

Determinant	Maximum Concentration (mg/kg)					
	Residential with Plant Up-take (Private Gardens)			Residential Without Plant Up-take (Communal Gardens)		
Arsenic **	37			40		
Cadmium**	11			85		
Chromium**	910			910		
Lead***	200			200		
Mercury**	40			56		
Nickel****	75			75		
Selenium**	250			430		
Vanadium**	410			1200		
Copper ****	135			200		
Zinc ****	200			200		
Asbestos	None detected			None detected		
pH	5 - 10			5 - 10		
<b>Soil Organic Matter</b>						
<b>Polycyclic Aromatic Hydrocarbons</b>	1%	2.5%	6%	1%	2.5%	6%
Naphthalene**	2.3	2.3	5.6	13	5.6	13
Acenaphthylene **	170	2900	4600	6000	420	920
Acenaphthene **	210	3000	4700	6000	510	1100
Fluorene **	170	2800	3800	4500	400	860
Phenanthrene **	95	1300	1500	1500	220	440
Anthracene**	2400	31000	35000	37000	5400	11000
Fluoranthene**	280	1500	1600	1600	560	890
Pyrene**	620	3700	3800	3800	1200	2000
Benz(a)anthracene**	7.2	11	14	15	11	13
Chrysene**	15	30	31	32	22	27
Benzo(b)fluoranthene**	2.6	3.9	4.0	4.0	3.3	3.7
Benzo(k)fluoranthene**	77	110	110	110	93	100
Benzo(a)pyrene**	2.2	3.2	3.2	3.2	2.7	3.0
Indeno(123-cd)pyrene**	27	45	46	46	36	41
Dibenzo(a,h)anthracene**	0.24	0.31	0.32	0.32	0.28	0.3
Benzo(ghi)perylene**	320	360	360	360	340	350
<b>Total Petroleum Hydrocarbons</b>						
<b>Aliphatic</b>						
TPH C <sub>5</sub> -C <sub>6</sub> **	42	78	160	42	78	160
TPH C <sub>6</sub> -C <sub>8</sub> **	100	230	530	100	230	530
TPH C <sub>8</sub> -C <sub>10</sub> **	27	65	150	27	65	150
TPH C <sub>10</sub> -C <sub>12</sub> **	130	330	760	130	330	770
TPH C <sub>12</sub> -C <sub>16</sub> **	1100	2400	4300	1100	2400	4400
TPH C <sub>16</sub> -C <sub>35</sub> **	65000	92000	110000	65000	92000	110000
<b>Aromatic</b>						
TPH C <sub>5</sub> -C <sub>6</sub> **	70	140	300	370	690	1400
TPH C <sub>6</sub> -C <sub>8</sub> **	130	290	660	860	1800	3900
TPH C <sub>8</sub> -C <sub>10</sub> **	34	83	190	47	110	270
TPH C <sub>10</sub> -C <sub>12</sub> **	74	180	380	250	590	1200
TPH C <sub>12</sub> -C <sub>16</sub> **	140	330	660	1800	2300	2500

TPH C <sub>16</sub> -C <sub>21</sub> **	260	540	930	1900	1900	1900
TPH C <sub>21</sub> -C <sub>35</sub> **	1100	1500	1700	1900	1900	1900
No visual or olfactory evidence of hydrocarbons						


**Source of Values**

- \* - Soil guideline value, DEFRA/Environment Agency
- \*\* - Tier 1 GAC are based on Nathanail, C. P., McCaffrey, C., Gillett, A. G., Ogden, R. C. and Nathanail, J. F. 2015. The LQM/CIEH S4ULs for Human Health Risk Assessment. Land Quality Press, Nottingham. **Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3086.**
- \*\*\* - Category 4 Screening Level.
- \*\*\*\* - BS 3882 British Standards Specification for Top Soil.
- # - B2G level to ensure no visible or olfactory evidence.

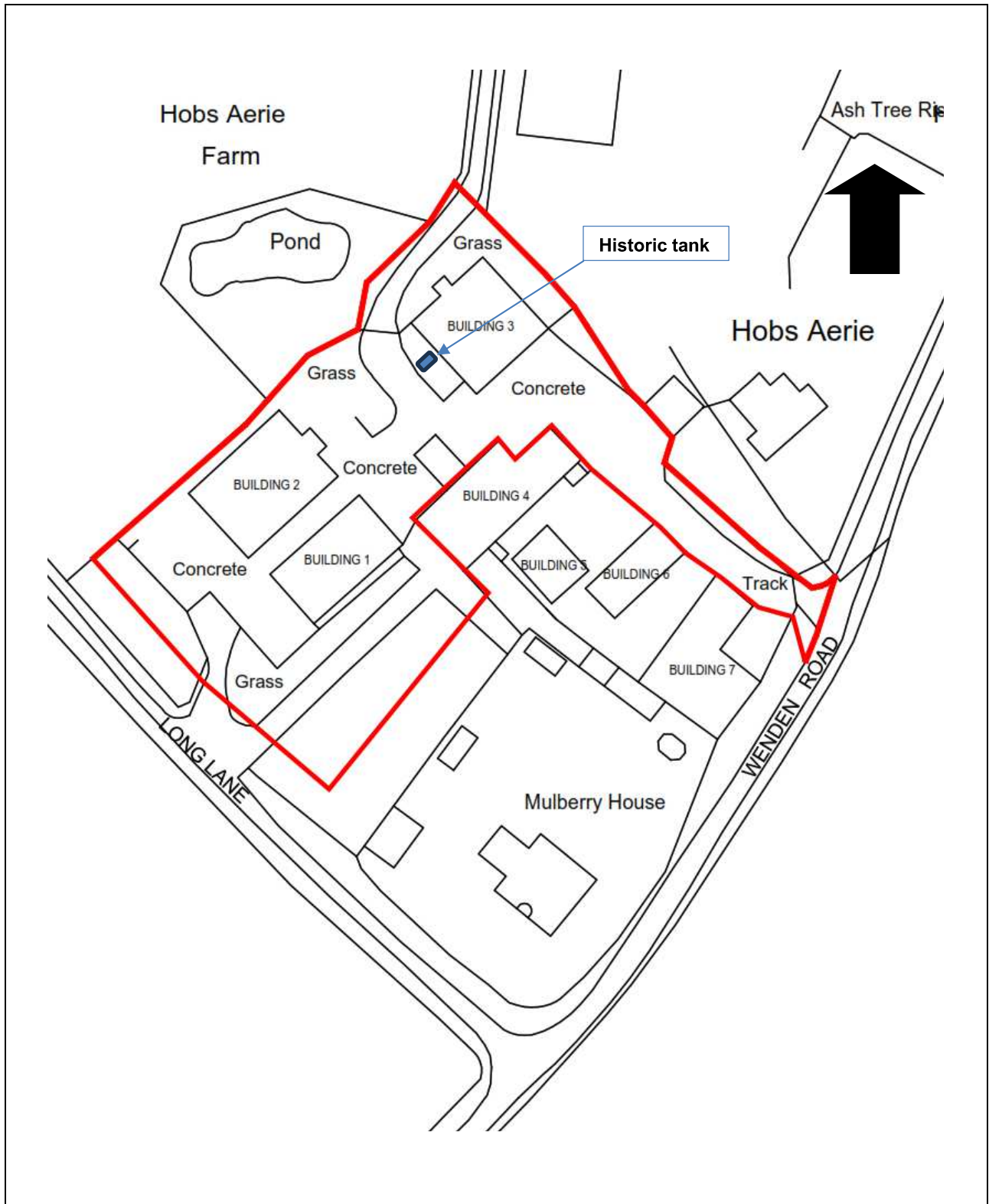
## **FIGURES**



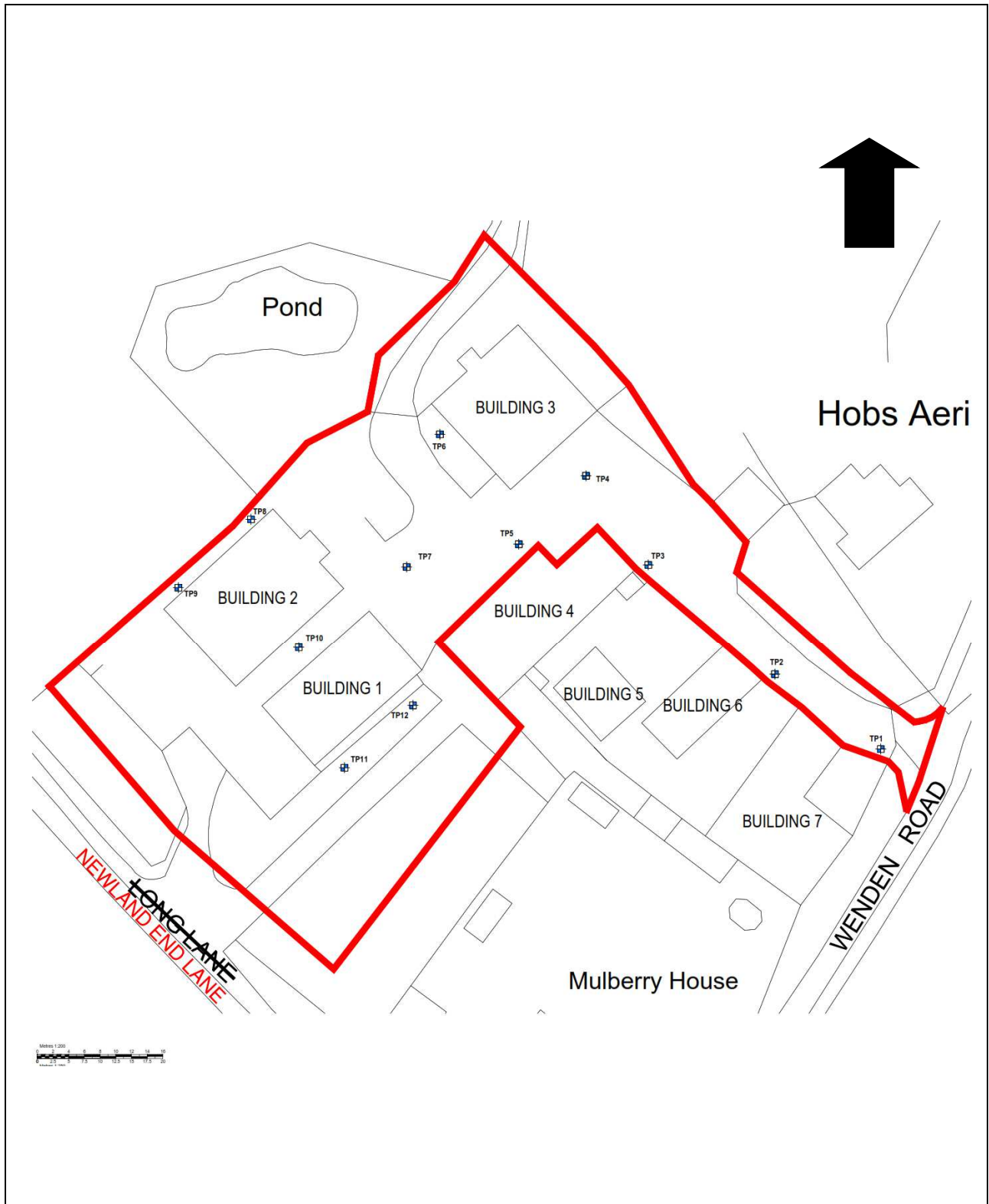
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<p><b>Project Number:</b> 3404</p>	<p><b>Project: Barns at Mulberry House Farmyard, Wenden Road, Arkesden</b></p>	<p><b>Scale: NTS</b></p>
<p><b>Figure 1</b></p>	<p><b>Site Location Plan</b></p>	





<p><b>Project Number:</b> 3404</p>	<p><b>Project:</b> Barns at Mulberry House Farmyard, Wenden Road, Arkesden</p>	<p><b>Scale:</b> NTS</p>
<p><b>Figure 2</b></p>	<p><b>Site Layout Plan</b></p>	



Project Number:	Project: Barns at Mulberry House Farmyard, Wenden Road, Arkesden	Scale: see plan
<b>Figure 3</b>	<b>Exploratory Hole Location Plan</b>	

**APPENDIX I**  
**LIMITATIONS AND CONSTRAINTS**

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For the work, reliance has been placed on publicly available data obtained from the sources identified and data supplied by other parties. The information is not necessarily exhaustive and further information relevant to the site may be available from other sources. When using the information it has been assumed it is correct. No attempt has been made to verify the information. Brown 2 Green Associates Ltd does not warrant work / data undertaken / provided by others.

Due to the short timescales associated with these projects responses may not have been received from all parties. Brown 2 Green Associates Limited cannot be held responsible for any disclosures that are provided post production of our report and will not automatically update our report.

This report has been produced in accordance with UK policy and legislative requirements for land and groundwater contamination at the time the report was commissioned. Should changes in legislation or policy occur the report findings may need revisiting once the development layout is confirmed.

During the site walkover reasonable effort has been made to obtain an overview of the site conditions. However, during the site walk-over no attempt has been made to enter areas of the site that are unsafe or present a risk to health and safety, are locked, barricaded, overgrown or the location of the area has not been made known, or where access has not been permitted.

Access considerations, the presence of services and the activities being carried out on the site limited the positions where sampling locations could be installed and the techniques that could be used.

This report presents an interpretation of the geo-environmental information established by excavation, observation and testing. It should be noted that when investigating, or developing land it is important to recognise that sub-surface conditions may vary spatially and also with time. Groundwater conditions are dependent on seasonal and other factors. Consequently there may be conditions present not revealed by this investigation. The absence of certain ground, ground gas, and contamination or groundwater conditions at the positions tested is not a guarantee that such conditions do not exist anywhere across the site. Due to the presence of existing buildings and structures access could not be obtained to all areas. Additional contamination may be identified following the removal of the buildings or hard standing.

The scope of any investigation is based on the specific development and land use scenario proposed by the Client and may be inappropriate to another form of development or scheme. If the development layout was not known at the time of the investigation the report findings may need revisiting once the development layout is confirmed.

Rather, this investigation has been undertaken to provide a characterisation of the existing sub-surface geo-environmental characteristics and make up and the findings of this study are our best interpretation of the data collected, within the scope of work and agreed budget. New information, revised practices or changes in legislation may necessitate the re-interpretation of the report, in whole or in part.

During any development programme Brown 2 Green Associates Limited should be consulted if alternative ground conditions are encountered. It assumes during any site works that the contractor will use their best endeavours to manage and control groundwater and other unforeseen ground conditions. Brown 2 Green Associates Limited will not be liable for actions taken prior to consultation.

Where mention has been made to the identification of Japanese Knotweed and other invasive plant species and asbestos or asbestos-containing materials, this is for indicative purposes only and does not constitute or replace full and proper surveys.

**APPENDIX II**  
**SITE PHOTOGRAPHS**





**Access track, looking towards Wenden Road**





**View looking north from the north-central part of the site. Building 3 visible to the left.**





**View looking west from the north-central part of the site.**



**Internal view of Building 3.**





**View looking south-east from the northern boundary of the site. Building 2 visible to the right. Building 1 present in the background.**



**APPENDIX III**  
**HISTORICAL MAPS**

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

317536487\_1\_1

**Customer Reference:**

3404

**National Grid Reference:**

548450, 235230

**Slice:**

A

**Site Area (Ha):**

0.01

**Search Buffer (m):**

1000

#### Site Details:

Mulberry House Farm, Wenden Road

Arkesden

SAFFRON WALDEN

CB11 4HD

#### Client Details:

Mr P Miles

Brown 2 Green Associates Ltd

Suite 1 Wenden Court

Station Road

Wendens Ambo

Saffron Walden

Essex

CB11 4LB

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	9
Hazardous Substances	-
Geological	10
Industrial Land Use	12
Sensitive Land Use	13
Data Currency	14
Data Suppliers	20
Useful Contacts	21

### 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		n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1	1	8
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 3		Yes		
Pollution Incidents to Controlled Waters	pg 3				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 3				(*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 5	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Source Protection Zones	pg 5	2			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 6		2		23



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 9	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
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					
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 10	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 10				1
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	pg 10	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	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

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries					
Fuel Station Entries					
Gas Pipelines	pg 12				1
Underground Electrical Cables					
<b>Sensitive Land Use</b>					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 13	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
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	A13NE (NE)	0	1	548451 235231
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	231	1	548451 235000
1	<b>Discharge Consents</b> Operator: R P Wells Property Type: Domestic Property (Single) Location: Orchard Cottage Wenden Road, Arkesden, Saffron Walden, Essex, Cb11 4hd Authority: Environment Agency, Anglian Region Catchment Area: Upper River Cam (Chesterford) Reference: Prcnf14171 Permit Version: 1 Effective Date: 18th May 1999 Issued Date: 26th July 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Existing Ditch/Culvert <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	A13SE (S)	97	2	548474 235137
2	<b>Discharge Consents</b> Operator: The Rural District Council Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Council Housing Site At Arkesden, Arkesden, Saffron Walden, Cb11 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr1nfg1065 Permit Version: 1 Effective Date: 9th May 1963 Issued Date: 9th May 1963 Revocation Date: 25th July 1991 Discharge Type: Unknown Discharge: Unknown Environment: Receiving Water: Unknown <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 100m	A8NE (S)	434	2	548500 234800
3	<b>Discharge Consents</b> Operator: Mr D M Curry Property Type: Not Supplied Location: Premises At Newland End Arkesden, Saffron Walden, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prclf02766 Permit Version: 1 Effective Date: 17th May 1990 Issued Date: 17th May 1990 Revocation Date: 7th August 1997 Discharge Type: Unknown Discharge: Land/Soakaway Environment: Receiving Water: Land <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b> Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	675	2	547880 235590
4	<b>Discharge Consents</b> Operator: Footlea Limited Property Type: Domestic Property (Single) Location: Applebes Arkesden, Saffron Walden, Essex., Cb11 3pu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr1lf2240 Permit Version: 1 Effective Date: 6th February 1986 Issued Date: 6th February 1986 Revocation Date: 1st October 1996 Discharge Type: Unknown Discharge: Land/Soakaway Environment: Receiving Water: Into Land <b>Status: Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989</b> Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	811	2	548100 234500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p><b>Discharge Consents</b></p> <p>Operator: Dr A Macauslan  Property Type: Domestic Property (Single)  Location: Applebes Arkesden, Saffron Walden, Essex., Cb11 3pu  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr11fu263  Permit Version: 1  Effective Date: 10th May 1984  Issued Date: 10th May 1984  Revocation Date: 1st October 1996  Discharge Type: Unknown  Discharge: Land/Soakaway  Environment:  Receiving Water: Land  <b>Status:</b> Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989  Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	811	2	548100 234500
5	<p><b>Discharge Consents</b></p> <p>Operator: Mr &amp; Mrs D Murphy  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Methodist Chapel Hampit Road, Arkesden, Saffron Walden, Essex, Cb11 4hj  Authority: Environment Agency, Anglian Region  Catchment Area: Upper River Cam (Chesterford)  Reference: Prcnf05230  Permit Version: 1  Effective Date: 4th November 1993  Issued Date: 4th November 1993  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Wicken Water  <b>Status:</b> Post National Rivers Authority Legislation where issue date &gt; 31/08/1989  Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	837	2	547830 234670
5	<p><b>Discharge Consents</b></p> <p>Operator: Mcgilverry Mr A  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Shepherds Cottage &amp; Heddass Cottage Hampit Road, Arkesden, Essex, Cb11 4hj  Authority: Environment Agency, Anglian Region  Catchment Area: Upper River Cam (Chesterford)  Reference: Prcnf17852  Permit Version: 1  Effective Date: 12th June 2006  Issued Date: 22nd June 2006  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: The Wicken Water  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	840	2	547814 234684
6	<p><b>Discharge Consents</b></p> <p>Operator: Miss W Baily  Property Type: Not Supplied  Location: Sunnymeade Arkesden, Saffron Walden, Essex.  Authority: Environment Agency, Anglian Region  Catchment Area: Not Supplied  Reference: Pr11fu27  Permit Version: 1  Effective Date: 8th November 1978  Issued Date: 8th November 1978  Revocation Date: 1st October 1996  Discharge Type: Unknown  Discharge: Land/Soakaway  Environment:  Receiving Water: Land  <b>Status:</b> Pre National Rivers Authority Legislation where issue date &lt; 01/09/1989  Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	858	2	548340 234380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p><b>Discharge Consents</b></p> <p>Operator: Andrew John Wilby  Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)  Location: Pond Cottage Arkesden, Saffron Walden, Essex, Cb11 4hb  Authority: Environment Agency, Anglian Region  Catchment Area: Not Given  Reference: Prcnf05959  Permit Version: 1  Effective Date: 2nd October 1997  Issued Date: 2nd October 1997  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Unnamed Drainage Ditch  <b>Status: Post National Rivers Authority Legislation where issue date &gt; 31/08/1989</b>  Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	883	2	548400 234350
8	<p><b>Discharge Consents</b></p> <p>Operator: Mr Paul Stewart  Property Type: Domestic Property (Single)  Location: Christiania Wicken Road, Arkesden, Saffron Walden, Essex, Cb11 4ey  Authority: Environment Agency, Anglian Region  Catchment Area: Upper River Cam (Chesterford)  Reference: Eprfp3420xr  Permit Version: 1  Effective Date: 28th October 2010  Issued Date: 28th October 2010  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: A Tributary Of Wicken Water  <b>Status: New issued under EPR 2010</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	968	2	548581 234272
	<p><b>Nearest Surface Water Feature</b></p>	A13NW (NW)	30	-	548436 235257
9	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Domestic/Residential  Location: Ely District  Authority: Environment Agency, Anglian Region  Pollutant: Sewage - Septic Tank Effluent  Note: Tributary Of Wicken Water  Incident Date: 12th March 1996  Incident Reference: 3378  Catchment Area: Not Given  Receiving Water: Freshwater Stream/River  Cause of Incident: Low Rate Irrigation System Failure  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	649	2	548300 234600
	<p><b>Water Abstractions</b></p> <p>Operator: Affinity Water Limited  Licence Number: 6/33/27/*G/0011  Permit Version: 102  Location: Bore At Wenden  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 14th November 2012  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A24SW (NE)	1426	2	549100 236500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Veolia Water Central Limited  Licence Number: 6/33/27/*G/0011  Permit Version: 101  Location: Bore At Wenden  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 20th July 2009  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A24SW (NE)	1426	2	549100 236500
	<p><b>Water Abstractions</b></p> <p>Operator: Three Valleys Water Plc  Licence Number: 6/33/27/*G/0011  Permit Version: 100  Location: Bore At Wenden  Authority: Environment Agency, Anglian Region  Abstraction: Public Water Supply: Potable Water Supply - Direct  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: C Chalk 4; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st March 1994  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A24SW (NE)	1426	2	549100 236500
	<p><b>Water Abstractions</b></p> <p>Operator: A Duke &amp; Son  Licence Number: 6/33/27/*s/068  Permit Version: Not Supplied  Location: Location Description Not Available  Authority: Environment Agency, Anglian Region  Abstraction: Spray Irrigation  Abstraction Type: Not Supplied  Source: Stream  Daily Rate (m3): 5  Yearly Rate (m3): 909090  Details: Status: Perpetuity  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A23NE (N)	1573	2	548770 236770
	<p><b>Water Abstractions</b></p> <p>Operator: Castleden Farms  Licence Number: 6/33/27/*G/0045  Permit Version: 100  Location: Borehole W Of Arkesden  Authority: Environment Agency, Anglian Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: C Chalk 4; Status: Perpetuity  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 1st November 1969  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A6SW (SW)	1589	2	547030 234520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: E L Westerhuis Licence Number: 6/33/27/*i/087p Permit Version: Not Supplied Location: Watercourse , SOUTH OF ELMDON Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21SW (NW)	1864	2	547000 236400
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: <40% Superficial Patchiness: <90% Superficial Thickness: >10m Superficial Recharge: No Data	A13NE (NE)	0	3	548451 235231
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Low Possibility	A13NE (NE)	0	3	548451 235231
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NE (NE)	0	3	548451 235231
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NE (NE)	0	3	548451 235231
10	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (NE)	0	2	548451 235231
11	<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.	A13NE (NE)	0	2	548451 235231
12	<b>Source Protection Zones</b> Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A18NE (N)	736	2	548656 235937
	<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				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A13SE (E)	206	4	548656 235230
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 378.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A13SE (E)	241	4	548690 235205
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12NE (W)	706	4	547789 235477
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 641.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SW (S)	772	4	548203 234500
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SW (S)	813	4	548307 234431
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 181.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SW (S)	814	4	548311 234430
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	837	4	547706 234849
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 399.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	842	4	547712 234828
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 156.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	842	4	547712 234828



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NE (SW)	845	4	547793 234701
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 769.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NE (SW)	847	4	547791 234700
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	855	4	547675 234872
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 290.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A7NW (SW)	858	4	547671 234873
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 283.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	869	4	548761 234420
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 617.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12SW (W)	909	4	547548 235120
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12SW (W)	909	4	547548 235120
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: Underground Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	910	4	548454 234321
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A9SW (SE)	911	4	549030 234529

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	919	4	548578 234321
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	927	4	548458 234305
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 340.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	937	4	548461 234294
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 292.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Wicken Water Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A8SE (S)	937	4	548461 234294
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12SW (W)	955	4	547503 235120
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12SW (W)	964	4	547493 235119
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 750.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Cam Ely Ouse and South Level Primacy: 1	A12SW (W)	971	4	547486 235118

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Uttlesford District Council - Has no landfill data to supply		0	5	548451 235231
	<b>Local Authority Landfill Coverage</b> Name: Essex County Council - Has supplied landfill data		0	6	548451 235231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: White Chalk Subgroup	A13NE (NE)	0	1	548451 235231
38	<b>BGS Recorded Mineral Sites</b> Site Name: Arkesden Chalk Pit Location: Arkesden, Saffron Walden, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 170050 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8SE (S)	926	1	548555 234311
	<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> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	67	1	548384 235233
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	236	1	548402 235000
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	231	1	548451 235000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	548451 235231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b></p> <p>Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service</p>	A13SE (S)	231	1	548451 235000
	<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). Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	0	1	548451 235231
	<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 Source: British Geological Survey, National Geoscience Information Service</p>	A13NE (NE)	0	1	548451 235231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	<p><b>Gas Pipelines</b></p> <p>Name: CAMBRIDGE TO MATCHING GREEN                      Nat Grid: Owned By National Grid                      Diameter (mm): 1200                      Building Proximity: Not Supplied                      Distance (m):                      Status: Active                      Pipe Length (m): 45499.09                      Pipe Number: Not Supplied</p>	A19SW (NE)	631	7	548948 235619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<b>Nitrate Vulnerable Zones</b> Name: Ely Ouse And Cut-Off Channel Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (NE)	0	3	548451 235231
41	<b>Nitrate Vulnerable Zones</b> Name: Anglian Chalk Description: Groundwater Source: Environment Agency, Head Office	A13NE (NE)	0	3	548451 235231

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> East Hertfordshire District Council - Environmental Health Department Environment Agency - Head Office North Hertfordshire District Council - Environmental Health Department South Cambridgeshire District Council Uttlesford District Council - Environmental Health Department	January 2013 June 2020 October 2017 October 2017 October 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2023 July 2023	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region Environment Agency - Thames Region	January 2009 January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region	January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> East Hertfordshire District Council - Environmental Health Department South Cambridgeshire District Council - Environmental Health Department North Hertfordshire District Council - Environmental Health Department Uttlesford District Council - Environmental Health Department	January 2014 October 2014 September 2014 September 2014	Variable Variable Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> East Hertfordshire District Council - Environmental Health Department South Cambridgeshire District Council - Environmental Health Department North Hertfordshire District Council - Environmental Health Department Uttlesford District Council - Environmental Health Department	January 2014 October 2014 September 2014 September 2014	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 South Cambridgeshire District Council - Environmental Health Department North Hertfordshire District Council - Environmental Health Department Uttlesford District Council - Environmental Health Department	January 2014 October 2014 September 2014 September 2014	Variable Variable Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2023	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	September 1999 September 1999	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region Environment Agency - Thames Region Environment Agency - Head Office	June 2016 June 2016 May 2023	As notified 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	



Agency & Hydrological	Version	Update Cycle
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	April 2012	
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	July 2023 July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Thames Region	April 2023 April 2023	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2017 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	July 2023	Quarterly
<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 - Anglian Region Environment Agency - Thames Region	January 2009 January 2009	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	July 2023 July 2023 July 2023 July 2023	Quarterly Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - South East Region - North East Thames Area Environment Agency - Thames Region - North East Area	January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cambridgeshire County Council East Hertfordshire District Council - Environmental Health Department Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit North Hertfordshire District Council - Environmental Health Department South Cambridgeshire District Council Uttlesford District Council - Environmental Health Department	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cambridgeshire County Council East Hertfordshire District Council - Environmental Health Department Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit North Hertfordshire District Council - Environmental Health Department South Cambridgeshire District Council Uttlesford District Council - Environmental Health Department	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - Thames Region - North East Area	March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - Thames Region - North East Area	April 2018 April 2018 April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Eastern Area Environment Agency - Thames Region - North East Area	June 2015 June 2015 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> Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit North Hertfordshire District Council South Cambridgeshire District Council Cambridgeshire County Council East Hertfordshire District Council Uttlesford District Council - Planning Department	February 2016 February 2016 February 2016 July 2023 March 2023 May 2023 May 2023	Variable Variable Variable Variable Variable Variable Variable
<b>Planning Hazardous Substance Consents</b> East Hertfordshire District Council Cambridgeshire County Council Essex County Council Hertfordshire County Council - Spatial Planning and Economy Unit North Hertfordshire District Council South Cambridgeshire District Council Uttlesford District Council - Planning Department	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016 October 2015	Variable 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 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	September 2022	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	September 2022	Annually
Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2023	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2023	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<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> East Hertfordshire District Council North Hertfordshire District Council South Cambridgeshire District Council Uttlesford District Council	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> East Hertfordshire District Council North Hertfordshire District Council South Cambridgeshire District Council Uttlesford District Council	August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural England	April 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	April 2023	Bi-Annually
<b>National Nature Reserves</b> Natural England	February 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	March 2023	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	March 2023	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	April 2023	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 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> NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	