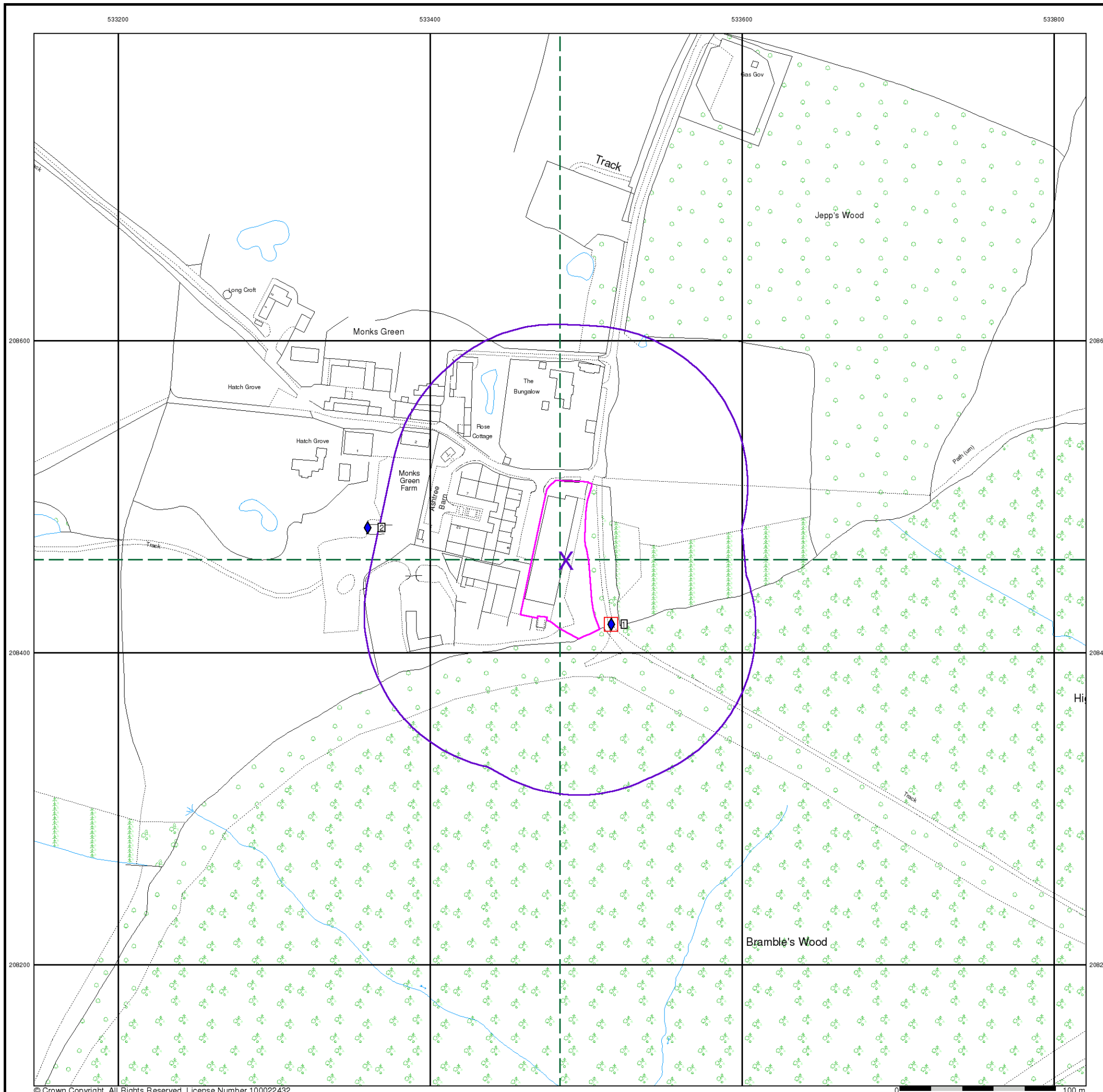


## Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Plot Buffer (m): 100

## Site Details

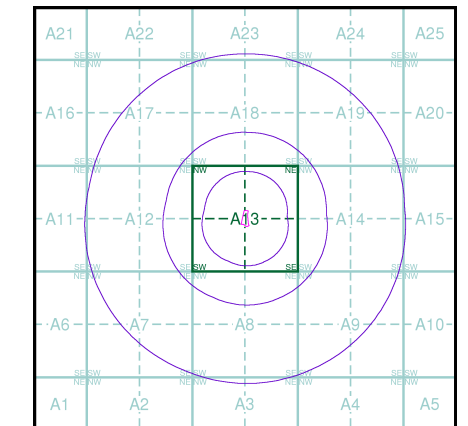
Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL





- General**
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  - Specified Buffer(s)
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  - Map ID
  - Several of Type at Location
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  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Local Authority Pollution Prevention and Control Enforcement
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  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

## Site Sensitivity Map - Slice A

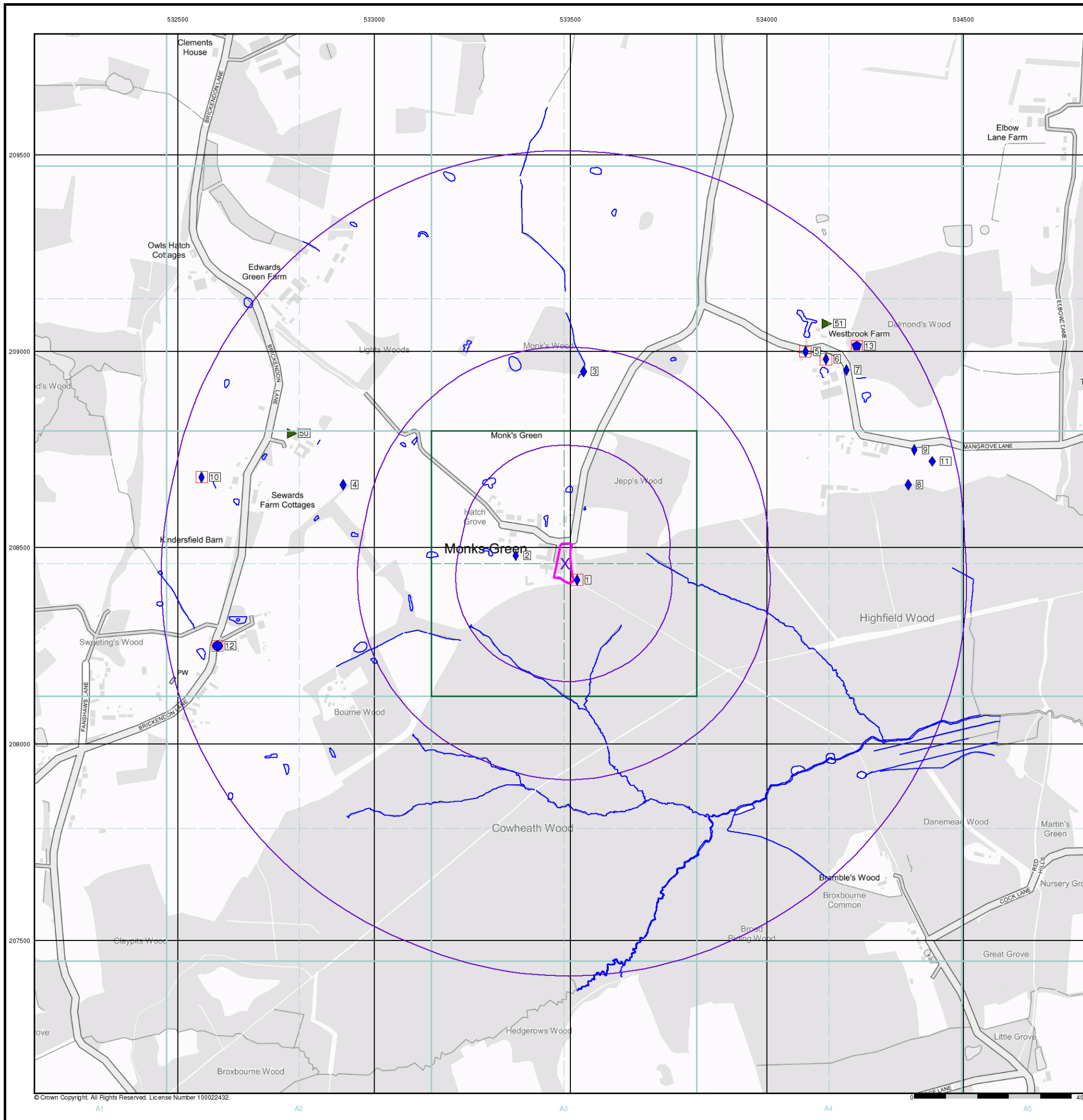


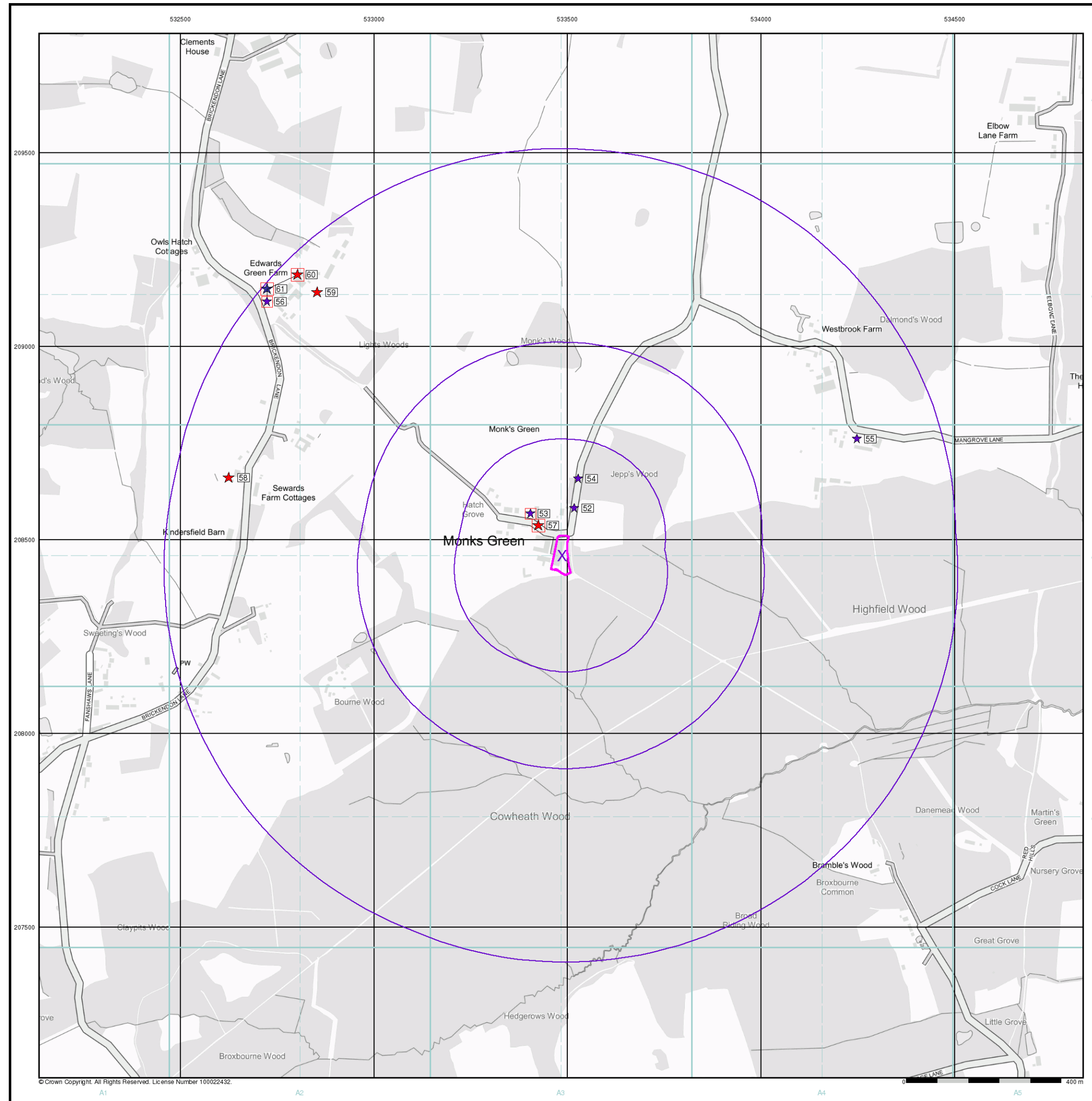
## Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

## Site Details






Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL














## Industrial Land Use Map

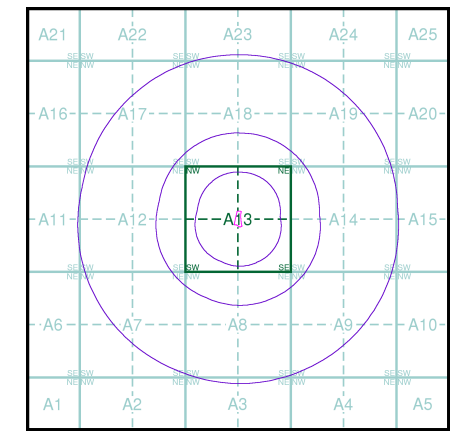
### General

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

### Industrial Land Use

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

### Industrial Land Use Map - Slice A



### Order Details



Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details






Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL



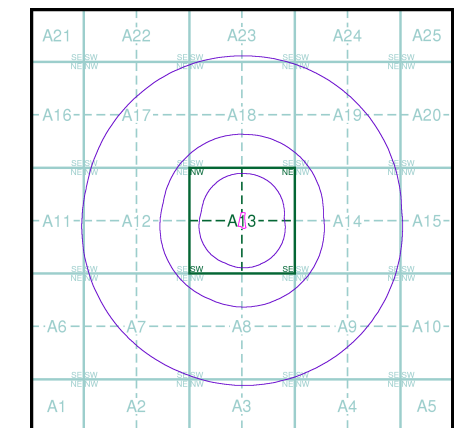
### General

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

### Agency and Hydrological (Flood)

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

### Flood Map - Slice A

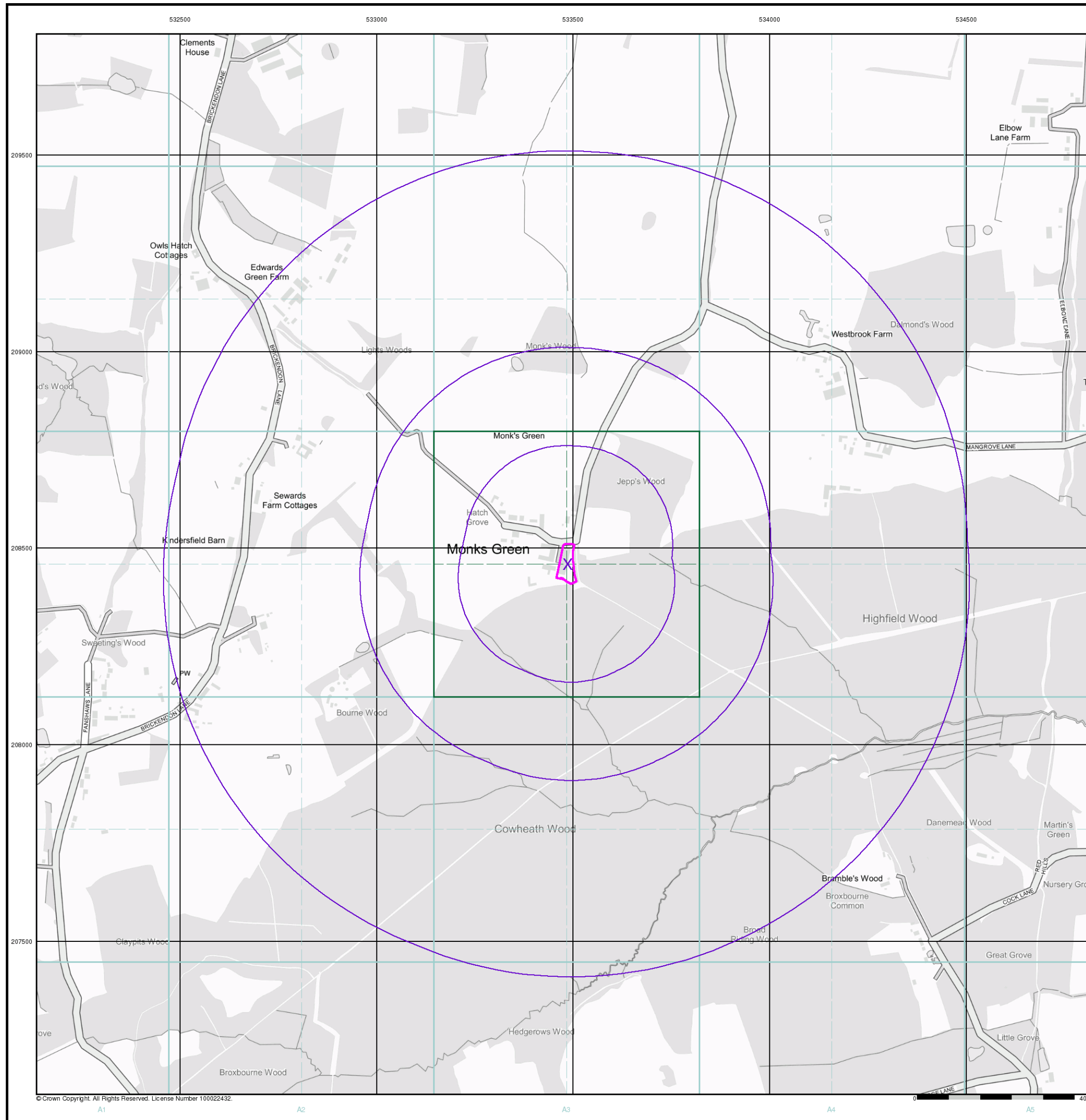


### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details

Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL



### General

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

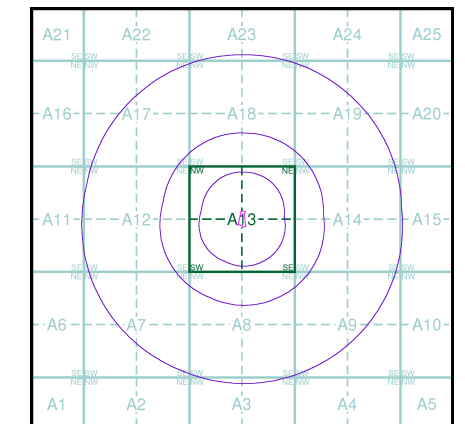
### Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A

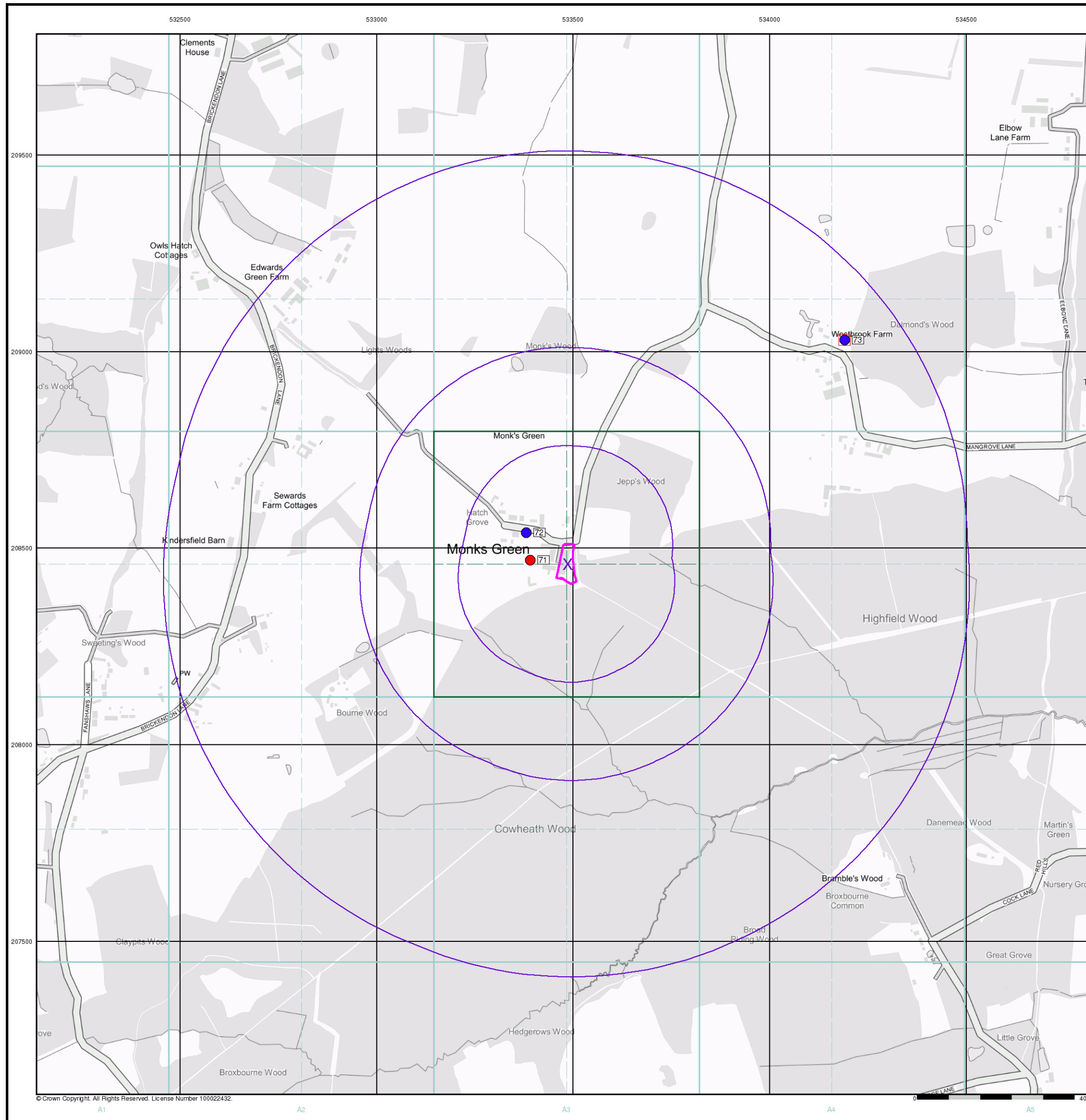


### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details

Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL





### General

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

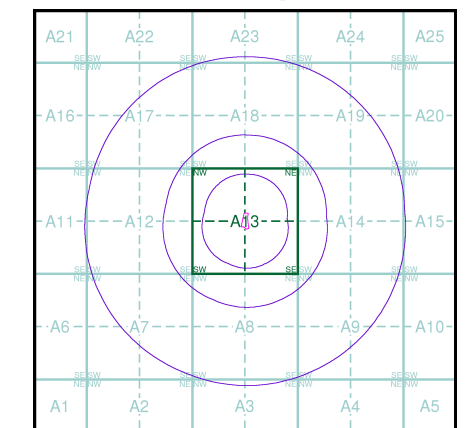
### OS Water Network Data

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

### Contours (height in meters)

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

### OS Water Network Map - Slice A

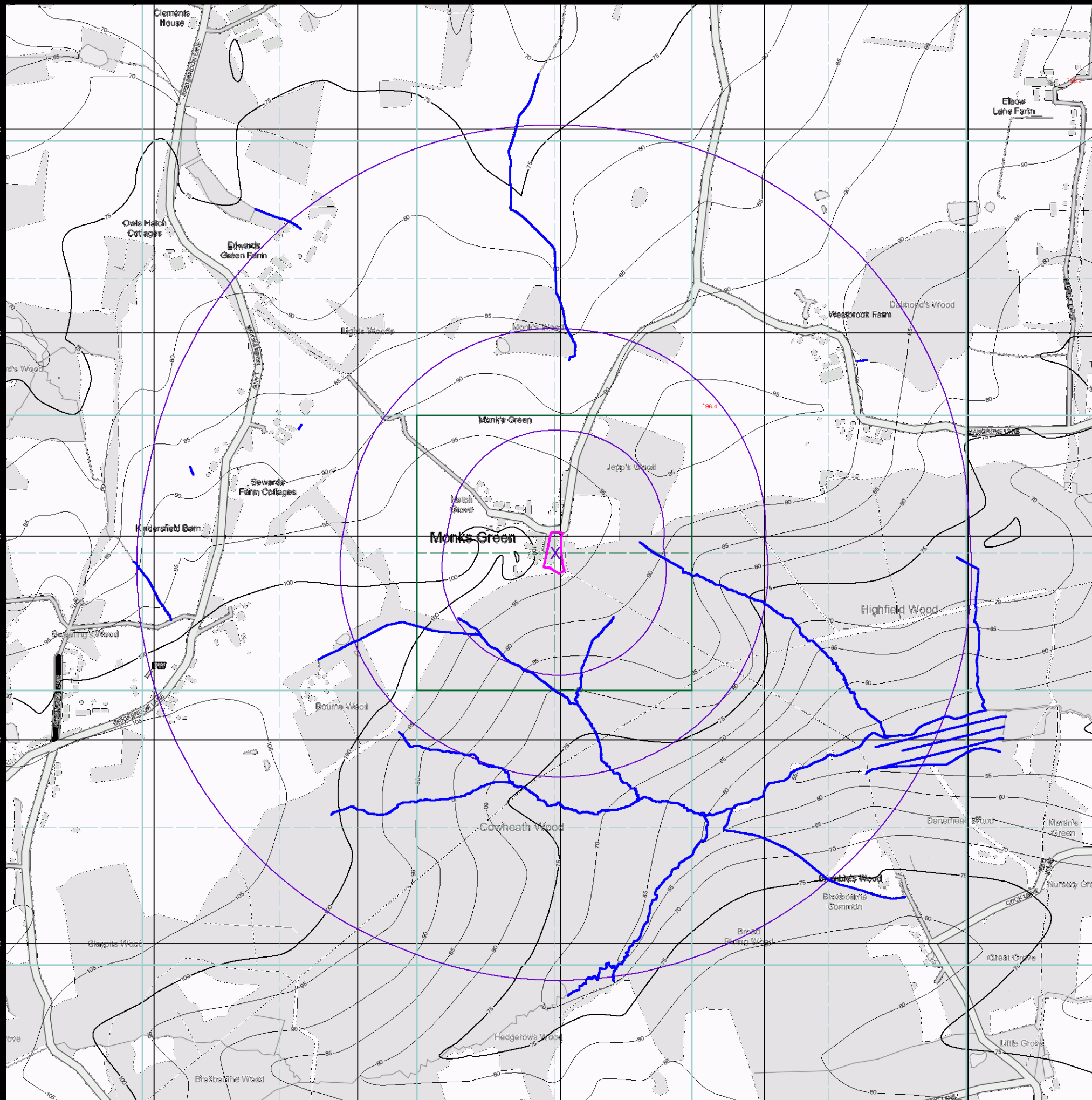


### Order Details




Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details

Monks Green Farm, Mangrove Lane, BRICKENDON, SG13 8QL



### General

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

### Risk of Flooding from Surface Water

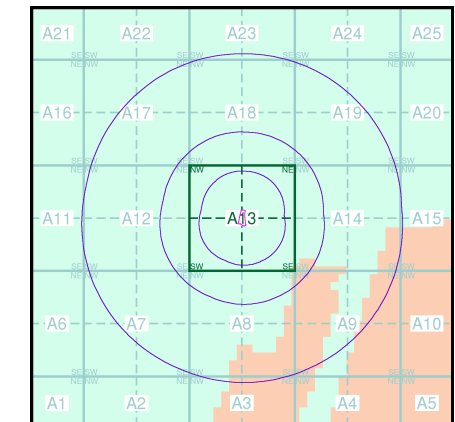
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

### Suitability

See the suitability map below

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

### EANRW Suitability Map - Slice A

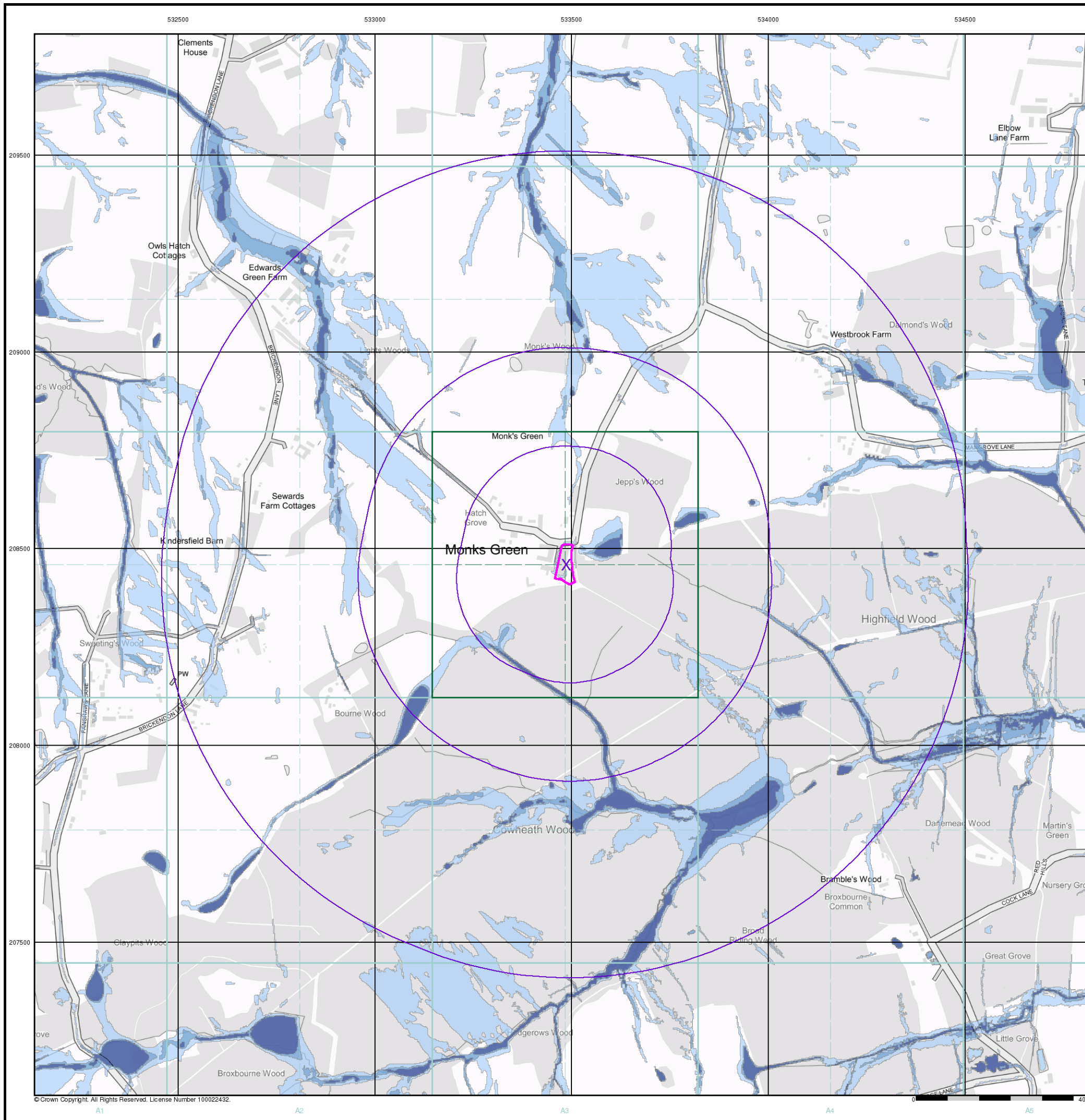


### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

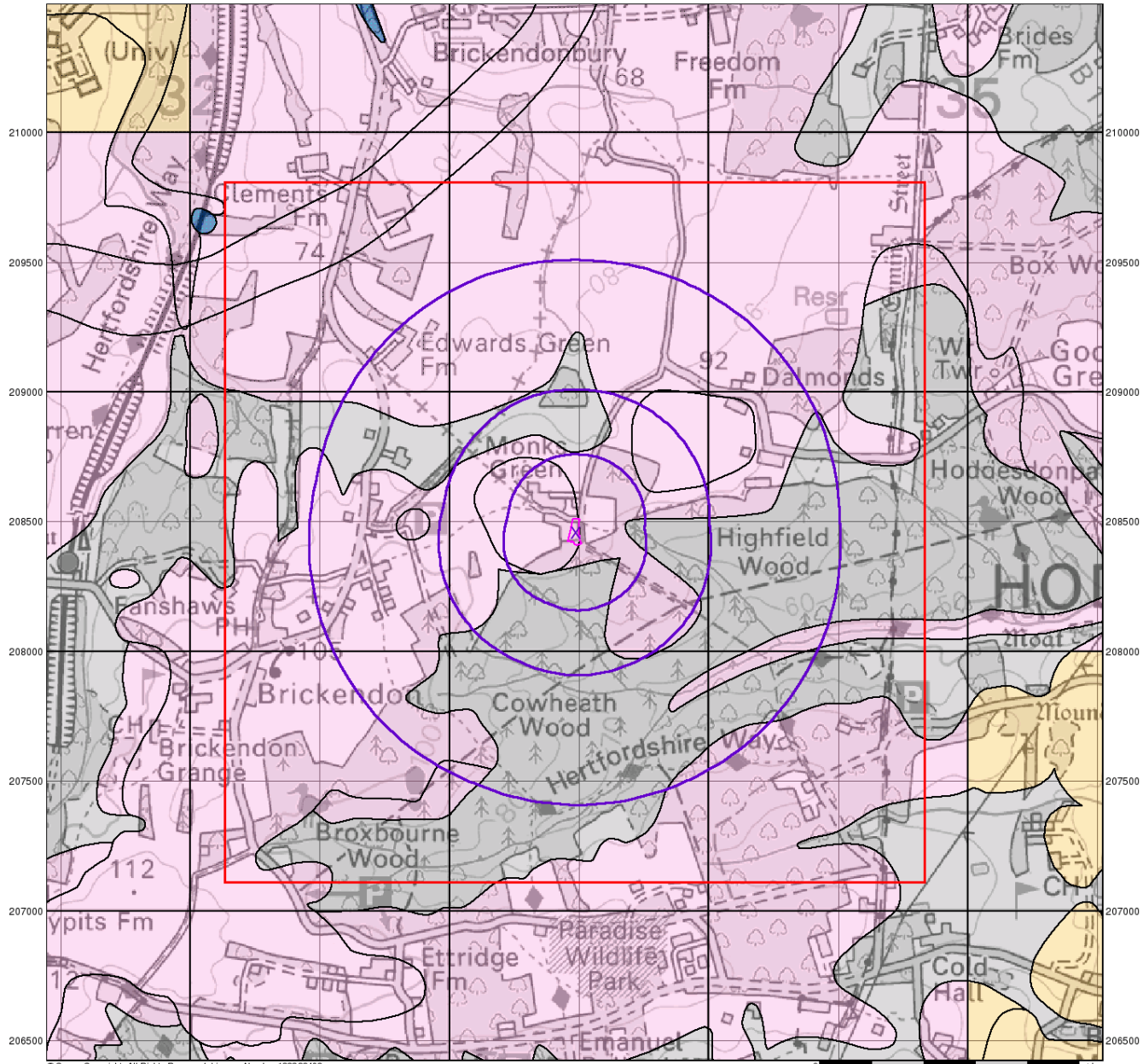
### Site Details

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531500 532000 532500 533000 533500 534000 534500 535000 535500








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







## Groundwater Vulnerability

### General







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

### Agency and Hydrological

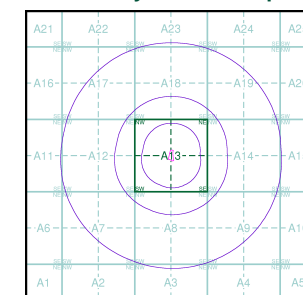
#### Bedrock Aquifers

-  High Vulnerability, Principal Aquifer
-  High Vulnerability, Secondary Aquifer
-  Medium Vulnerability, Principal Aquifer
-  Medium Vulnerability, Secondary Aquifer
-  Low Vulnerability, Principal Aquifer
-  Low Vulnerability, Secondary Aquifer
-  Unproductive Aquifer
-  Soluble Rock

#### Superficial Aquifers

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

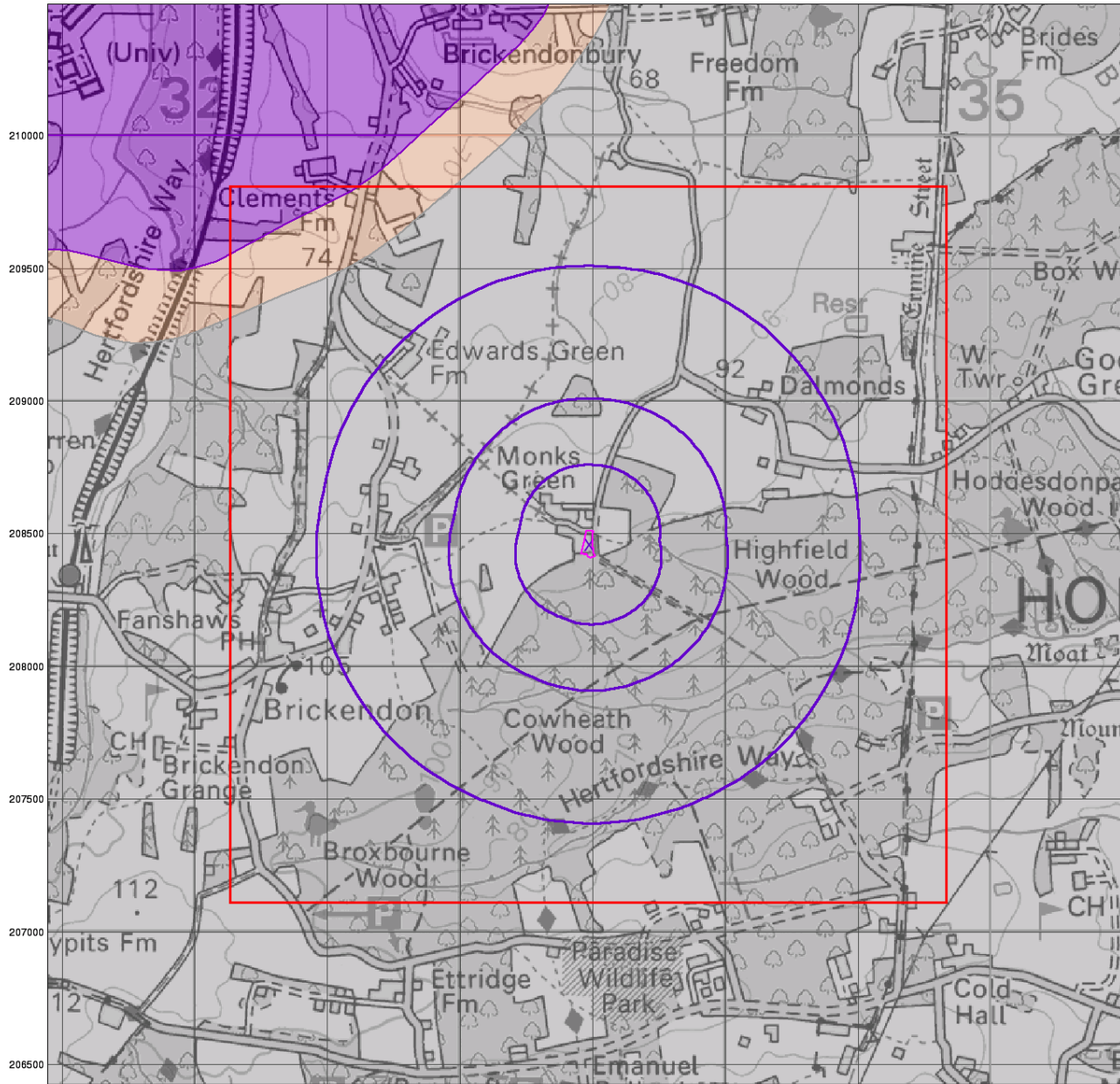
### Site Details

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## Bedrock Aquifer Designation

### General

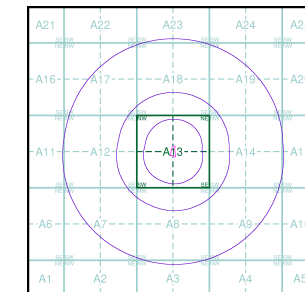
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

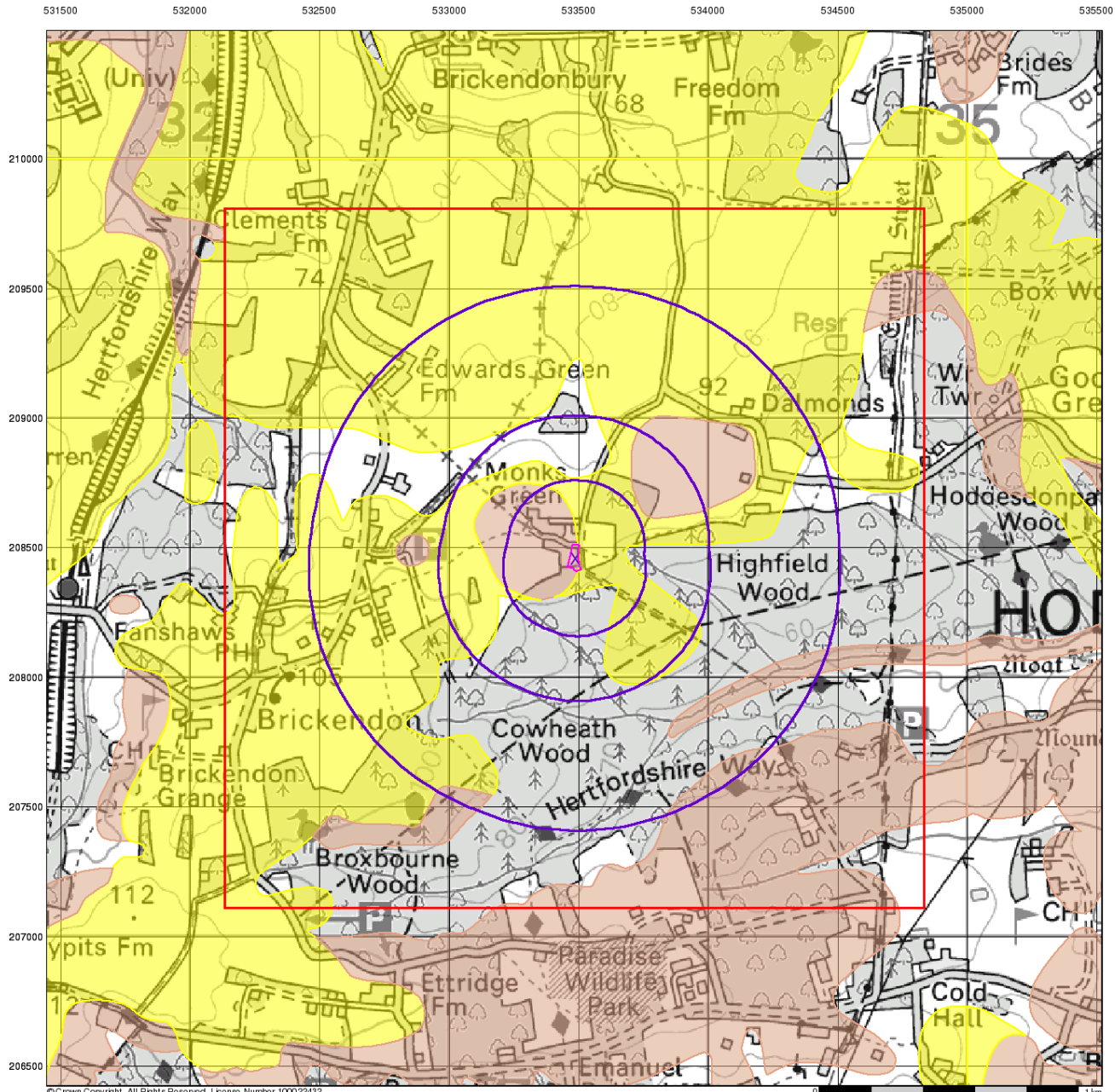
### Site Details

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## Superficial Aquifer Designation

### General

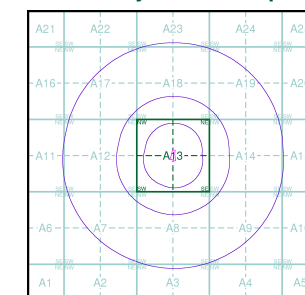
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

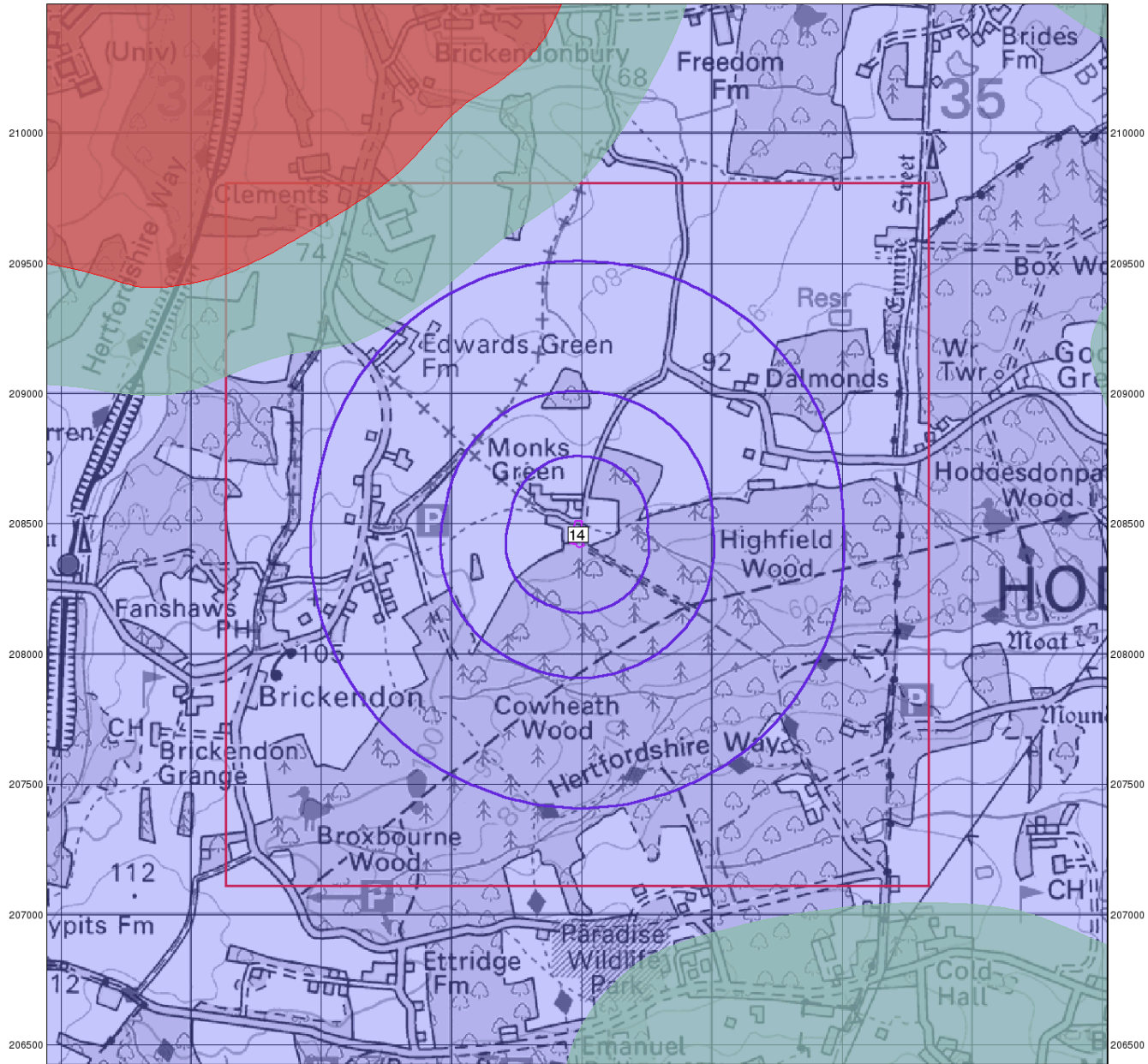
### Site Details

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## Source Protection Zones

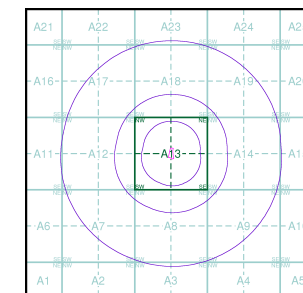
### General

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

### Agency and Hydrological

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

### Site Details

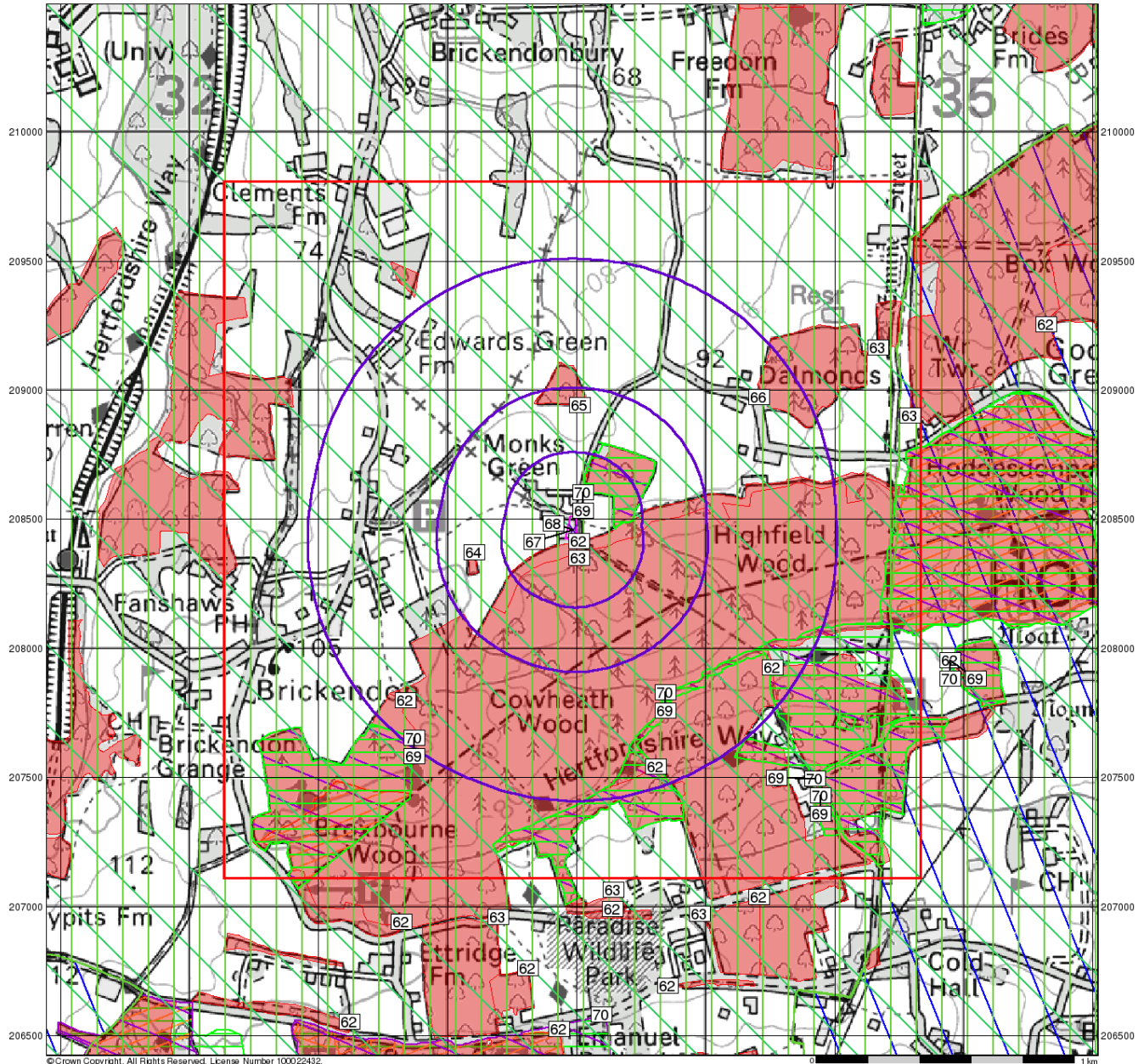
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## Sensitive Land Uses

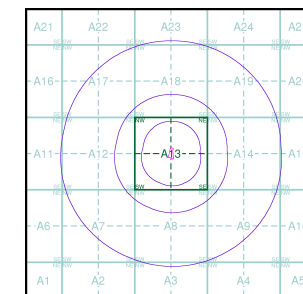
### General

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

### Sensitive Land Uses

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

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

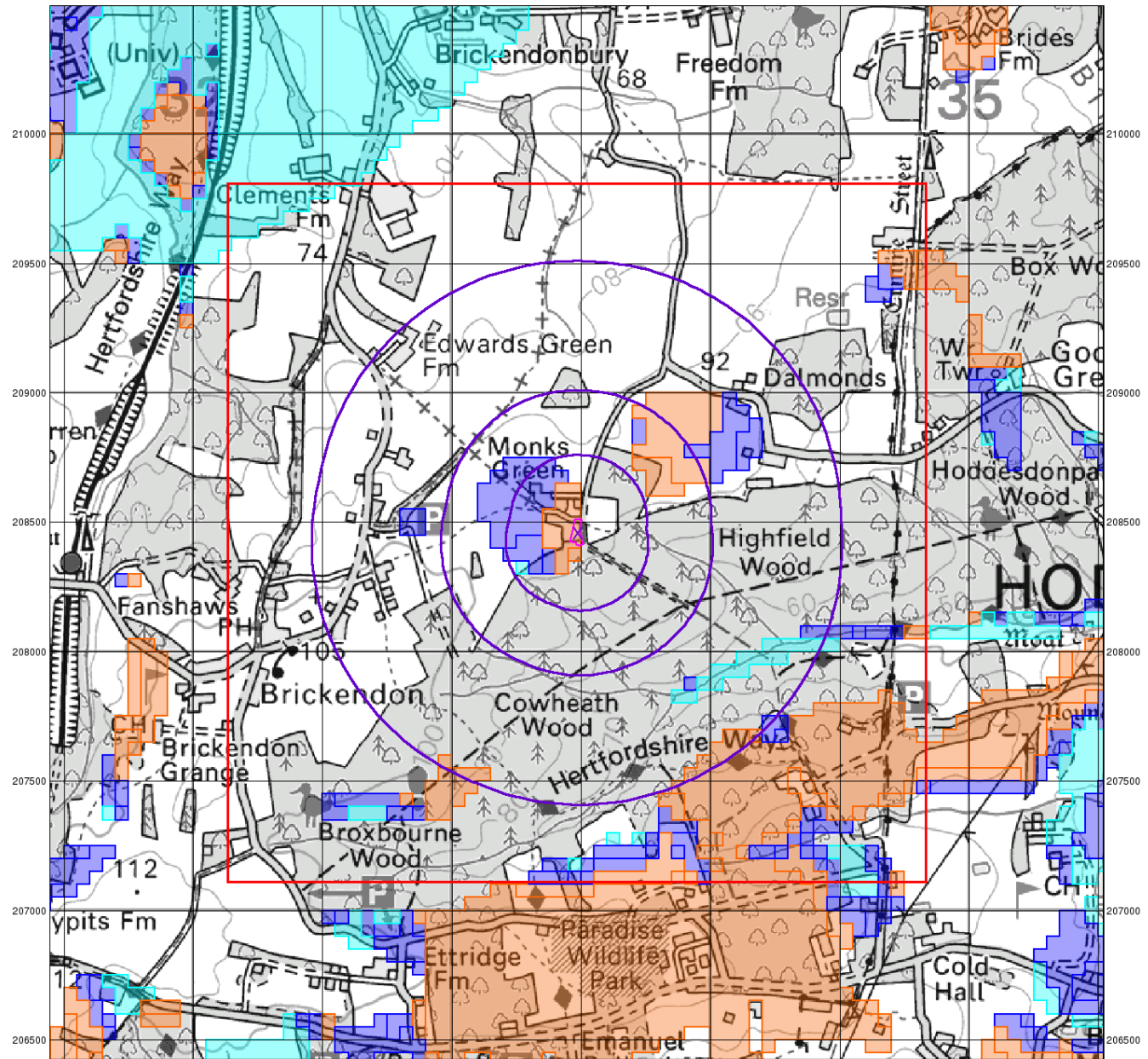
### Site Details

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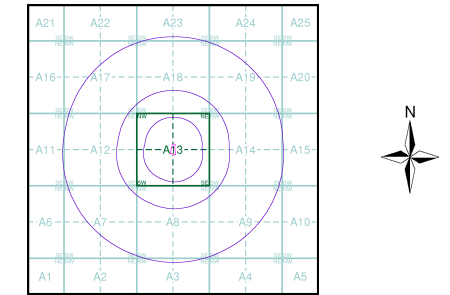
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## BGS Flood GFS Data

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
- Agency and Hydrological (Flood)**
- Limited Potential for Groundwater Flooding to Occur
  - Potential for Groundwater Flooding of Property Situated Below Ground Level
  - Potential for Groundwater Flooding to Occur at Surface

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 324721496\_1\_1  
 Customer Ref: 18625  
 National Grid Reference: 533490, 208460  
 Slice: A  
 Site Area (Ha): 0.34  
 Search Buffer (m): 1000

## Site Details

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