

Site Details:

OAKLANDS COLLEGE,
OAKLANDS COLLEGE
SMALLFORD CAMPUS,
HATFIELD ROAD, ST ALBANS,
HERTFORDSHIRE, AL4 0JA

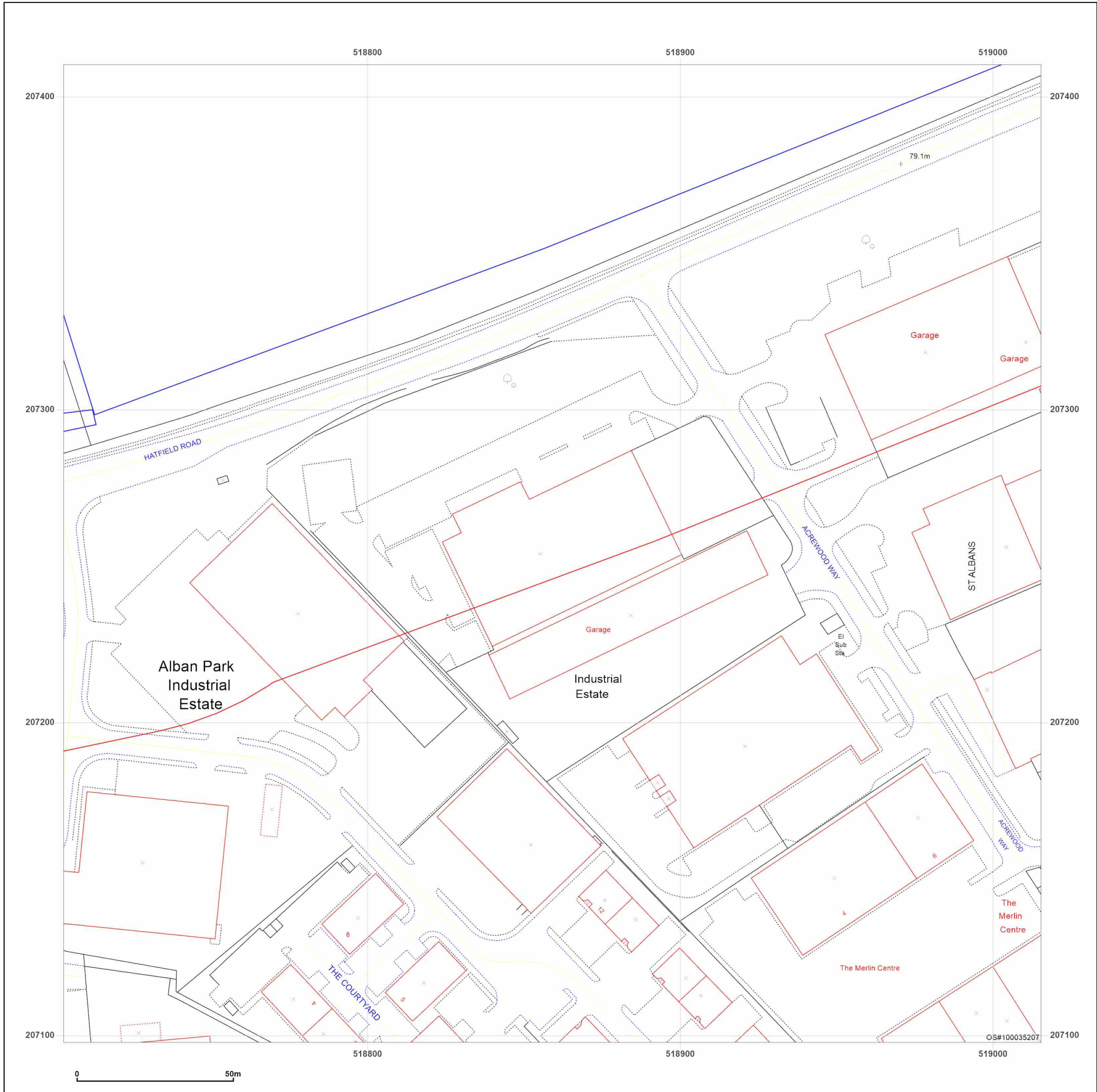
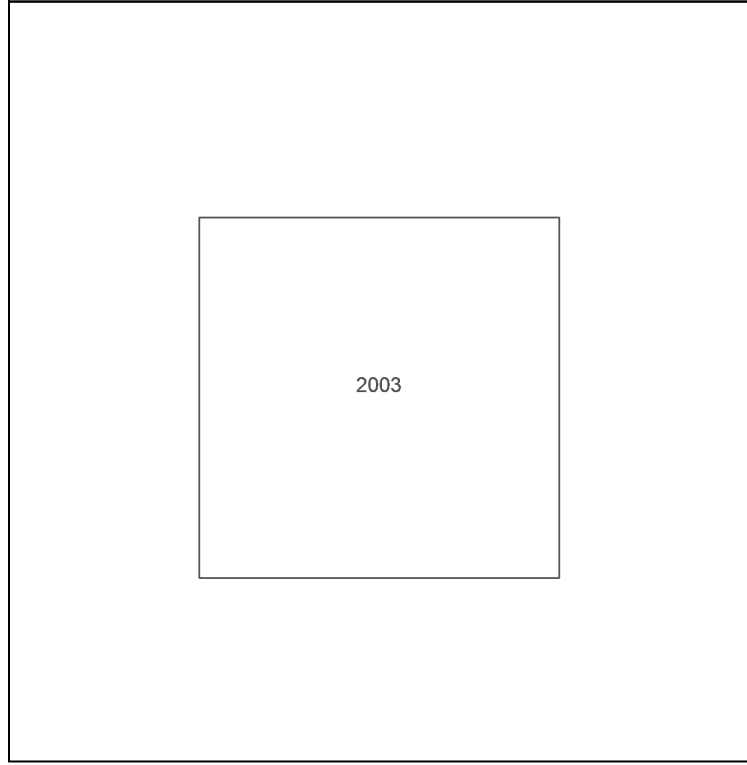
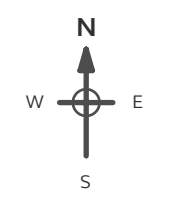
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Report Ref: GS-RHT-UJD-S5R-5WT_Landline_4_1
Grid Ref: 518859, 207254

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

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Production date: 24 September 2025

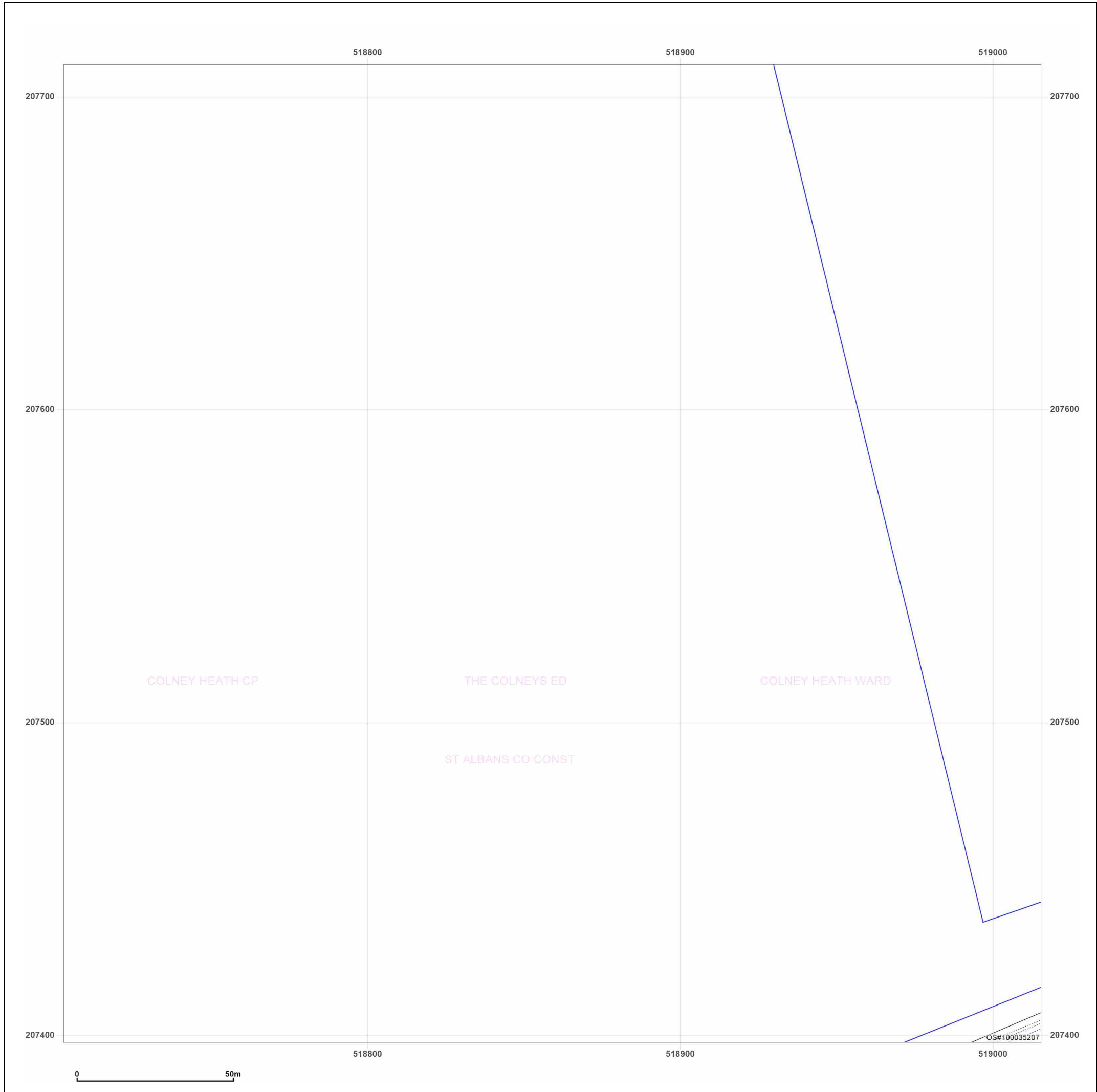
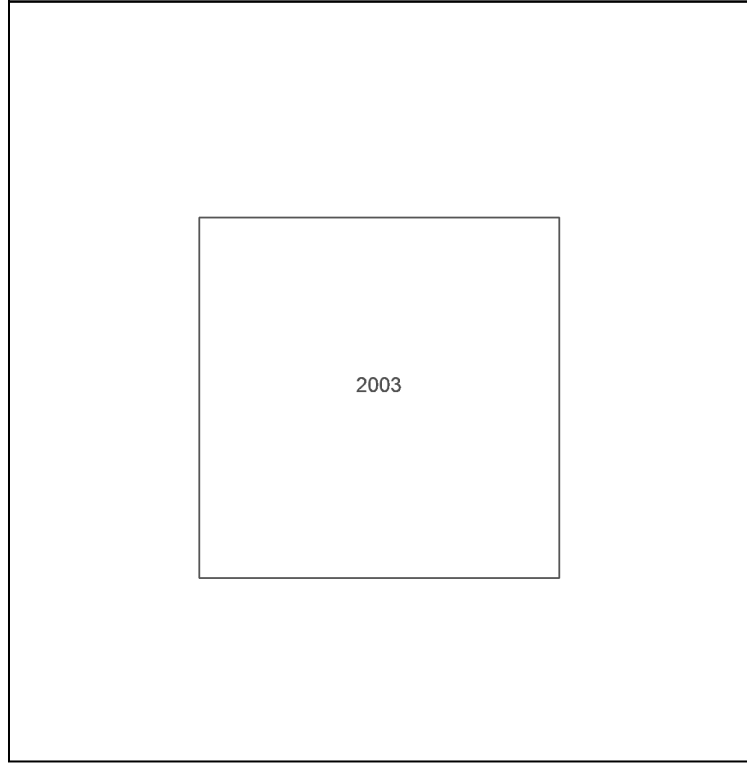
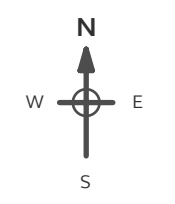
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Client Ref: P02166595
Report Ref: GS-RHT-UJD-S5R-5WT_Landline_4_2
Grid Ref: 518859, 207554

Map Name: LandLine
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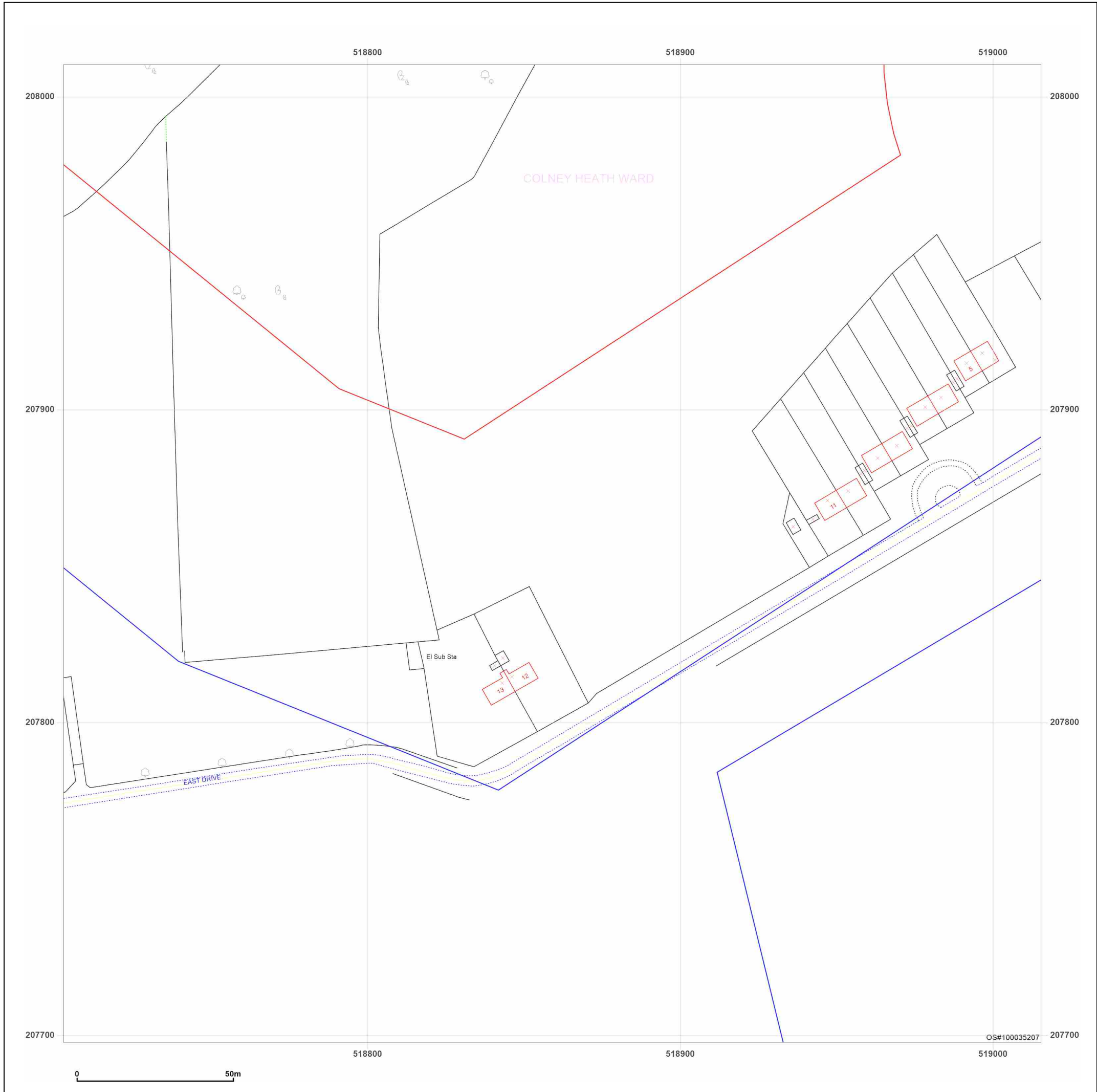
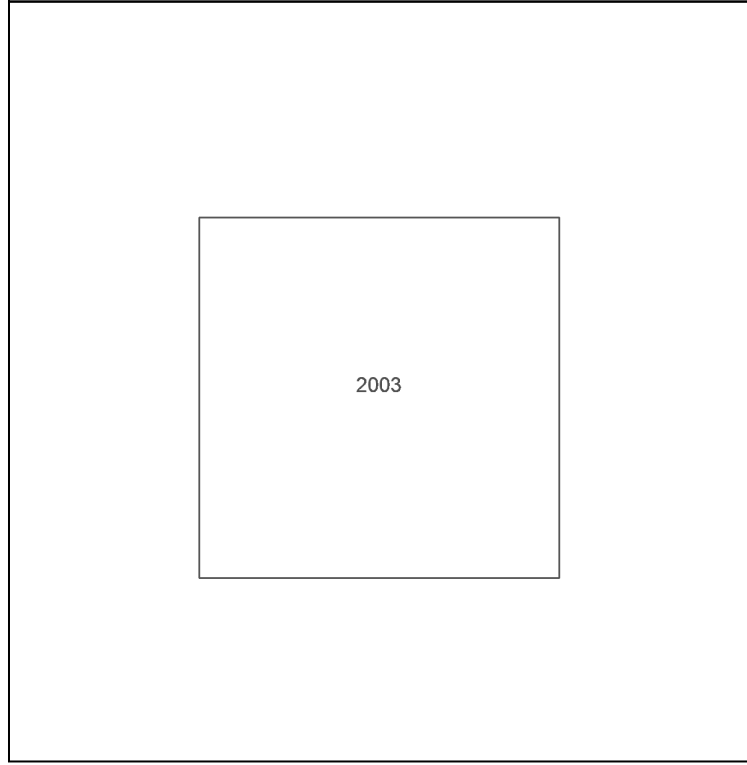
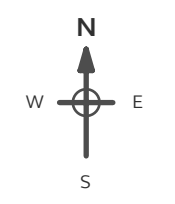
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Client Ref: P02166595
Report Ref: GS-RHT-UJD-S5R-5WT_Landline_4_3
Grid Ref: 518859, 207854

Map Name: LandLine
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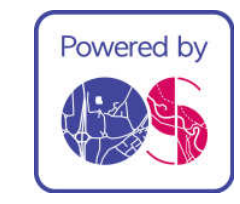
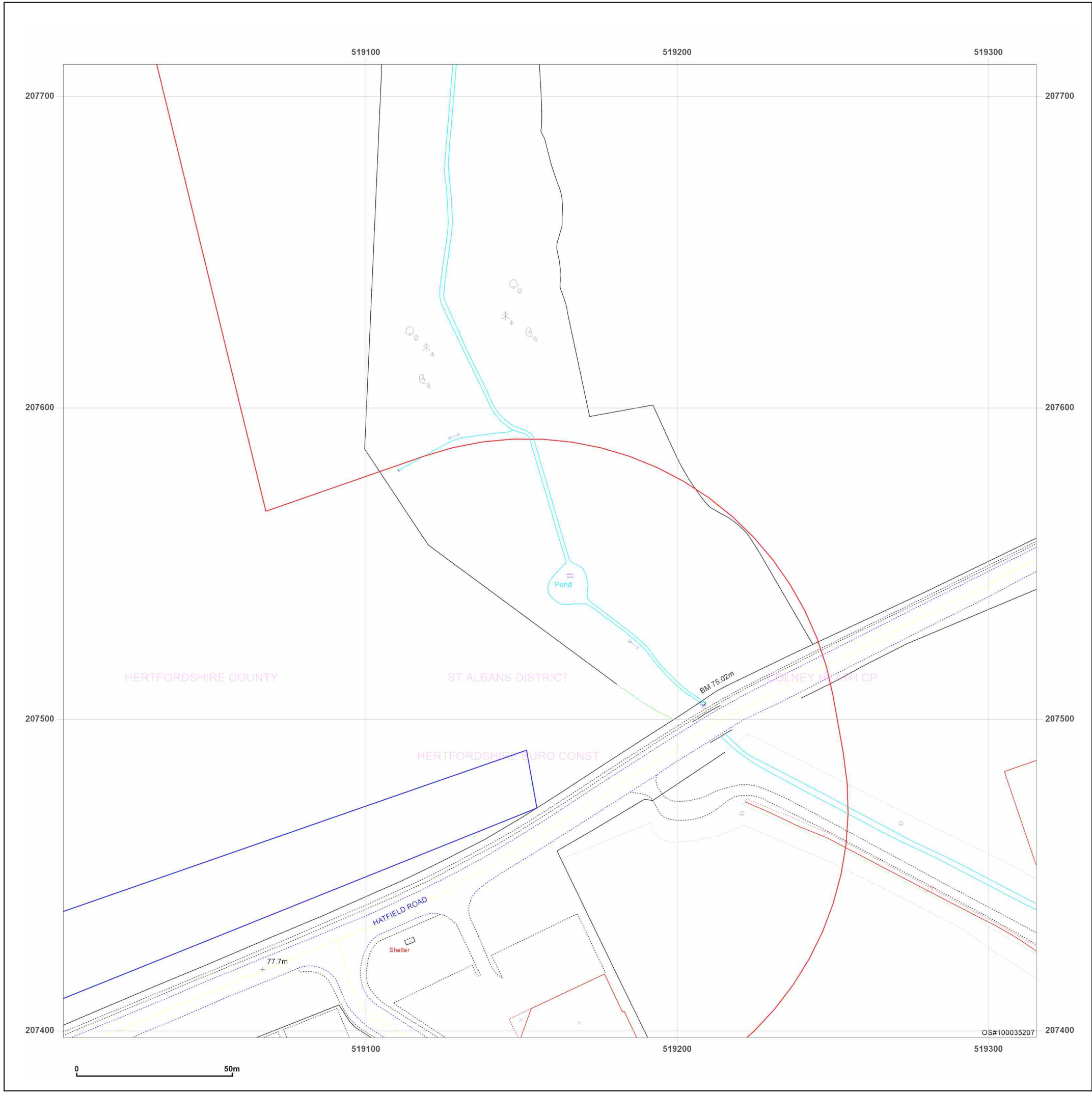
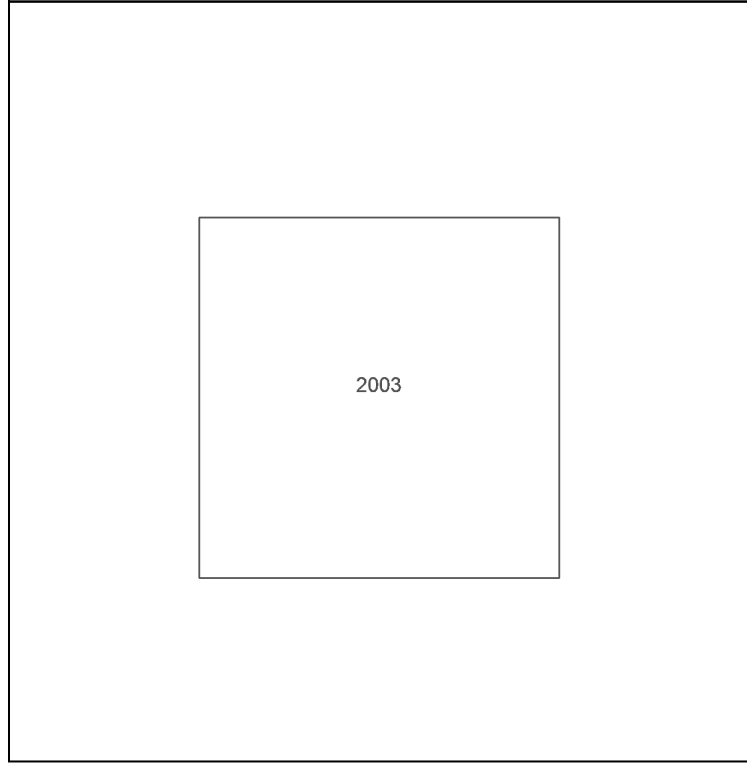
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Client Ref: P02166595
Report Ref: GS-RHT-UJD-S5R-5WT_Landline_5_2
Grid Ref: 519159, 207554

Map Name: LandLine
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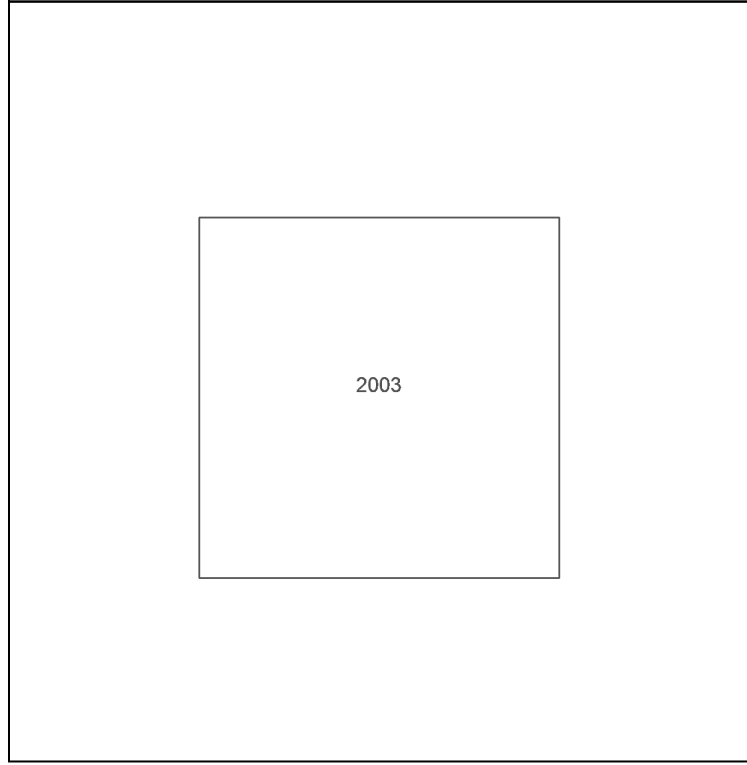
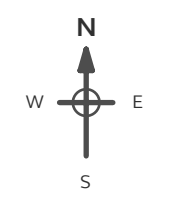
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Report Ref: GS-RHT-UJD-S5R-5WT_Landline_5_3
Grid Ref: 519159, 207854

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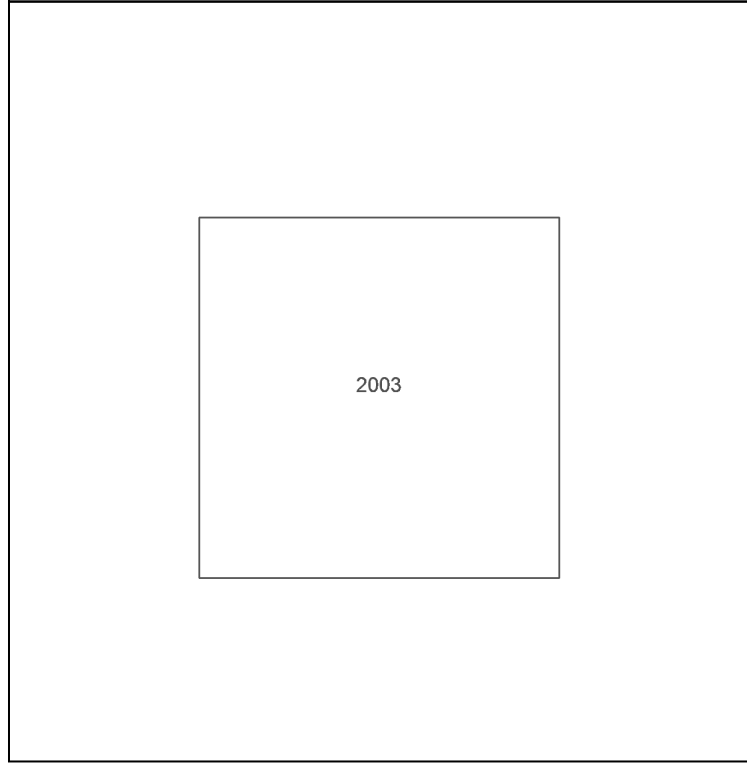
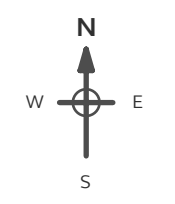


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Client Ref: P02166595
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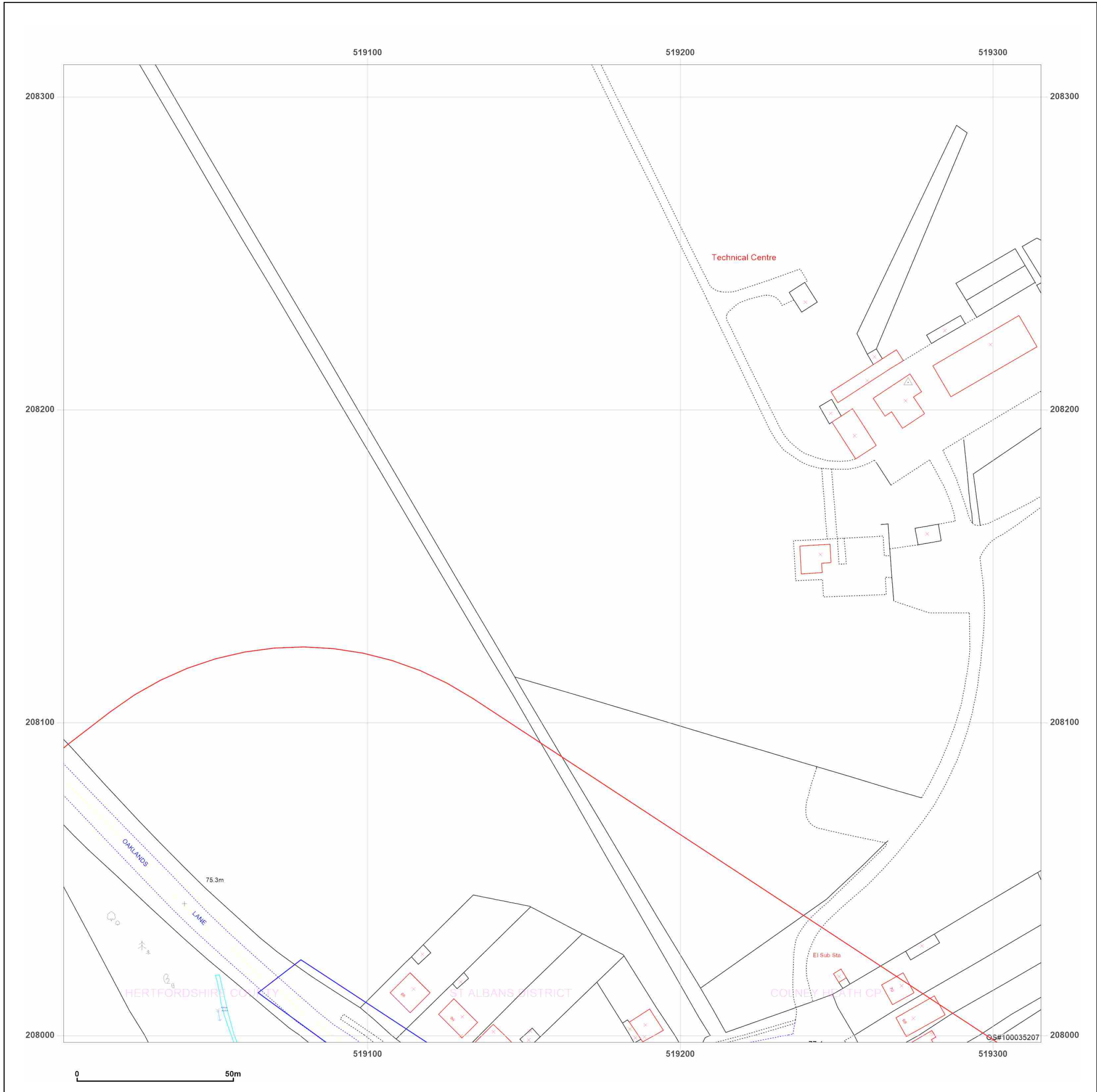


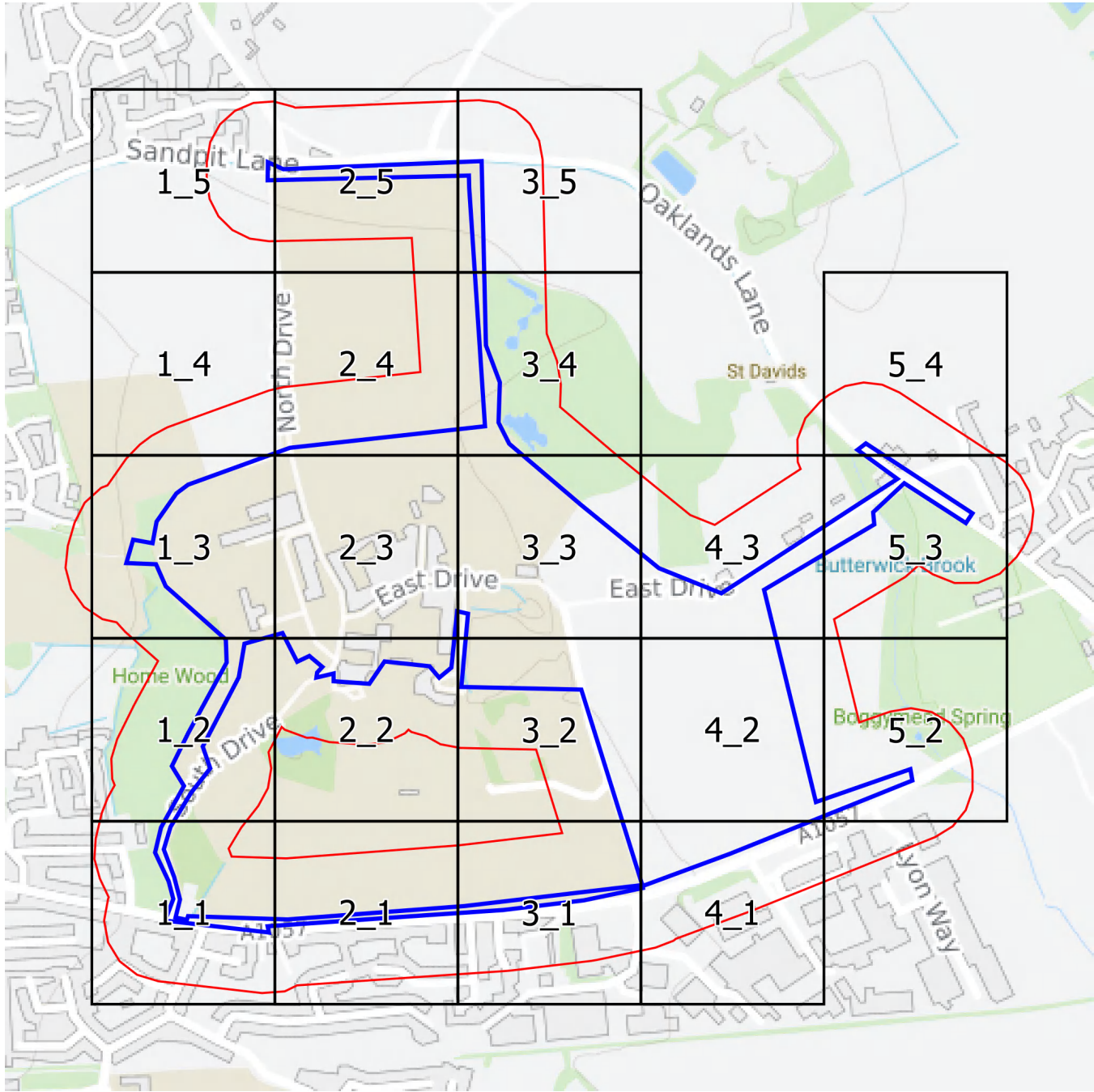
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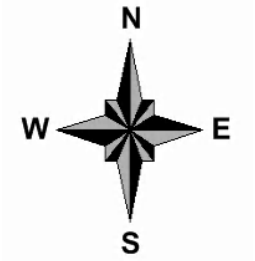
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Landline Scale Grid Index



OAKLANDS COLLEGE, OAKLANDS COLLEGE SMALLFORD CAMPUS, HATFIELD ROAD, ST ALBANS, HERTFORDSHIRE, AL4 0JA

Order Details

Date: 24/09/2025
Your ref: P02166595
Our Ref: GS-1AG-X65-JKD-VXR

Site Details

Location: 518489 207745
Area: 44.18 ha
Authority: [St Albans City and District Council](#) ↗



[Summary of findings](#)

[p. 2 >](#)

[Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

N/A: >10ha

[Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	9	9	47	46	-
19 >	1.2 >	Historical tanks >	15	1	4	16	-
20 >	1.3 >	Historical energy features >	1	5	12	14	-
22	1.4	Historical petrol stations	0	0	0	0	-
22 >	1.5 >	Historical garages >	0	0	7	3	-
23	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
24 >	2.1 >	Historical industrial land uses >	11	9	59	62	-
30 >	2.2 >	Historical tanks >	18	1	4	23	-
32 >	2.3 >	Historical energy features >	2	7	22	25	-
34	2.4	Historical petrol stations	0	0	0	0	-
34 >	2.5 >	Historical garages >	0	0	9	4	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
36 >	3.1 >	Active or recent landfill >	0	0	0	2	-
37 >	3.2 >	Historical landfill (BGS records) >	0	0	0	1	-
37	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
37 >	3.4 >	Historical landfill (EA/NRW records) >	0	3	4	3	-
39 >	3.5 >	Historical waste sites >	0	0	1	4	-
41 >	3.6 >	Licensed waste sites >	0	0	7	5	-
44 >	3.7 >	Waste exemptions >	1	1	12	73	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
53 >	4.1 >	Recent industrial land uses >	14	4	72	-	-
59 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	1	0	5	-	-
60 >	4.3 >	Current or recent petrol stations >	0	0	0	1	-
60	4.4	Electricity cables	0	0	0	0	-
60	4.5	Gas pipelines	0	0	0	0	-



61	4.6	Sites determined as Contaminated Land	0	0	0	0	-
61	4.7	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
61	4.8	Regulated explosive sites	0	0	0	0	-
61	4.9	Hazardous substance storage/usage	0	0	0	0	-
61	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
62	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
62 >	4.12 >	<u>Licensed pollutant release (Part A(2)/B) ></u>	0	0	1	4	-
63	4.13	Radioactive Substance Authorisations	0	0	0	0	-
63	4.14	Licensed Discharges to controlled waters	0	0	0	0	-
63	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
63	4.16	Pollutant release to public sewer	0	0	0	0	-
63	4.17	List 1 Dangerous Substances	0	0	0	0	-
64	4.18	List 2 Dangerous Substances	0	0	0	0	-
64 >	4.19 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	6	1	-
65	4.20	Pollution inventory substances	0	0	0	0	-
65	4.21	Pollution inventory waste transfers	0	0	0	0	-
65	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
66 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
68 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
69 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
72 >	5.4 >	<u>Groundwater vulnerability- soluble rock risk ></u>	Identified (within 0m)				
72 >	5.5 >	<u>Groundwater vulnerability- local information ></u>	Identified (within 0m)				
73 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	9	12	31
85 >	5.7 >	<u>Surface water abstractions ></u>	0	0	0	0	1
86 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	2
87 >	5.9 >	<u>Source Protection Zones ></u>	2	0	0	0	-
87	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	<u>Hydrology ></u>	On site	0-50m	50-250m	250-500m	500-2000m

88 >	6.1 >	Water Network (OS MasterMap) >	19	6	18	-	-
92 >	6.2 >	Surface water features >	1	5	10	-	-
92 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
93 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
93 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
94 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
95	7.2	Historical Flood Events	0	0	0	-	-
95	7.3	Flood Defences	0	0	0	-	-
95	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
95	7.5	Flood Storage Areas	0	0	0	-	-
96 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
97 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
98 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
100 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
101	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
102	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
102	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
102	10.4	Special Protection Areas (SPA)	0	0	0	0	0
102	10.5	National Nature Reserves (NNR)	0	0	0	0	0
103 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	2
103 >	10.7 >	Designated Ancient Woodland >	2	0	0	0	3
103	10.8	Biosphere Reserves	0	0	0	0	0
104	10.9	Forest Parks	0	0	0	0	0
104	10.10	Marine Conservation Zones	0	0	0	0	0
104 >	10.11 >	Green Belt >	1	0	0	0	2



104	10.12	Proposed Ramsar sites	0	0	0	0	0
105	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
105	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
105	10.15	Nitrate Sensitive Areas	0	0	0	0	0
105 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	1	0
107 >	10.17 >	SSSI Impact Risk Zones >	3	-	-	-	-
108	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
109	11.1	World Heritage Sites	0	0	0	-	-
110	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
110	11.3	National Parks	0	0	0	-	-
110 >	11.4 >	Listed Buildings >	1	0	0	-	-
111	11.5	Conservation Areas	0	0	0	-	-
111	11.6	Scheduled Ancient Monuments	0	0	0	-	-
111	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
112 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
115	12.2	Open Access Land	0	0	0	-	-
115	12.3	Tree Felling Licences	0	0	0	-	-
115 >	12.4 >	Environmental Stewardship Schemes >	2	2	0	-	-
115 >	12.5 >	Countryside Stewardship Schemes >	6	3	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
117 >	13.1 >	Priority Habitat Inventory >	14	10	12	-	-
119	13.2	Habitat Networks	0	0	0	-	-
119	13.3	Open Mosaic Habitat	0	0	0	-	-
119	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
120 >	14.1 >	10k Availability >	Identified (within 500m)				
121	14.2	Artificial and made ground (10k)	0	0	0	0	-



122	14.3	Superficial geology (10k)	0	0	0	0	-
122	14.4	Landslip (10k)	0	0	0	0	-
123	14.5	Bedrock geology (10k)	0	0	0	0	-
123	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
124 >	15.1 >	50k Availability >	Identified (within 500m)				
125	15.2	Artificial and made ground (50k)	0	0	0	0	-
125	15.3	Artificial ground permeability (50k)	0	0	-	-	-
126 >	15.4 >	Superficial geology (50k) >	3	1	1	0	-
127 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
127	15.6	Landslip (50k)	0	0	0	0	-
127	15.7	Landslip permeability (50k)	None (within 50m)				
128 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
129 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
129	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
130 >	16.1 >	BGS Boreholes >	4	6	21	-	-
Page	Section	Natural ground subsidence >					
133 >	17.1 >	Shrink swell clays >	Low (within 50m)				
135 >	17.2 >	Running sands >	Low (within 50m)				
137 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
139 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
140 >	17.5 >	Landslides >	Very low (within 50m)				
141 >	17.6 >	Ground dissolution of soluble rocks >	Moderate (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
143 >	18.1 >	BritPits >	0	1	5	10	-
148 >	18.2 >	Surface ground workings >	9	5	50	-	-
150 >	18.3 >	Underground workings >	0	0	0	0	1
150	18.4	Underground mining extents	0	0	0	0	-

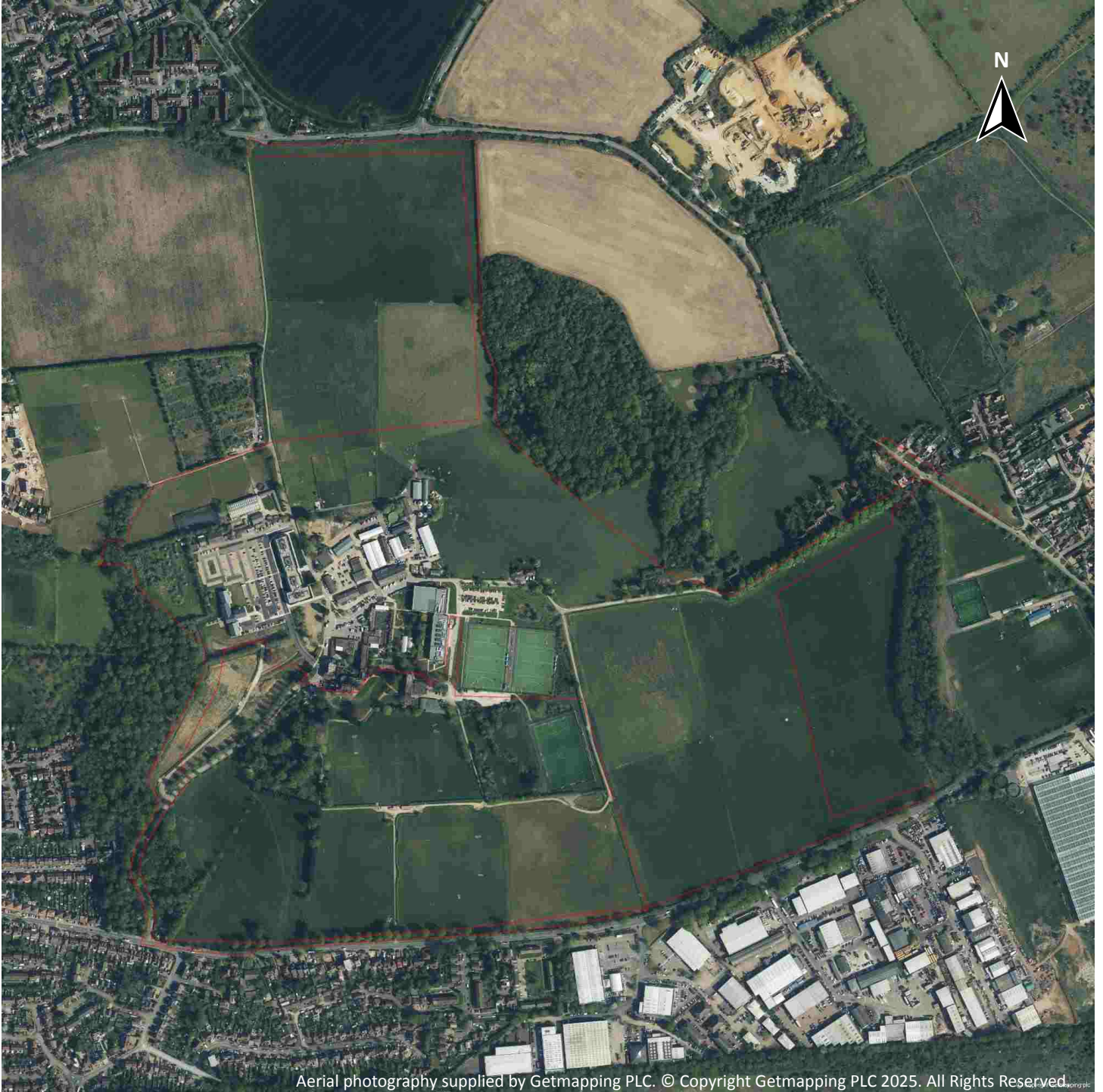


151 >	18.5 >	Historical Mineral Planning Areas >	1	1	2	4	-
152 >	18.6 >	Non-coal mining >	3	0	0	0	1
152	18.7	JPB mining areas	None (within 0m)				
153	18.8	The Coal Authority non-coal mining	0	0	0	0	-
153 >	18.9 >	Researched mining >	1	0	6	5	-
154	18.10	Mining record office plans	0	0	0	0	-
154	18.11	BGS mine plans	0	0	0	0	-
154	18.12	Coal mining	None (within 0m)				
154	18.13	Brine areas	None (within 0m)				
154	18.14	Gypsum areas	None (within 0m)				
155	18.15	Tin mining	None (within 0m)				
155	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
156 >	19.1 >	Natural cavities >	0	0	0	1	-
157 >	19.2 >	Mining cavities >	1	0	0	1	1
157 >	19.3 >	Reported recent incidents >	0	0	0	2	-
158	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
159 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
161 >	21.1 >	BGS Estimated Background Soil Chemistry >	20	11	-	-	-
163	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
163	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
164	22.1	Underground railways (London)	0	0	0	-	-
164	22.2	Underground railways (Non-London)	0	0	0	-	-
165	22.3	Railway tunnels	0	0	0	-	-
165 >	22.4 >	Historical railway and tunnel features >	0	2	12	-	-
166	22.5	Royal Mail tunnels	0	0	0	-	-



166 >	22.6 >	Historical railways >	0	0	3	-	-
166	22.7	Railways	0	0	0	-	-
166	22.8	Crossrail 2	0	0	0	0	-
167	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 21/04/2022

Site Area: 44.18ha



Recent site history - 2019 aerial photograph



Capture Date: 29/06/2019

Site Area: 44.18ha



Recent site history - 2013 aerial photograph



Capture Date: 04/04/2013

Site Area: 44.18ha



Recent site history - 2005 aerial photograph

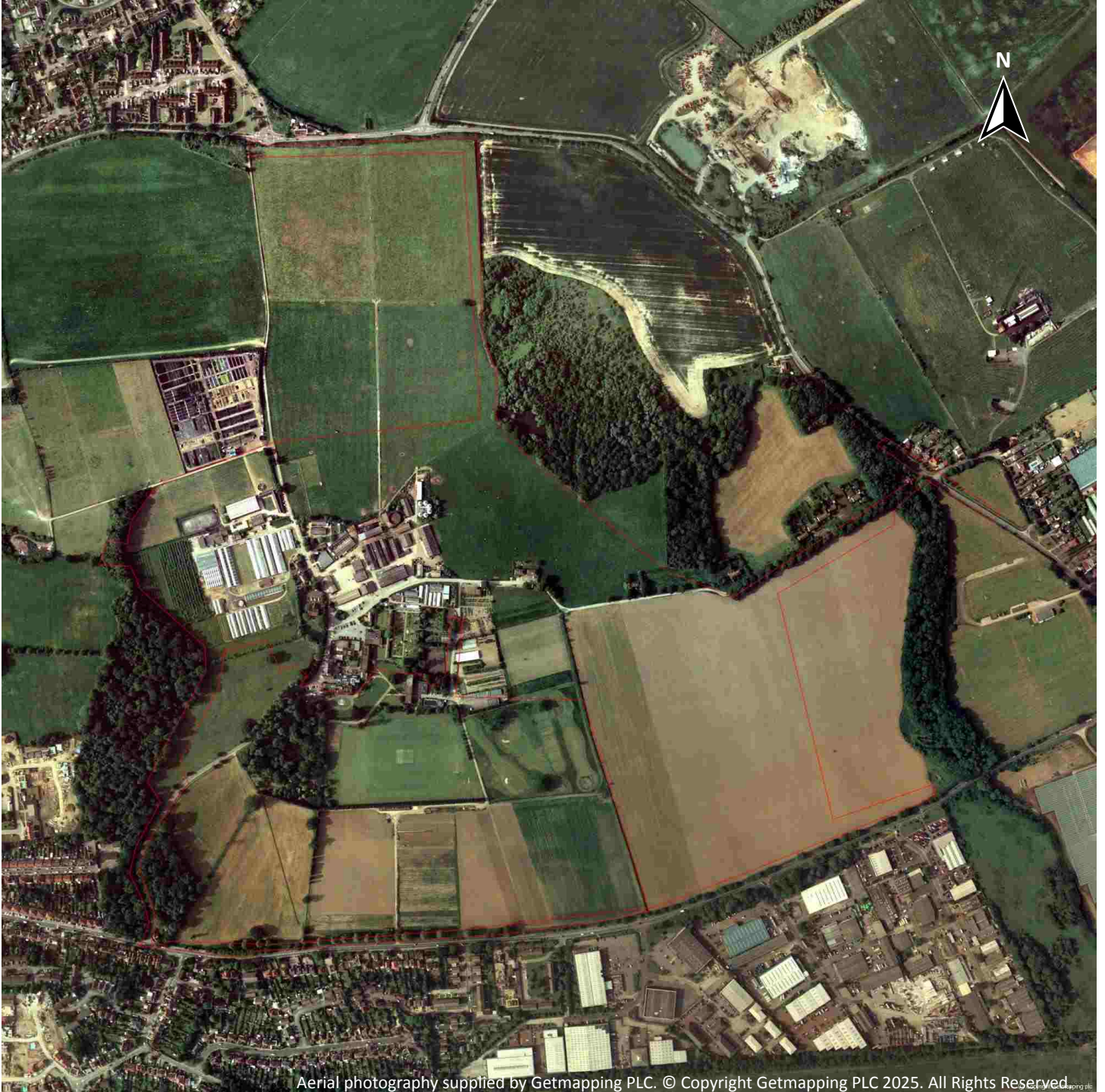


Capture Date: 29/08/2005

Site Area: 44.18ha



Recent site history - 1999 aerial photograph

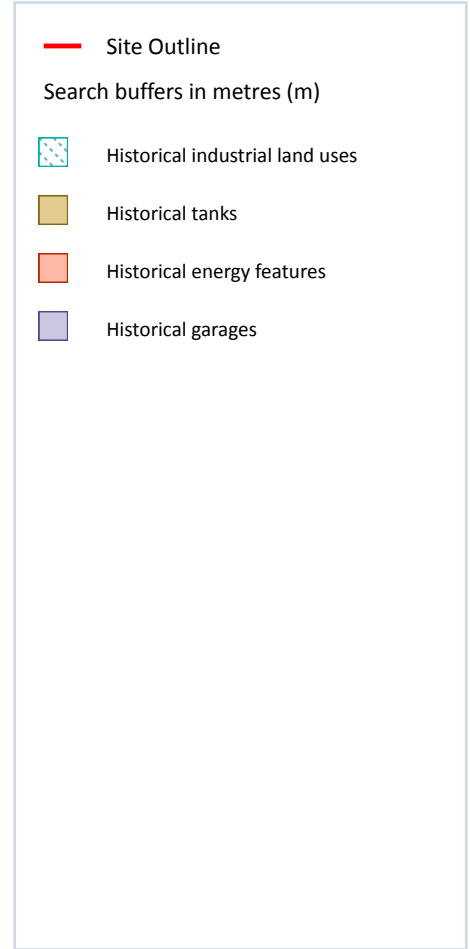
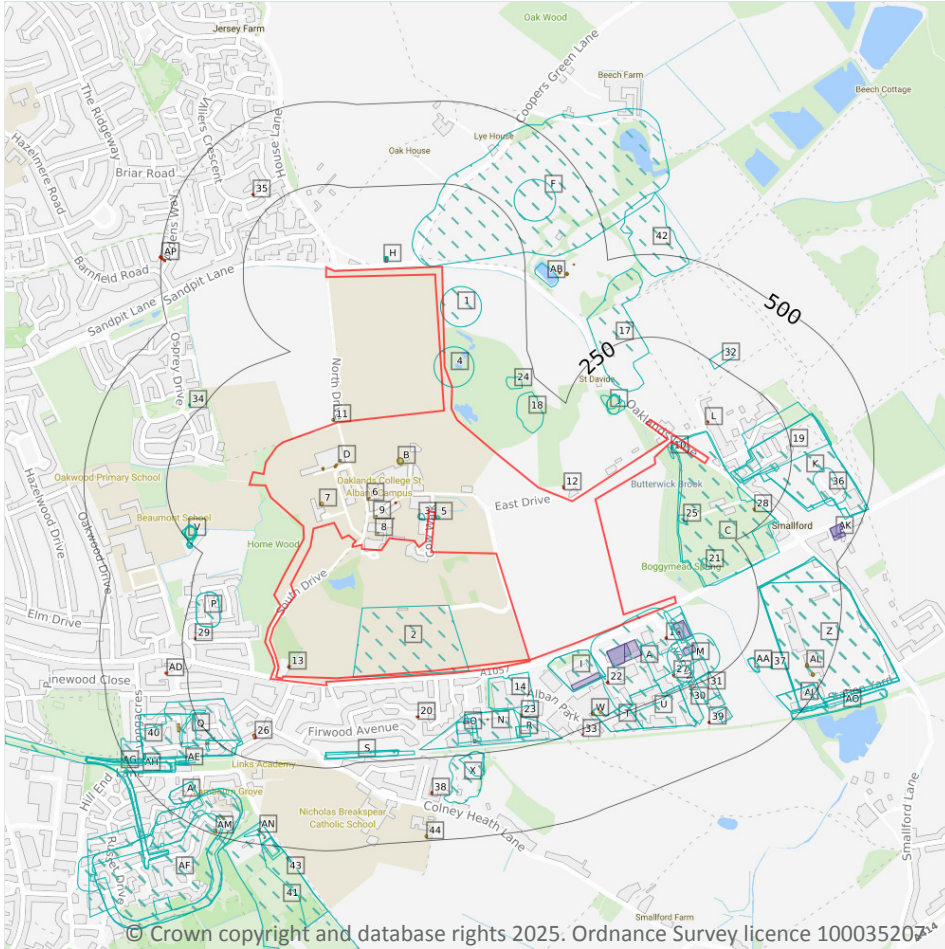


Capture Date: 27/05/1999

Site Area: 44.18ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

111

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Workings	1978	2080738



ID	Location	Land use	Dates present	Group ID
2	On site	Nursery	1983	2084907
3	On site	Unspecified Pit	1883	2087859
4	On site	Unspecified Disused Workings	1983	2092230
5	On site	Filter Bed	1922 - 1938	2143687
A	On site	Unspecified Factories	1983	2073206
B	On site	Unspecified Tank	1983	2081665
C	On site	Nursery	1938	2104614
C	On site	Nursery	1960	2115959
F	3m N	Unspecified Workings	1978	2080737
10	4m SE	Unspecified Pit	1883	2087384
G	14m S	Unspecified Works	1983	2079994
I	22m S	Unspecified Factory	1978	2078537
I	22m S	Unspecified Works	1983	2080104
H	22m N	Electric Substation	1983	2128663
H	22m N	Electric Substation	1978	2134190
14	28m S	Unspecified Depot	1978	2076112
G	36m SE	Unspecified Factory	1978	2078511
J	79m NW	Refuse Heap	1922 - 1938	2118347
K	80m SE	Nursery	1938	2156121
15	81m S	Unspecified Works	1978	2079997
K	88m SE	Nursery	1978	2096581
K	88m SE	Nursery	1983	2102636
J	90m W	Refuse Heap	1922	2107776
17	101m N	Gravel Pit	1960	2095004
J	104m NW	Gravel Pit	1896	2095003
M	109m SE	Unspecified Depot	1983	2076059
18	114m NE	Gravel Pits	1938	2093860
19	119m SE	Nursery	1960	2154775



ID	Location	Land use	Dates present	Group ID
21	122m NE	Refuse Heap	1922	2114898
N	128m S	Unspecified Commercial/Industrial	1960	2072735
N	128m S	Railway Sidings	1960	2076762
O	140m S	Unspecified Warehouse	1978	2135052
O	141m S	Unspecified Warehouse	1983	2146708
P	148m W	Unspecified Station	1983	2109796
P	148m W	Unspecified Station	1978	2114637
Q	154m SW	Brick Works	1937 - 1938	2148702
24	164m E	Gravel Pits	1938	2093861
25	167m S	Unspecified Pit	1938 - 1960	2100623
M	184m SE	Unspecified Works	1983	2079995
R	186m S	Unspecified Warehouse	1978	2116984
R	186m S	Unspecified Warehouse	1983	2140419
S	202m S	Cuttings	1937 - 1938	2155939
S	204m S	Cuttings	1960	2133182
T	204m S	Unspecified Works	1983	2145186
T	204m S	Unspecified Works	1978	2147326
U	209m S	Unspecified Depot	1978	2151063
U	209m S	Unspecified Depot	1983	2152042
Q	209m SW	Unspecified Works	1978	2131751
Q	209m SW	Unspecified Works	1983	2153494
V	209m SW	Unspecified Pits	1922	2090116
S	210m S	Cuttings	1883	2110507
V	211m SW	Unspecified Pit	1960	2147376
V	211m SW	Unspecified Pit	1922 - 1938	2108390
V	212m SW	Unspecified Pit	1883	2144660
V	212m SW	Old Chalk Pits	1896	2086055
Q	219m SW	Refuse Heap	1937 - 1938	2133719



ID	Location	Land use	Dates present	Group ID
30	231m S	Unspecified Factory	1983	2078512
31	231m SE	Unspecified Factories	1983	2073207
32	234m NE	Radio Station	1983	2072891
X	243m S	Old Gravel Pit	1937 - 1938	2142396
X	243m S	Unspecified Pit	1960	2087860
Y	244m SW	Unspecified Ground Workings	1937 - 1938	2146870
V	249m SW	Unspecified Pit	1922	2110839
V	249m SW	Old Chalk Pits	1896	2086056
V	251m SW	Unspecified Pit	1883	2123384
Z	254m E	Nursery	1960	2118642
Z	254m E	Nurseries	1978	2124808
Z	254m E	Nurseries	1983	2154056
Z	256m E	Nursery	1937	2112503
Z	256m E	Nursery	1938	2131207
AA	277m SE	Refuse Heap	1922	2077577
34	277m NW	Wind Pump	1922	2073235
AA	278m SE	Gravel Pit	1938	2094950
AB	280m E	Unspecified Disused Pit	1978	2085412
F	282m NE	Unspecified Disused Workings	1983	2092229
AC	308m SE	Unspecified Works	1983	2079996
36	323m E	Nursery	1960	2114783
AE	337m SW	Railway Station	1960	2147874
37	343m SE	Pump House	1937 - 1938	2124587
AE	350m SW	Disused Railway Station	1978	2086007
AC	352m SE	Unspecified Warehouse	1983	2094189
AE	354m SW	Railway Station	1922 - 1938	2113314
AF	358m S	Hospital	1983	2095779
AF	358m S	Hospital	1978	2134972



ID	Location	Land use	Dates present	Group ID
AE	359m SW	Unspecified Station	1938	2084282
AF	373m S	Hospital	1960	2140273
AG	376m SW	Railway Sidings	1960	2155465
AH	385m SW	Railway Sidings	1922 - 1937	2119362
AI	391m SW	Isolation Hospital	1922 - 1938	2150218
AG	392m SW	Railway Sidings	1896	2142146
AI	392m SW	Isolation Hospital	1938 - 1960	2144963
AH	397m SW	Railway Sidings	1938	2105159
AJ	414m SE	Unspecified Depot	1983	2123668
AJ	414m SE	Unspecified Depot	1978	2126398
41	432m S	Sewage Farm	1938	2128500
42	433m N	Sand and Gravel Pit	1983	2074808
AG	434m SW	Unspecified Works	1983	2148571
AF	444m SW	Mental Hospital	1938	2102222
43	445m S	Sewage Farm	1922	2097246
AF	447m SW	Mental Hospital	1922 - 1938	2127671
AN	454m S	Sewage Tanks	1938	2134529
AN	457m S	Sewage Tanks	1922	2149104
AG	458m SW	Cuttings	1883	2074886
AN	467m S	Sewage Tanks	1938	2112846
AN	470m S	Sewage Tanks	1922	2107695
AN	473m S	Filter Beds	1922	2123911
AN	478m S	Filter Beds	1938	2109696
AO	480m SE	Railway Sidings	1960	2120661
AM	484m S	Unspecified Tank	1938	2081408
AO	485m SE	Railway Sidings	1922 - 1938	2104408

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

36

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

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

ID	Location	Land use	Dates present	Group ID
6	On site	Unspecified Tank	1984	364348
7	On site	Unspecified Tank	1994	364355
8	On site	Unspecified Tank	1924	364357
9	On site	Unspecified Tank	1924 - 1937	368854
B	On site	Unspecified Tank	1984 - 1994	371177
D	On site	Unspecified Tank	1994	364354
D	On site	Unspecified Tank	1964 - 1965	367560
D	On site	Unspecified Tank	1964	367563
D	On site	Unspecified Tank	1937	368674
D	On site	Tanks	1994	370287
D	On site	Tanks	1994	370443
D	On site	Tanks	1984	370862
D	On site	Unspecified Tank	1965	371392
D	On site	Unspecified Tank	1984	371512
E	On site	Unspecified Tank	1924	364358
11	8m N	Unspecified Tank	1996	364338
N	149m S	Unspecified Tank	1994	364343
28	199m SE	Unspecified Tank	1937	364351
W	214m S	Unspecified Tank	1985	364340
W	218m S	Unspecified Tank	1985	364356
Y	268m SW	Unspecified Tank	1976	364350



ID	Location	Land use	Dates present	Group ID
Q	306m SW	Tanks	1976	359977
AB	351m E	Unspecified Tank	1958 - 1974	369438
AB	352m E	Unspecified Tank	1996	374145
AB	372m E	Tanks	1996	368152
AB	372m E	Tanks	1958 - 1974	370707
AB	396m E	Unspecified Tank	1996	364339
AL	434m SE	Unspecified Tank	-	358924
AL	434m SE	Unspecified Tank	1962 - 1994	372687
AM	440m S	Unspecified Tank	1937	364359
AN	459m S	Sewage Tanks	1924	360642
AL	462m SE	Unspecified Tank	1962 - 1994	367323
AL	462m SE	Unspecified Tank	-	358926
AN	478m S	Sewage Tanks	1924	360643
44	482m S	Unspecified Tank	1996	364341
AM	487m S	Unspecified Tank	1924 - 1937	368824

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

32

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

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

ID	Location	Land use	Dates present	Group ID
E	On site	Electricity Substation	1984 - 1994	259737
H	20m N	Electricity Substation	1974	265188
H	21m N	Electricity Substation	1958	261224



ID	Location	Land use	Dates present	Group ID
H	23m N	Electricity Substation	1996	259012
12	24m N	Electricity Substation	1993	249155
13	26m N	Electricity Substation	1976 - 1999	255977
16	85m S	Electricity Substation	1969 - 1994	254472
L	87m NE	Electricity Transformer	1974	250600
L	88m NE	Electricity Substation	1994	255655
20	122m S	Electricity Substation	1977 - 1991	251382
22	143m S	Electricity Substation	1969 - 1994	261240
23	151m S	Electricity Substation	1994	249142
26	173m S	Electricity Substation	1976 - 1999	262595
27	197m S	Electricity Substation	1969 - 1994	257189
O	207m S	Electricity Substation	1994	249144
29	210m W	Electricity Substation	1976	249146
T	242m S	Electricity Substation	1994	253421
T	243m S	Electricity Substation	1969	262091
33	265m S	Electricity Substation	1994	249143
35	308m NW	Electricity Substation	1979 - 1993	252915
AD	310m W	Electricity Substation	1976	256252
AD	310m W	Electricity Substation	1996 - 1999	260773
Q	330m SW	Electricity Substation	1976	249148
38	352m S	Electricity Substation	1971 - 1996	258205
39	370m S	Electricity Substation	1969 - 1994	251902
40	419m SW	Electricity Substation	1976	249147
AP	486m W	Electricity Substation	1985 - 1993	258126
AP	486m W	Electricity Substation	1982	261661
AP	486m W	Electricity Substation	1983	262823
AG	493m SW	Electricity Substation	1996 - 1998	254897
AG	493m SW	Electricity Substation	1995	260462



ID	Location	Land use	Dates present	Group ID
AG	493m SW	Electricity Substation	1983 - 1993	261636

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	10
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Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land use	Dates present	Group ID
A	57m S	Garage	1969	77911
G	57m S	Garage	1994	77053
A	57m S	Garage	1994	79852
A	57m S	Garage	1969 - 1985	78326
I	109m S	Garage	1994	77051
M	135m S	Garage	1994	77054
O	147m S	Garage	1969	77050
AK	425m SE	Garage	1962	80314
AK	425m SE	Garage	1965	78414
AK	446m SE	Garage	1994	77489



This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

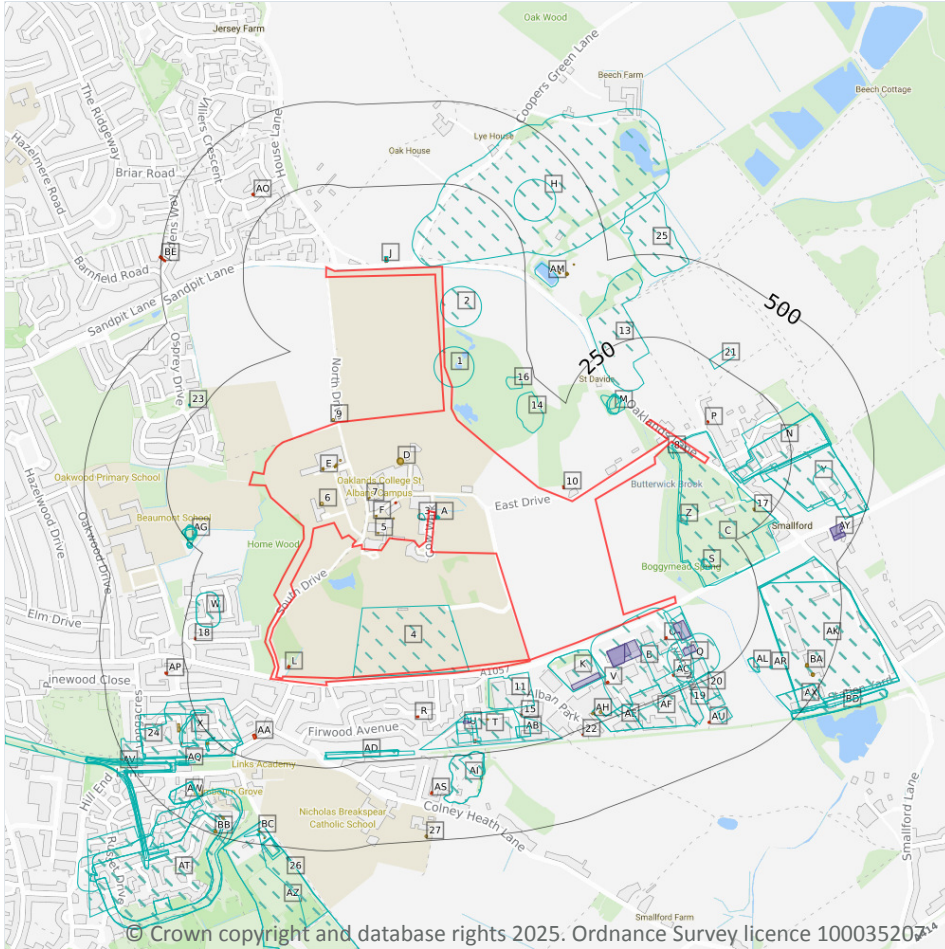
0





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

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



2 Past land use - un-grouped



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

2.1 Historical industrial land uses

Records within 500m

141

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

Features are displayed on the Past land use - un-grouped map on [page 24 >](#)

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Disused Workings	1983	2092230
2	On site	Unspecified Workings	1978	2080738
3	On site	Unspecified Pit	1883	2087859



ID	Location	Land Use	Date	Group ID
4	On site	Nursery	1983	2084907
A	On site	Filter Bed	1922	2143687
A	On site	Filter Bed	1922	2143687
A	On site	Filter Bed	1938	2143687
B	On site	Unspecified Factories	1983	2073206
C	On site	Nursery	1938	2104614
C	On site	Nursery	1960	2115959
D	On site	Unspecified Tank	1983	2081665
H	3m N	Unspecified Workings	1978	2080737
8	4m SE	Unspecified Pit	1883	2087384
I	14m S	Unspecified Works	1983	2079994
K	22m S	Unspecified Works	1983	2080104
K	22m S	Unspecified Factory	1978	2078537
J	22m N	Electric Substation	1983	2128663
J	22m N	Electric Substation	1978	2134190
11	28m S	Unspecified Depot	1978	2076112
I	36m SE	Unspecified Factory	1978	2078511
M	79m NW	Refuse Heap	1938	2118347
N	80m SE	Nursery	1938	2156121
12	81m S	Unspecified Works	1978	2079997
N	88m SE	Nursery	1983	2102636
N	88m SE	Nursery	1978	2096581
M	90m W	Refuse Heap	1922	2107776
M	91m W	Refuse Heap	1922	2118347
13	101m N	Gravel Pit	1960	2095004
M	104m NW	Gravel Pit	1896	2095003
Q	109m SE	Unspecified Depot	1983	2076059
14	114m NE	Gravel Pits	1938	2093860



ID	Location	Land Use	Date	Group ID
N	119m SE	Nursery	1960	2154775
S	122m NE	Refuse Heap	1922	2114898
T	128m S	Railway Sidings	1960	2076762
T	128m S	Unspecified Commercial/Industrial	1960	2072735
S	128m NE	Refuse Heap	1922	2114898
U	140m S	Unspecified Warehouse	1978	2135052
U	141m S	Unspecified Warehouse	1983	2146708
W	148m W	Unspecified Station	1983	2109796
W	148m W	Unspecified Station	1978	2114637
X	154m SW	Brick Works	1938	2148702
X	154m SW	Brick Works	1937	2148702
Y	161m E	Nursery	1983	2102636
Y	161m E	Nursery	1978	2096581
16	164m E	Gravel Pits	1938	2093861
Z	167m S	Unspecified Pit	1960	2100623
Z	169m S	Unspecified Pit	1938	2100623
Y	180m E	Nursery	1938	2156121
Q	184m SE	Unspecified Works	1983	2079995
AB	186m S	Unspecified Warehouse	1983	2140419
AB	186m S	Unspecified Warehouse	1978	2116984
AD	202m S	Cuttings	1938	2155939
AD	202m S	Cuttings	1937	2155939
AD	204m S	Cuttings	1960	2133182
AE	204m S	Unspecified Works	1983	2145186
AE	204m S	Unspecified Works	1978	2147326
AF	209m S	Unspecified Depot	1983	2152042
AF	209m S	Unspecified Depot	1978	2151063
X	209m SW	Unspecified Works	1983	2153494



ID	Location	Land Use	Date	Group ID
X	209m SW	Unspecified Works	1978	2131751
AG	209m SW	Unspecified Pits	1922	2090116
AD	210m S	Cuttings	1883	2110507
AG	211m SW	Unspecified Pit	1960	2147376
AG	211m SW	Unspecified Pit	1922	2108390
AG	212m SW	Unspecified Pit	1883	2144660
AG	212m SW	Old Chalk Pits	1896	2086055
AG	213m SW	Unspecified Pit	1938	2108390
X	219m SW	Refuse Heap	1938	2133719
X	219m SW	Refuse Heap	1937	2133719
19	231m S	Unspecified Factory	1983	2078512
20	231m SE	Unspecified Factories	1983	2073207
21	234m NE	Radio Station	1983	2072891
AI	243m S	Old Gravel Pit	1938	2142396
AI	243m S	Old Gravel Pit	1937	2142396
AI	243m S	Unspecified Pit	1960	2087860
AJ	244m SW	Unspecified Ground Workings	1938	2146870
AJ	244m SW	Unspecified Ground Workings	1937	2146870
AG	249m SW	Unspecified Pit	1922	2110839
AG	249m SW	Old Chalk Pits	1896	2086056
AG	251m SW	Unspecified Pit	1883	2123384
AK	254m E	Nursery	1960	2118642
AK	254m E	Nurseries	1983	2154056
AK	254m E	Nurseries	1978	2124808
AK	256m E	Nursery	1938	2131207
AK	256m E	Nursery	1937	2112503
AL	277m SE	Refuse Heap	1922	2077577
23	277m NW	Wind Pump	1922	2073235



ID	Location	Land Use	Date	Group ID
AL	278m SE	Gravel Pit	1938	2094950
AM	280m E	Unspecified Disused Pit	1978	2085412
H	282m NE	Unspecified Disused Workings	1983	2092229
AN	308m SE	Unspecified Works	1983	2079996
Y	323m E	Nursery	1960	2114783
AQ	337m SW	Railway Station	1960	2147874
AR	343m SE	Pump House	1938	2124587
AR	343m SE	Pump House	1937	2124587
AQ	350m SW	Disused Railway Station	1978	2086007
AN	352m SE	Unspecified Warehouse	1983	2094189
AQ	354m SW	Railway Station	1938	2113314
AQ	354m SW	Railway Station	1937	2113314
AQ	354m SW	Railway Station	1922	2113314
AT	358m S	Hospital	1983	2095779
AT	358m S	Hospital	1978	2134972
AQ	359m SW	Unspecified Station	1938	2084282
AT	373m S	Hospital	1960	2140273
AV	376m SW	Railway Sidings	1960	2155465
AV	385m SW	Railway Sidings	1922	2119362
AW	391m SW	Isolation Hospital	1938	2150218
AW	391m SW	Isolation Hospital	1937	2150218
AW	391m SW	Isolation Hospital	1922	2150218
AV	392m SW	Railway Sidings	1896	2142146
AW	392m SW	Isolation Hospital	1960	2144963
AW	393m SW	Isolation Hospital	1938	2144963
AV	397m SW	Railway Sidings	1938	2105159
AV	398m SW	Railway Sidings	1938	2105159
AV	398m SW	Railway Sidings	1937	2119362



ID	Location	Land Use	Date	Group ID
AX	414m SE	Unspecified Depot	1983	2123668
AX	414m SE	Unspecified Depot	1978	2126398
AZ	432m S	Sewage Farm	1938	2128500
AZ	432m S	Sewage Farm	1938	2128500
25	433m N	Sand and Gravel Pit	1983	2074808
AV	434m SW	Unspecified Works	1983	2148571
AT	444m SW	Mental Hospital	1938	2102222
26	445m S	Sewage Farm	1922	2097246
AT	447m SW	Mental Hospital	1938	2127671
AT	447m SW	Mental Hospital	1937	2127671
AT	447m SW	Mental Hospital	1922	2127671
BC	454m S	Sewage Tanks	1938	2134529
BC	454m S	Sewage Tanks	1938	2134529
BC	457m S	Sewage Tanks	1922	2149104
AV	458m SW	Cuttings	1883	2074886
BC	467m S	Sewage Tanks	1938	2112846
BC	467m S	Sewage Tanks	1938	2112846
BC	470m S	Sewage Tanks	1922	2107695
BC	473m S	Filter Beds	1922	2123911
BC	478m S	Filter Beds	1938	2109696
BC	478m S	Filter Beds	1938	2109696
BD	480m SE	Railway Sidings	1960	2120661
BB	484m S	Unspecified Tank	1938	2081408
BD	485m SE	Railway Sidings	1938	2104408
BD	485m SE	Railway Sidings	1937	2104408
BD	485m SE	Railway Sidings	1922	2104408

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

46

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

Features are displayed on the Past land use - un-grouped map on [page 24 >](#)

ID	Location	Land Use	Date	Group ID
5	On site	Unspecified Tank	1924	364357
6	On site	Unspecified Tank	1994	364355
7	On site	Unspecified Tank	1984	364348
D	On site	Unspecified Tank	1994	371177
D	On site	Unspecified Tank	1984	371177
E	On site	Unspecified Tank	1965	367560
E	On site	Unspecified Tank	1965	371392
E	On site	Tanks	1994	370443
E	On site	Unspecified Tank	1994	364354
E	On site	Tanks	1994	370287
E	On site	Unspecified Tank	1964	367560
E	On site	Unspecified Tank	1964	367563
E	On site	Unspecified Tank	1984	371512
E	On site	Tanks	1984	370862
E	On site	Unspecified Tank	1937	368674
F	On site	Unspecified Tank	1924	368854
F	On site	Unspecified Tank	1937	368854
G	On site	Unspecified Tank	1924	364358
9	8m N	Unspecified Tank	1996	364338
T	149m S	Unspecified Tank	1994	364343
17	199m SE	Unspecified Tank	1937	364351
AH	214m S	Unspecified Tank	1985	364340
AH	218m S	Unspecified Tank	1985	364356



ID	Location	Land Use	Date	Group ID
AJ	268m SW	Unspecified Tank	1976	364350
X	306m SW	Tanks	1976	359977
AM	351m E	Unspecified Tank	1958	369438
AM	352m E	Unspecified Tank	1996	374145
AM	352m E	Unspecified Tank	1974	369438
AM	372m E	Tanks	1996	368152
AM	372m E	Tanks	1958	370707
AM	373m E	Tanks	1974	370707
AM	396m E	Unspecified Tank	1996	364339
BA	434m SE	Unspecified Tank	-	358924
BA	434m SE	Unspecified Tank	1994	372687
BA	434m SE	Unspecified Tank	1962	372687
BA	435m SE	Unspecified Tank	1965	372687
BB	440m S	Unspecified Tank	1937	364359
BC	459m S	Sewage Tanks	1924	360642
BA	462m SE	Unspecified Tank	1994	367323
BA	462m SE	Unspecified Tank	-	358926
BA	463m SE	Unspecified Tank	1962	367323
BA	463m SE	Unspecified Tank	1965	367323
BC	478m S	Sewage Tanks	1924	360643
27	482m S	Unspecified Tank	1996	364341
BB	487m S	Unspecified Tank	1924	368824
BB	487m S	Unspecified Tank	1937	368824

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

56

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

Features are displayed on the Past land use - un-grouped map on [page 24 >](#)

ID	Location	Land Use	Date	Group ID
G	On site	Electricity Substation	1994	259737
G	On site	Electricity Substation	1984	259737
J	20m N	Electricity Substation	1974	265188
J	21m N	Electricity Substation	1958	261224
J	23m N	Electricity Substation	1996	259012
10	24m N	Electricity Substation	1993	249155
L	26m N	Electricity Substation	1996	255977
L	26m N	Electricity Substation	1999	255977
L	26m N	Electricity Substation	1976	255977
O	85m S	Electricity Substation	1994	254472
O	85m S	Electricity Substation	1989	254472
O	86m S	Electricity Substation	1969	254472
P	87m NE	Electricity Transformer	1974	250600
P	88m NE	Electricity Substation	1994	255655
P	88m NE	Electricity Substation	1994	255655
R	122m S	Electricity Substation	1977	251382
R	122m S	Electricity Substation	1991	251382
V	143m S	Electricity Substation	1985	261240
V	143m S	Electricity Substation	1969	261240
V	144m S	Electricity Substation	1994	261240
15	151m S	Electricity Substation	1994	249142
AA	173m S	Electricity Substation	1976	262595
AA	174m S	Electricity Substation	1996	262595



ID	Location	Land Use	Date	Group ID
AA	174m S	Electricity Substation	1999	262595
AC	197m S	Electricity Substation	1994	257189
AC	197m S	Electricity Substation	1989	257189
AC	198m S	Electricity Substation	1969	257189
U	207m S	Electricity Substation	1994	249144
18	210m W	Electricity Substation	1976	249146
AE	242m S	Electricity Substation	1994	253421
AE	243m S	Electricity Substation	1969	262091
22	265m S	Electricity Substation	1994	249143
AO	308m NW	Electricity Substation	1993	252915
AO	308m NW	Electricity Substation	1985	252915
AO	308m NW	Electricity Substation	1982	252915
AO	309m NW	Electricity Substation	1979	252915
AO	309m NW	Electricity Substation	1983	252915
AP	310m W	Electricity Substation	1976	256252
AP	310m W	Electricity Substation	1996	260773
AP	310m W	Electricity Substation	1999	260773
X	330m SW	Electricity Substation	1976	249148
AS	352m S	Electricity Substation	1996	258205
AS	354m S	Electricity Substation	1971	258205
AU	370m S	Electricity Substation	1989	251902
AU	370m S	Electricity Substation	1994	251902
AU	370m S	Electricity Substation	1969	251902
24	419m SW	Electricity Substation	1976	249147
BE	486m W	Electricity Substation	1993	258126
BE	486m W	Electricity Substation	1985	258126
BE	486m W	Electricity Substation	1982	261661
BE	486m W	Electricity Substation	1983	262823



ID	Location	Land Use	Date	Group ID
AV	493m SW	Electricity Substation	1996	254897
AV	493m SW	Electricity Substation	1995	260462
AV	493m SW	Electricity Substation	1996	254897
AV	493m SW	Electricity Substation	1998	254897
AV	494m SW	Electricity Substation	1983	261636

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

13

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

Features are displayed on the Past land use - un-grouped map on [page 24 >](#)

ID	Location	Land Use	Date	Group ID
B	57m S	Garage	1969	77911
I	57m S	Garage	1994	77053
B	57m S	Garage	1994	79852
B	57m S	Garage	1994	79852
B	57m S	Garage	1969	78326
B	58m S	Garage	1985	78326
K	109m S	Garage	1994	77051
Q	135m S	Garage	1994	77054

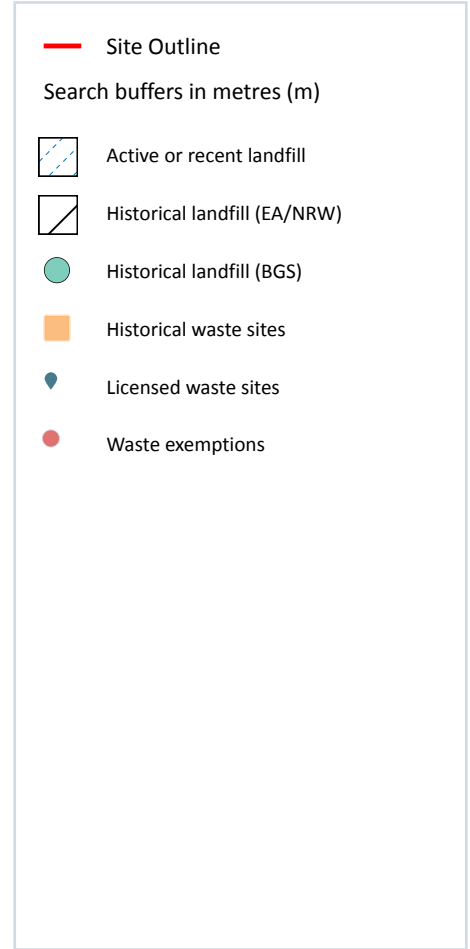
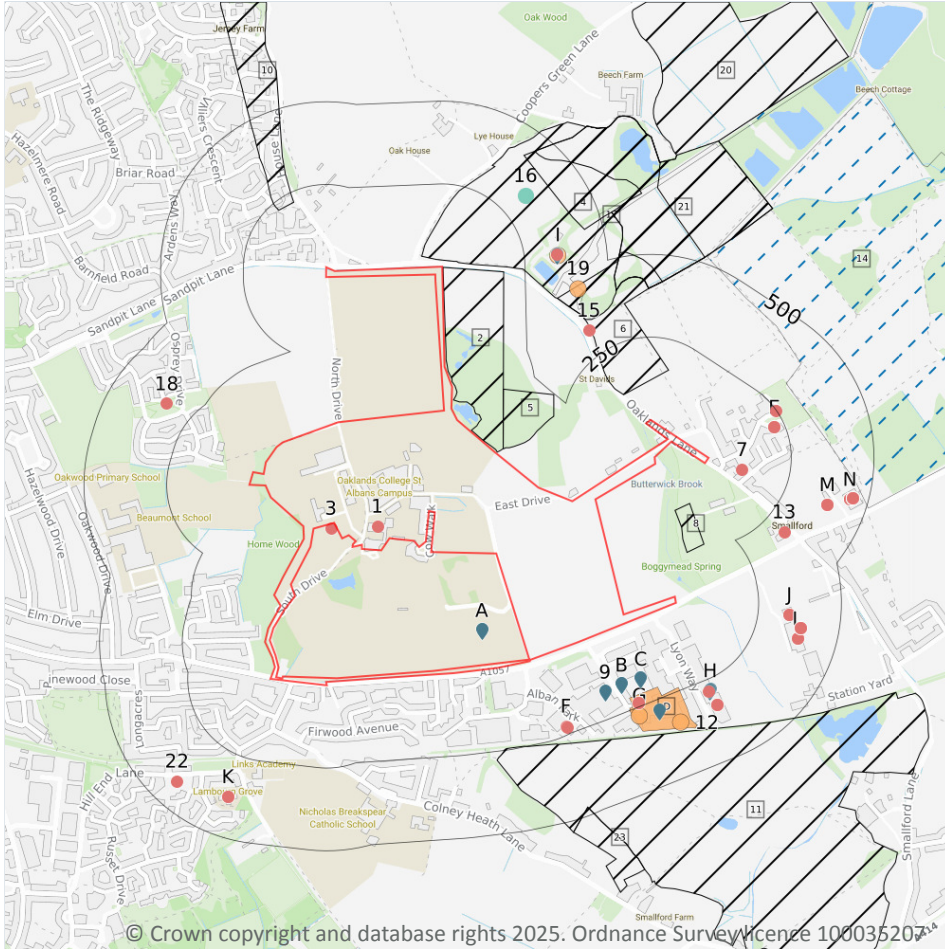


ID	Location	Land Use	Date	Group ID
U	147m S	Garage	1969	77050
AY	425m SE	Garage	1962	80314
AY	425m SE	Garage	1965	78414
AY	446m SE	Garage	1994	77489
AY	446m SE	Garage	1994	77489

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

2

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 36 >](#)

ID	Location	Details	
14	322m NE	Operator: Brett Aggregates Limited Site Address: Brett Aggregates Limited, Hatfield Aerodrome, Hatfield Road, Smallford, Hertfordshire, AL4 0HN	WML Number: 403832 EPR Reference: 651417 Landfill type: L05: Inert LF Status: Issued IPPC Reference: - EPR Number: EA/EPR/EB3808HD



ID	Location	Details	
17	331m E	Operator: Cemex Uk Materials Limited Site Address: Cemex Uk Materials Limited, Hatfield Quarry Landfill, Oaklands Lane, Hatfield, Hertfordshire, AL4 0HL	WML Number: 403439 EPR Reference: 659885 Landfill type: L05: Inert LF Status: Issued IPPC Reference: - EPR Number: EA/EPR/EB3306KT

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

3.2 Historical landfill (BGS records)

Records within 500m	1
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Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

Features are displayed on the Waste and landfill map on [page 36 >](#)

ID	Location	Address	BGS Number	Risk	Waste Type
16	329m NE	Hatfield Quarry, Sandpit Lane, Hatfield, Herts	2442	Risk to minor aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0
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Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	10
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Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on [page 36 >](#)

ID	Location	Details		
2	3m E	Site Address: Hatfield Quarry, Oak Farm, Oaklands Lane, St. Albans, Hertfordshire Licence Holder Address: -	Waste Licence: Yes Site Reference: 76/2, HCC/057, 170 Waste Type: Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/09/1976 Licence Surrender: 31/07/1977	Operator: - Licence Holder: St Albans Sand and Gravel Company Limited First Recorded 01/01/1935 Last Recorded: 31/07/1977
4	20m N	Site Address: Hatfield Quarry, Oak Farm, Oaklands Lane, St. Albans, Hertfordshire Licence Holder Address: -	Waste Licence: Yes Site Reference: 76/2, HCC/057, 170 Waste Type: Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/09/1976 Licence Surrender: 31/07/1977	Operator: St Albans Sand and Gravel Company Limited Licence Holder: St Albans Sand and Gravel Company Limited First Recorded 01/01/1935 Last Recorded: 31/07/1977
5	25m NE	Site Address: Hatfield Quarry, Oaklands Lane, St Albans, Hertfordshire Licence Holder Address: -	Waste Licence: - Site Reference: HCC/087 Waste Type: Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: Messrs Inns and Company Limited First Recorded - Last Recorded: -
6	106m NW	Site Address: Oak Farm, Oaklands Lane, St. Albans, Hertfordshire Licence Holder Address: -	Waste Licence: Yes Site Reference: 76/2, HCC/057, 170 Waste Type: Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/09/1976 Licence Surrender: 31/07/1977	Operator: - Licence Holder: St Albans Sand and Gravel Company Limited First Recorded 01/01/1935 Last Recorded: 31/07/1977
8	130m S	Site Address: Pollards Playing Fields, Oaklands Lane, St Albans Licence Holder Address: -	Waste Licence: - Site Reference: 85/193 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
10	219m NW	Site Address: Jersey Farm, Sandridge, Hertfordshire Licence Holder Address: -	Waste Licence: - Site Reference: HCC102 Waste Type: Inert, Industrial, Commercial, Household, Special Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: Inns and Company Limited First Recorded 28/09/1959 Last Recorded: 02/12/1969



ID	Location	Details		
11	245m S	Site Address: Smallford, Colney Heath, St Albans, Hertfordshire Licence Holder Address: -	Waste Licence: - Site Reference: HCC/105 Waste Type: Inert, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: St Albans Sand and Gravel Company First Recorded 07/09/1945 Last Recorded: 08/09/1976
20	397m N	Site Address: Hatfield Quarry, Oak Farm, Oaklands Lane, St Albans, Hertfordshire Licence Holder Address: Delamere Road, Cheshunt, Waltham Cross, Hertfordshire	Waste Licence: Yes Site Reference: 77/31 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/08/1977 Licence Surrender: 12/03/1993	Operator: - Licence Holder: St Albans Sand and Gravel Company Limited First Recorded 31/12/1977 Last Recorded: 31/12/1987
21	397m N	Site Address: Hatfield Quarry, Oak Farm, Oaklands Lane, St. Albans, Hertfordshire Licence Holder Address: Delamere Road, Cheshunt, Waltham Cross, Hertfordshire	Waste Licence: Yes Site Reference: 76/2, HCC/057, 170 Waste Type: Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/09/1976 Licence Surrender: 31/07/1977	Operator: - Licence Holder: St Albans Sand and Gravel Company Limited First Recorded 01/01/1935 Last Recorded: 31/07/1977
23	475m S	Site Address: Smallford, Smallford, Colney Heath, St. Albans, Hertfordshire Licence Holder Address: -	Waste Licence: - Site Reference: HCC/141 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m

5

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

Features are displayed on the Waste and landfill map on [page 36](#) >



ID	Location	Address	Further Details	Date
D	215m S	Site Address: N/A	Type of Site: Waste Reclamation Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1969
G	251m S	Site Address: Pearce Recycling, Acrewood Way, ST. ALBANS, Hertfordshire, AL4 0J	Type of Site: Waste Transfer Station Planning application reference: 5/94/1410 Description: An application (ref: 5/94/1410) for Detailed Planning permission was submitted to St. Albans D.C. on 13th September 1994. Data source: Historic Planning Application Data Type: Point	01/01/1995
12	315m S	Site Address: Leigh Environmental Ltd, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Type of Site: 3 Waste Transfer Buildings Planning application reference: 5/0828-16 Description: Scheme comprises demolition of two waste transfer buildings and construction of 2 replacement and 1 new waste transfer buildings. The associated works include sewer systems, landscaping, infrastructure, enabling works, cable laying and access roads. Data source: Historic Planning Application Data Type: Point	13/04/2016
I	326m E	Site Address: Hatfield Landfill Site, Oaklands Lane, Smallford, St. Albans, Hertfordshire, AL4 0HS	Type of Site: Leachate Treatment Plant Planning application reference: 5/2013/1064 Description: Scheme comprises replacement leachate treatment plant. Data source: Historic Planning Application Data Type: Point	06/06/2013
19	384m E	Site Address: Hatfield Quarry, Oaklands Lane, Smallford, St. Albans, Hertfordshire, AL4 0HT	Type of Site: Landfill Works Planning application reference: 5/2014/1240 Description: Scheme comprises restoration to conservation after uses through the importation and final disposal of engineering materials comprising inert waste and soils, the use of part of the site for ongoing silt operations and subsequent restoration at Hatfield Cemex Quarry Data source: Historic Planning Application Data Type: Point	10/02/2016

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



3.6 Licensed waste sites

Records within 500m

12

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

 Features are displayed on the Waste and landfill map on [page 36](#) >

ID	Location	Details		
A	102m N	Site Name: Oaklands College Site Address: Oaklands College, Smallford, Hatfield Rd, St Albans, Hertfordshire, AL4 0JA Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: OAK001 EPR reference: EA/EPR/FB3602MH/A001 Operator: Oaklands College Waste Management licence No: 404352 Annual Tonnage: 36315	Issue Date: 19/02/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	102m N	Site Name: Oaklands College Site Address: Oaklands College, Hatfield Rd, Smallford, St Albans, Hertfordshire, AL4 0JA Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 660757 EPR reference: EA/EPR/FB3602MH Operator: Oaklands College Waste Management licence No: 404352 Annual Tonnage: 36315	Issue Date: 19/02/2019 Effective Date: 19/02/2019 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	171m S	Site Name: Acrewood Way, St. Albans Site Address: John Kiff, Acrewood Way, Hatfield Road, St. Albans, Herts, AL4 0JY Correspondence Address: Leigh Environmental Ltd, Dundas Spur, Dundas Lane, Copnor, Portsmouth, Hants, PO3 5NY	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LEI001 EPR reference: - Operator: Leigh Environmental Ltd Waste Management licence No: 80211 Annual Tonnage: 0	Issue Date: 08/03/1985 Effective Date: - Modified: 14/09/1999 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
B	171m S	Site Name: Acrewood Way, St Albans Site Address: John Kiff, Acrewood Way, Hatfield Road, St Albans, Hertfordshire, AL4 0JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LEI001 EPR reference: EA/EPR/XP3791NA/V003 Operator: Onyx Leigh Environmental Ltd Waste Management licence No: 80211 Annual Tonnage: 75000	Issue Date: 08/03/1985 Effective Date: - Modified: 14/09/1999 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
9	172m S	Site Name: Pearce House Site Address: Pearce House, Acrewood Way, St Albans, Hertfordshire, AL4 0JY Correspondence Address: -	Type of Site: 75kte Materials Recycling Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PEA061 EPR reference: EA/EPR/FP3394SL/V002 Operator: Pearce Recycling Company Ltd Waste Management licence No: 101299 Annual Tonnage: 74999	Issue Date: 14/05/2010 Effective Date: - Modified: 24/07/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
C	176m S	Site Name: St Albans Service Centre Site Address: John Kiff, Acrewood Way, Hatfield Road, St Albans, Hertfordshire, AL4 0JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VEO209 EPR reference: EA/EPR/BB3803TR/T001 Operator: Veolia E S (U K) Limited Waste Management licence No: 80211 Annual Tonnage: 75000	Issue Date: 08/03/1985 Effective Date: 13/10/2014 Modified: 14/09/1999 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

ID	Location	Details		
C	176m S	Site Name: St Albans Service Centre Site Address: Acrewood Way, Hatfield Road, St Albans, Hertfordshire, AL4 0JY Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 652557 EPR reference: EA/EPR/BB3803TR Operator: Veolia Es (Uk) Limited Waste Management licence No: 80211 Annual Tonnage: 75000	Issue Date: 08/03/1985 Effective Date: 08/03/1985 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	286m S	Site Name: Pearce Recycling Limited Site Address: Pearce Recycling Limited, Acrewood Way, St Albans, Hertfordshire, AL4 0JY Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 637573 EPR reference: EA/EPR/FP3394SL Operator: Pearce Recycling Company Limited Waste Management licence No: 101299 Annual Tonnage: 149	Issue Date: 14/05/2010 Effective Date: 14/05/2010 Modified: 06/12/2023 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	287m S	Site Name: Factory Unit Y Site Address: Factory Unit Y, Hatfield Road, St Albans, Hertfordshire, AL4 0LB Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BLA004 EPR reference: EA/EPR/GB3705TS/A001 Operator: Blancomet Recycling U K Limited Waste Management licence No: 405737 Annual Tonnage: 3199	Issue Date: 29/04/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	287m S	Site Name: Factory Unit Y Site Address: Factory Unit Y, Hatfield Road, St Albans, Hertfordshire, AL4 0LB Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 641272 EPR reference: EA/EPR/GB3705TS Operator: Blancomet Recycling Uk Limited Waste Management licence No: 405737 Annual Tonnage: 3199	Issue Date: 29/04/2019 Effective Date: 29/04/2019 Modified: 29/04/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
I	349m E	Site Name: Hatfield Leachate Treatment Plant Site Address: Oaklands Lane, St Albans, Hertfordshire, AL4 0HS Correspondence Address: -	Type of Site: Biological Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEM085 EPR reference: EA/EPR/CB3702XD/A001 Operator: Cemex U K Materials Ltd Waste Management licence No: 402259 Annual Tonnage: 18250	Issue Date: 03/08/2015 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
I	349m E	Site Name: Hatfield Leachate Treatment Plant Site Address: Hatfield Leachate Treatment Plt, Oaklands Lane, St Albans, Hertfordshire, AL4 0HS Correspondence Address: -	Type of Site: Biological Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644245 EPR reference: EA/EPR/CB3702XD Operator: Cemex Uk Materials Limited Waste Management licence No: 402259 Annual Tonnage: 18250	Issue Date: 03/08/2015 Effective Date: 03/08/2015 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	87
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 36 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
1	On site	St. Albans Campus, Oaklands, St. Albans, AL4 0ja	WEX277741	Using waste exemption	Not on a farm	Use of waste in construction
3	15m S	-	WEX208001	Using waste exemption	Not on a farm	Use of waste in construction
7	108m E	Hatfield Quarry, Oaklands Lane, Smallford, St Albans, AL4 0hs	WEX271826	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant



ID	Location	Site	Reference	Category	Sub-Category	Description
E	218m NE	E Barba, Radio Nursery Oaklands Lane Herts AL4 0hs	EPR/PH0277R R/A001	Disposing of waste exemption	Agricultura l waste only	Burning waste in the open
E	218m NE	E Barba, Radio Nursery Oaklands Lane Herts AL4 0hs	EPR/PH0277R R/A001	Using waste exemption	Agricultura l waste only	Spreading waste on agricultural land to confer benefit
E	218m NE	E Barba, Radio Nursery Oaklands Lane Herts AL4 0hs	EPR/PH0277R R/A001	Storing waste exemption	Agricultura l waste only	Storage of waste in secure containers
E	218m NE	E Barba, Radio Nursery Oaklands Lane Herts AL4 0hs	EPR/PH0277R R/A001	Storing waste exemption	Agricultura l waste only	Storage of waste in a secure place
E	218m NE	E Barba, Radio Nursery Oaklands Lane Herts AL4 0hs	EPR/PH0277R R/A001	Treating waste exemption	Agricultura l waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	226m SE	1b Alban Park The Courtyard Hatfield Road St. Albans Hertfordshire AL4 0la	EPR/TH0717Y H/A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
F	233m SE	1b The Courtyard, Alban Park, Hatfield Road, St. Albans, AL4 0la	WEX078875	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	240m S	Pearce House Acrewood Way St Albans Hertfordshire AL4 0jy	EPR/NF0905C B/A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
G	240m S	Pearce House Acrewood Way St Albans Hertfordshire AL4 0jy	EPR/NF0905C B/A001	Treating waste exemption	Non- agricultura l waste only	Preparatory treatments (baling, sorting, shredding etc)
G	240m S	Pearce House Acrewood Way St Albans Hertfordshire AL4 0jy	EPR/NF0905C B/A001	Treating waste exemption	Non- agricultura l waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	247m NE	-	WEX374200	Using waste exemption	Not on a farm	Use of waste in construction
H	286m S	Lyon Way, St. Albans, AL4 0lb	WEX072309	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
13	318m SE	601, Hatfield Road, Smallford, St. Albans, AL4 0hl	WEX158083	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
15	328m NW	Hatfield Quarry, Oaklands Lane, Smallford, St. Albans, AL4 0ht	WEX003017	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
18	332m NW	-	WEX288299	Using waste exemption	Not on a farm	Use of waste in construction
H	333m S	Lyon Way, St. Albans, AL4 0lq	WEX237179	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	333m S	Lyon Way, St. Albans, AL4 0lq	WEX237179	Storing waste exemption	Not on a farm	Storage of waste in secure containers
H	333m S	Yew Trees, Main Street North, Aberford, Leeds, LS25 3aa	WEX092476	Storing waste exemption	Not on a farm	Storage of waste in secure containers
H	333m S	Yew Trees, Main Street North, Aberford, Leeds, LS25 3aa	WEX092476	Storing waste exemption	Not on a farm	Storage of waste in a secure place
J	344m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX466406	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
J	344m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX466406	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
J	344m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX466406	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	347m E	-	WEX310665	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
K	380m S	Lambourn Grove, Hixberry Lane, St. Albans, AL4 0tz	WEX232667	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
K	380m S	Lambourn Grove, Hixberry Lane, St. Albans, AL4 0tz	WEX088258	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
K	380m S	Lambourn Grove, Hixberry Lane, St. Albans, AL4 0tz	WEX358419	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
L	384m E	Smallford Nurseries Hatfield Road St. Albans Hertfordshire AL4 0he	EPR/RF0633SN /A001	Using waste exemption	Agricultural waste only	Spreading waste on non-agricultural land to confer benefit



ID	Location	Site	Reference	Category	Sub-Category	Description
L	384m E	Smallford Nurseries Hatfield Road St. Albans Hertfordshire AL4 0he	EPR/RF0633SN /A001	Using waste exemption	Agricultura l waste only	Spreading of plant matter to confer benefit
L	384m E	Smallford Nurseries Hatfield Road St. Albans Hertfordshire AL4 0he	EPR/RF0633SN /A001	Using waste exemption	Agricultura l waste only	Spreading waste on agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX052051	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX052051	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX052051	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX210560	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX338558	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX338558	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX338558	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX210560	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
L	385m E	Smallford Nurseries, Hatfield Road, Smallford, St. Albans, AL4 0he	WEX210560	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Disposing of waste exemption	Not on a farm	Burning waste in the open
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice



ID	Location	Site	Reference	Category	Sub-Category	Description
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Storing waste exemption	Not on a farm	Storage of waste in a secure place
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
M	387m E	605, Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX014086	Using waste exemption	Not on a farm	Use of waste in construction
22	420m SW	53, Hill End Lane, St. Albans, AL4 0ua	WEX088289	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Disposing of waste exemption	Agricultura l waste only	Deposit of waste from dredging of inland waters
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Storing waste exemption	Agricultura l waste only	Storage of waste in a secure place
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Using waste exemption	Agricultura l waste only	Use of waste in construction
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Treating waste exemption	Agricultura l waste only	Cleaning, washing, spraying or coating relevant waste
N	446m E	Notcutts Garden Centre 605 Hatfield Road St. Albans Hertfordshire AL4 0hn	EPR/EE5254JE /A001	Treating waste exemption	Agricultura l waste only	Aerobic composting and associated prior treatment
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Storing waste exemption	Not on a farm	Storage of waste in a secure place
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Using waste exemption	Not on a farm	Use of waste in construction
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Disposing of waste exemption	Not on a farm	Burning waste in the open
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX179804	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Disposing of waste exemption	Not on a farm	Burning waste in the open
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



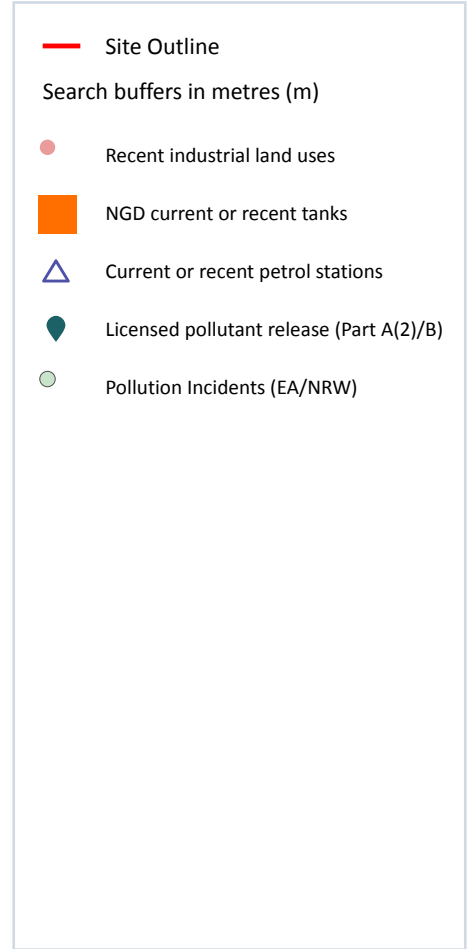
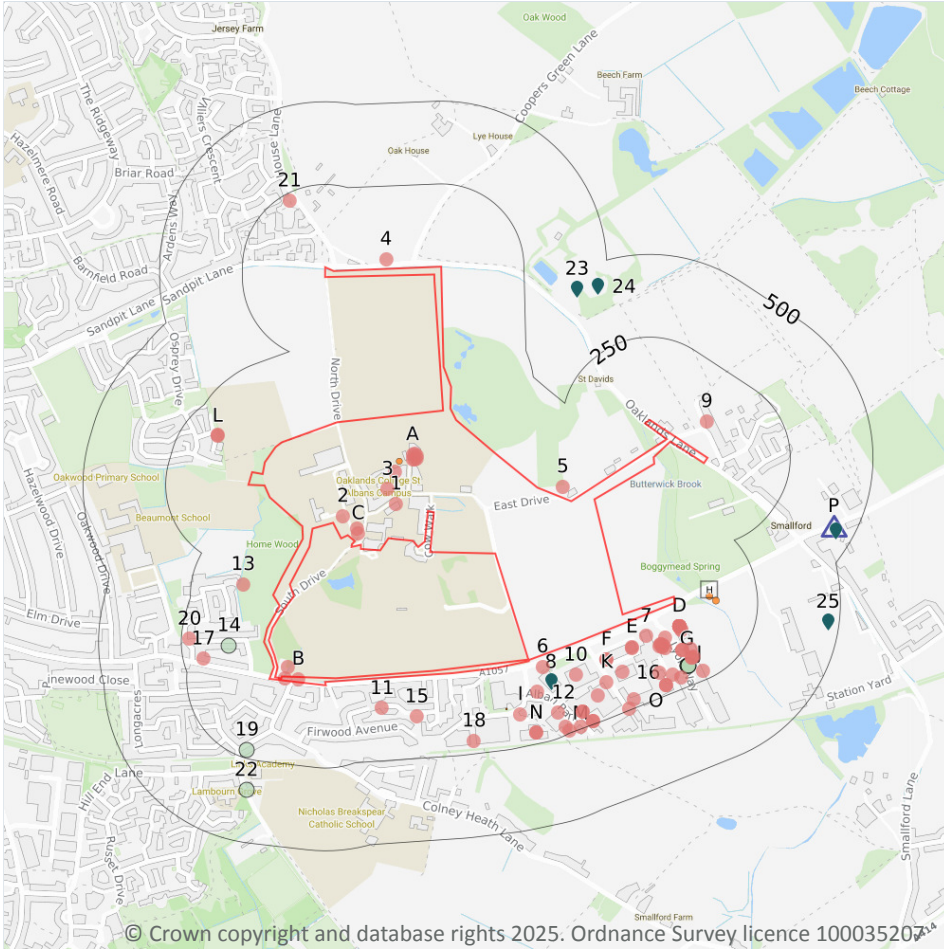
ID	Location	Site	Reference	Category	Sub-Category	Description
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Using waste exemption	Not on a farm	Use of waste in construction
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX313362	Storing waste exemption	Not on a farm	Storage of waste in a secure place
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Storing waste exemption	Not on a farm	Storage of waste in a secure place
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Disposing of waste exemption	Not on a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Using waste exemption	Not on a farm	Use of waste in construction
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Disposing of waste exemption	Not on a farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
N	453m E	Notcutts Garden Centre, 605 Hatfield Road, Smallford, St. Albans, AL4 0hn	WEX446060	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising

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

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m **90**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 53](#) >

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
2	On site	Electricity Sub Stations	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
3	On site	Gas Governor	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
A	On site	Silo	Hertfordshire, AL4	Hoppers and Silos	Farming
B	On site	Masts (Telecommunication)	Hertfordshire, AL4	Telecommunications Features	Infrastructure and Facilities
B	On site	Gas Governor Station	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
C	On site	Gas Governor	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
C	On site	Gas Governor	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
4	30m N	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
B	31m N	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
5	32m N	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
6	33m S	Gas Governor Station	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
7	61m S	Brayleys	18, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
D	70m S	Glyn Hopkin Ltd	1, Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring
D	70m S	Alpine Centre St Albans	Alpine Centre, Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring



ID	Location	Company	Address	Activity	Category
D	70m S	Renault St Albans	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring
D	70m S	Fiat St Albans (Aftersales Specialist)	Fiat Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring
D	70m S	M G St Albans	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring
D	70m S	Dacia St Albans	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	New Vehicles	Motoring
D	70m S	M G St Albans Service	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	70m S	Fiat St Albans (Aftersales Specialist) Service	Fiat Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	70m S	Dacia St Albans Service	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	70m S	Renault St Albans Service	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	70m S	Alpine Centre St Albans Service	Alpine Centre, Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	70m S	Dacia St Albans Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Parts and Accessories	Motoring
D	70m S	Fiat St Albans (Aftersales Specialist) Parts	Fiat Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Parts and Accessories	Motoring
D	70m S	M G St Albans Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Parts and Accessories	Motoring
D	70m S	Alpine Centre St Albans Parts	Alpine Centre, Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Parts and Accessories	Motoring



ID	Location	Company	Address	Activity	Category
D	70m S	Renault St Albans Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0QU	Vehicle Parts and Accessories	Motoring
D	72m S	Jeep St Albans (Aftersales Specialist) Service	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	75m S	Formula One Autocentres	Unit 6 Acrewood Park, Acrewood Way, St. Albans, Hertfordshire, AL4 0FT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	77m S	etyres	Unit 6, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Vehicle Parts and Accessories	Motoring
D	80m S	Jeep St Albans (Aftersales Specialist) Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Parts and Accessories	Motoring
F	81m S	Halfords	Unit 1 Acrewood Park, Acrewood Way, St. Albans, Hertfordshire, AL4 0FT	Vehicle Parts and Accessories	Motoring
F	81m S	Halfords Autocentre	Unit 1 Acrewood Park, Acrewood Way, St. Albans, Hertfordshire, AL4 0FT	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	83m S	Alfa Romeo St Albans (Aftersales Specialist) Service	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	87m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
9	91m NE	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
10	91m S	Veolia Environnement	Wickes, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Recycling, Reclamation and Disposal	Recycling Services
11	91m S	Chipsaway	11, Rowan Close, St. Albans, Hertfordshire, AL4 0SN	Vehicle Repair, Testing and Servicing	Repair and Servicing
12	96m S	Alban Park Industrial Estate	Hertfordshire, AL4	Business Parks and Industrial Estates	Industrial Features
13	96m W	Sewage Pumping Station	Hertfordshire, AL4	Waste Storage, Processing and Disposal	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
G	101m S	Nissan St Albans	Nissan Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
G	103m S	Nissan St Albans Service	Nissan Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	104m S	Abarth St Albans (Aftersales Specialist) Service	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	106m S	Abarth St Albans (Aftersales Specialist) Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Parts and Accessories	Motoring
G	106m S	Glyn Hopkin Ltd	Lyon Way, St. Albans, Hertfordshire, AL4 0LB	Secondhand Vehicles	Motoring
G	110m S	Nissan St Albans Parts	Nissan Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Parts and Accessories	Motoring
G	116m S	Glyn Hopkin Ltd	Glyn Hopkin Nissan, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
15	124m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
16	133m S	Stevensons School Uniform	7, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Textiles, Fabrics, Silk and Machinery	Industrial Products
J	142m S	Glyn Hopkin Ltd	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
J	142m S	Alfa Romeo St Albans (Aftersales Specialist) Parts	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
K	146m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
J	148m S	R Tec Auto Design	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Parts and Accessories	Motoring
L	151m NW	Pumping Station	Hertfordshire, AL4	Water Pumping Stations	Industrial Features



ID	Location	Company	Address	Activity	Category
I	152m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
L	153m NW	Sewage Pumping	Hertfordshire, AL4	Waste Storage, Processing and Disposal	Infrastructure and Facilities
K	172m S	Aspar Pharmaceuticals Ltd	Albany House, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
J	172m S	The Bread Factory	2, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	General Manufacturing	Industrial Products
J	172m S	Herts Garden Rooms	2, Lyon Way, St. Albans, Hertfordshire, AL4 0LB	Conservatories	Consumer Products
J	173m S	ATS Euromaster Ltd	2, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Parts and Accessories	Motoring
J	179m S	Argo	Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	New Vehicles	Motoring
M	179m SE	Anton Paar	Unit F The Courtyard Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0LA	Measurement and Inspection Equipment	Industrial Products
17	190m W	A G S Acrylics	405, Hatfield Road, St. Albans, Hertfordshire, AL4 0XP	Rubber, Silicones and Plastics	Industrial Products
J	199m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
M	202m S	Marshall	12 Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	New Vehicles	Motoring
M	203m S	Bennetts	12 Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	Vehicle Parts and Accessories	Motoring
18	210m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
N	216m S	Sell Your Car at Carstore Direct St Albans	Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	New Vehicles	Motoring
N	216m S	Evans Halshaw Direct St Albans	Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	New Vehicles	Motoring
J	217m S	Kelter Plant	Apeils House 12, Lyon Way, St. Albans, Hertfordshire, AL4 0LS	Construction and Tool Hire	Hire Services



ID	Location	Company	Address	Activity	Category
J	221m S	P P H Coaches	13, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Hire and Rental	Hire Services
J	221m S	Provence Private Hire	13, Lyon Way, St. Albans, Hertfordshire, AL4 0LQ	Vehicle Hire and Rental	Hire Services
J	224m S	Caslon Ltd	4, Lyon Way, St. Albans, Hertfordshire, AL4 0LB	Printing Related Machinery	Industrial Products
20	225m W	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities
O	226m S	Pearce Group	Pearce House, Acrewood Way, St. Albans, Hertfordshire, AL4 0JY	Recycling, Reclamation and Disposal	Recycling Services
M	228m SE	Marshall Volkswagen St Albans	Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	New Vehicles	Motoring
21	228m NW	Gas Governor	Hertfordshire, AL4	Gas Features	Infrastructure and Facilities
M	241m S	Trust Hire	15 Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	Electronic Equipment	Industrial Products
M	241m S	Petronas Group	15 Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	Vehicle Repair, Testing and Servicing	Repair and Servicing
M	243m S	Windfall Logistics Ltd	The Courtyard, Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0LA	Distribution and Haulage	Transport, Storage and Delivery
M	243m S	Fleetworld	18 Alban Park, Hatfield Road, St. Albans, Hertfordshire, AL4 0JJ	Published Goods	Industrial Products
O	245m S	Electricity Sub Station	Hertfordshire, AL4	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

6

Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 53 >](#)

ID	Location	Tank description	Activity	Date first identified
A	On site	Open Storage Tank	Commercial Activity: Distribution Or Storage	19/08/2002



ID	Location	Tank description	Activity	Date first identified
H	96m E	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/06/2019
H	113m E	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	29/06/2019
I	125m S	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	30/10/2013
I	125m S	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	30/10/2013
I	125m S	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	30/10/2013

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m

1

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 53 >](#)

ID	Location	Company	Address	LPG	Status
P	433m SE	SHELL	608, Hatfield Road, Smallford, St Albans, Hertfordshire, AL4 0HP	No	Open

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.6 Sites determined as Contaminated Land

Records within 500m	0
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Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m	0
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Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.8 Regulated explosive sites

Records within 500m	0
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Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.9 Hazardous substance storage/usage

Records within 500m	0
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Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m	0
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Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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



4.11 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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

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

Records within 500m

5

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

Features are displayed on the Current industrial land use map on [page 53 >](#)

ID	Location	Address	Details	
8	86m S	Mann Egerton & Co, Hatfield Road, Smallford, St. Albans, AL4 0JU	Process: Respraying of Road Vehicles Status: Surrendered Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
23	409m E	CEMEX UK Materials Ltd, Oaklands Lane, St Albans, AL4 HHS	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
24	434m N	CEMEX UK Materials Ltd, Oaklands Lane, St Albans, AL4 OHT	Process: Use of Bulk Cement; Lime Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
P	446m SE	Shell Service Station (Smallford), 608 Hatfield Road, Smallford, St Albans, Hertfordshire, AL4 0HP	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
25	466m E	Smallford Motors Station Rd, 79 Station Road, Smallford, St. Albans, AL4 0HB	Process: waste oil burning process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.13 Radioactive Substance Authorisations

Records within 500m 0

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

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

4.14 Licensed Discharges to controlled waters

Records within 500m 0

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

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

4.15 Pollutant release to surface waters (Red List)

Records within 500m 0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.16 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

Records within 500m 0

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

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

4.18 List 2 Dangerous Substances

Records within 500m

0

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

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

4.19 Pollution Incidents (EA/NRW)

Records within 500m

7

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

Features are displayed on the Current industrial land use map on [page 53 >](#)

ID	Location	Details	
14	106m W	Incident Date: 27/05/2002 Incident Identification: 81539 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	191m S	Incident Date: 17/07/2001 Incident Identification: 16946 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	191m S	Incident Date: 17/07/2001 Incident Identification: 16946 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	192m S	Incident Date: 17/07/2001 Incident Identification: 16924 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
J	192m S	Incident Date: 17/07/2001 Incident Identification: 16924 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
19	224m S	Incident Date: 02/10/2003 Incident Identification: 194027 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
22	343m S	Incident Date: 02/03/2018 Incident Identification: 1593094 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.20 Pollution inventory substances

Records within 500m	0
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The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

4.21 Pollution inventory waste transfers

Records within 500m	0
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The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

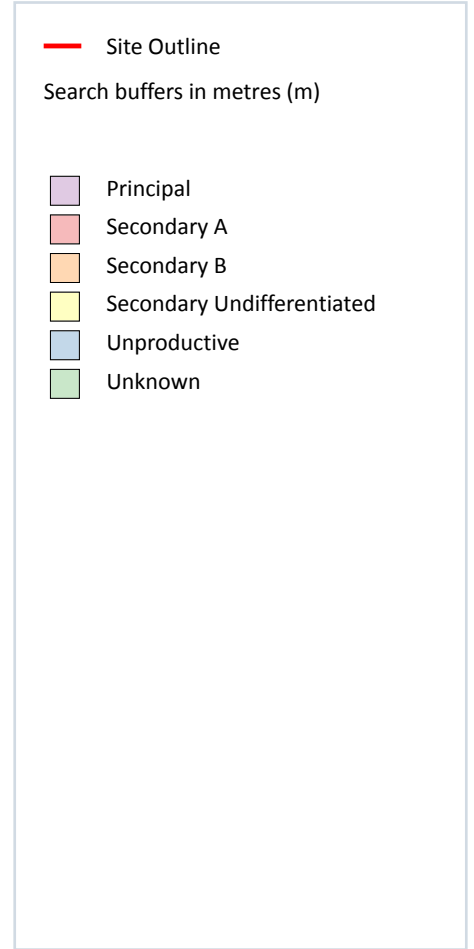
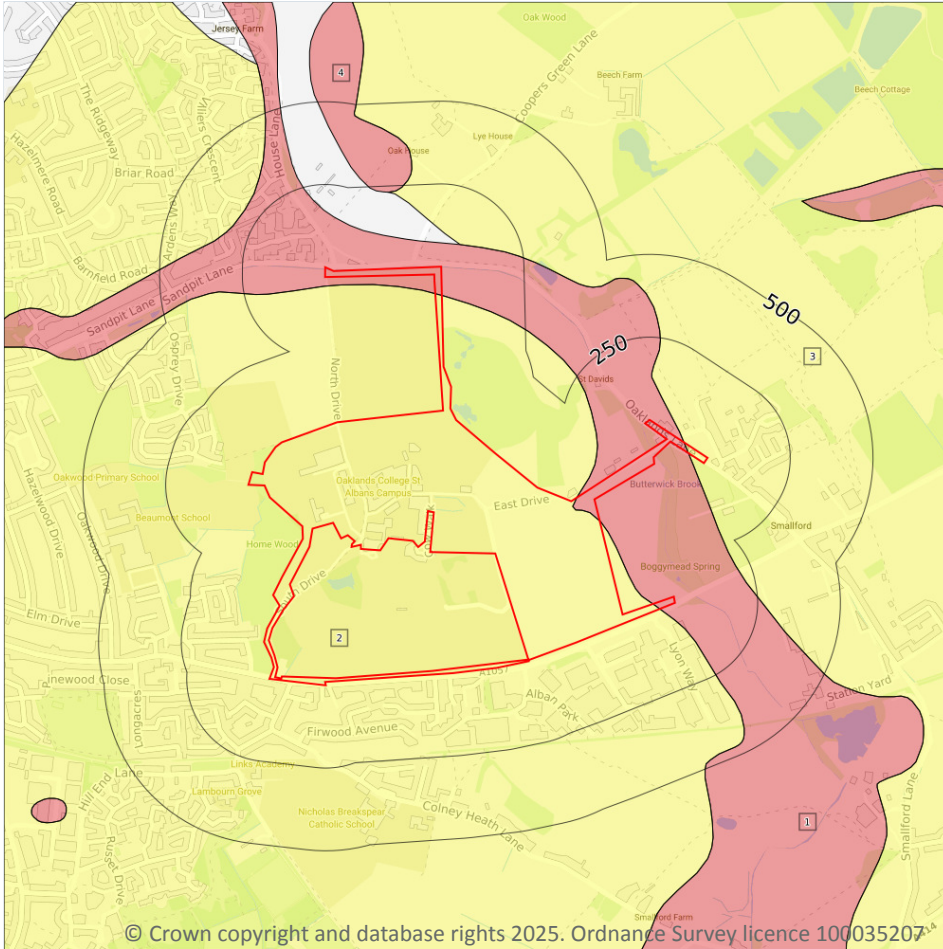
4.22 Pollution inventory radioactive waste

Records within 500m	0
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The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

4

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 66](#) >

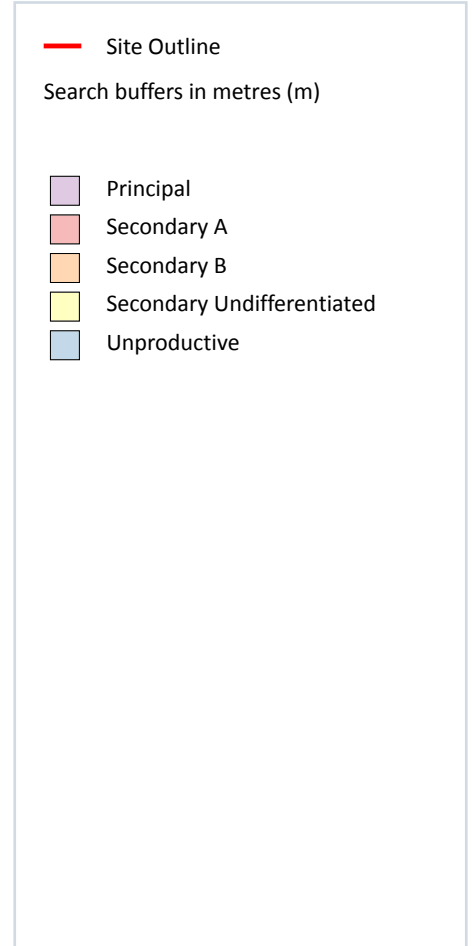
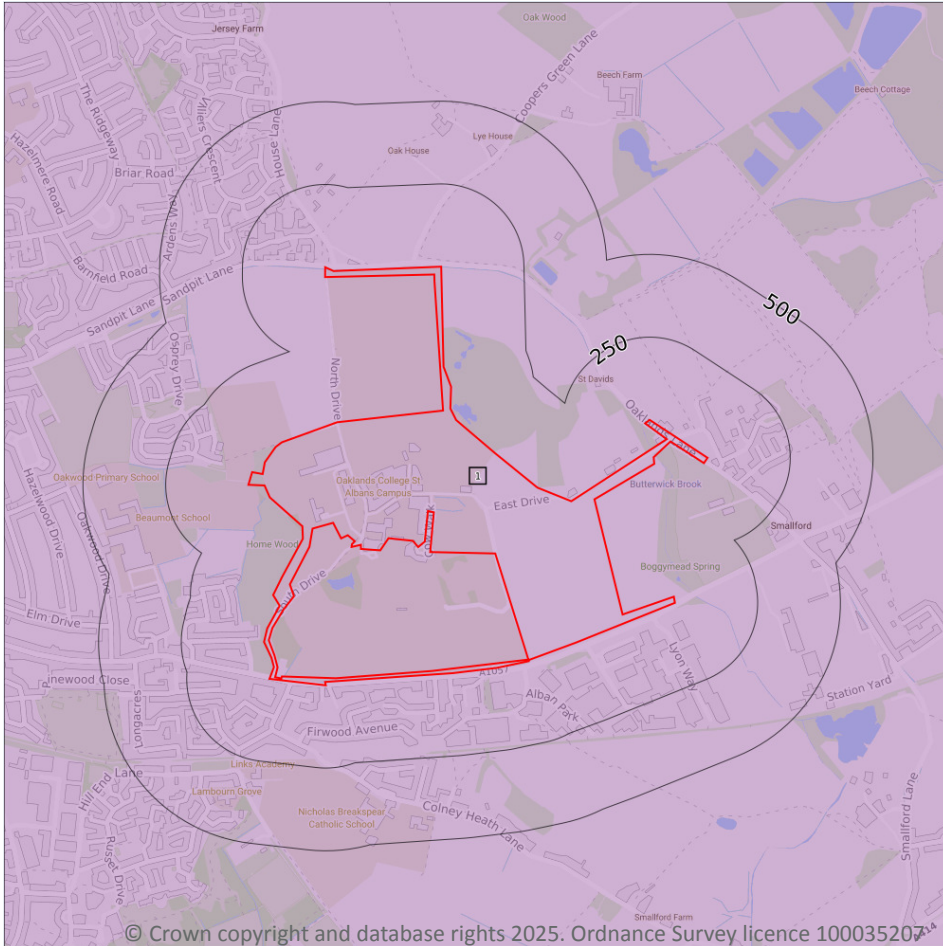
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	231m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

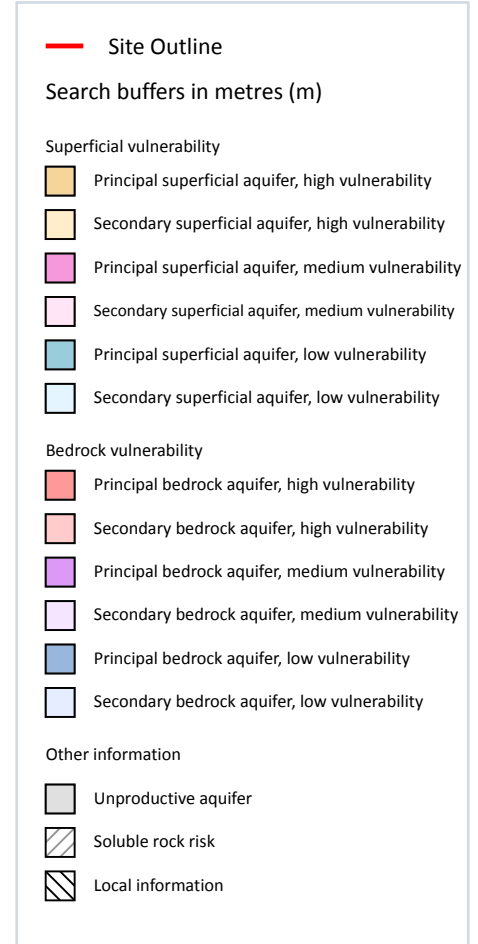
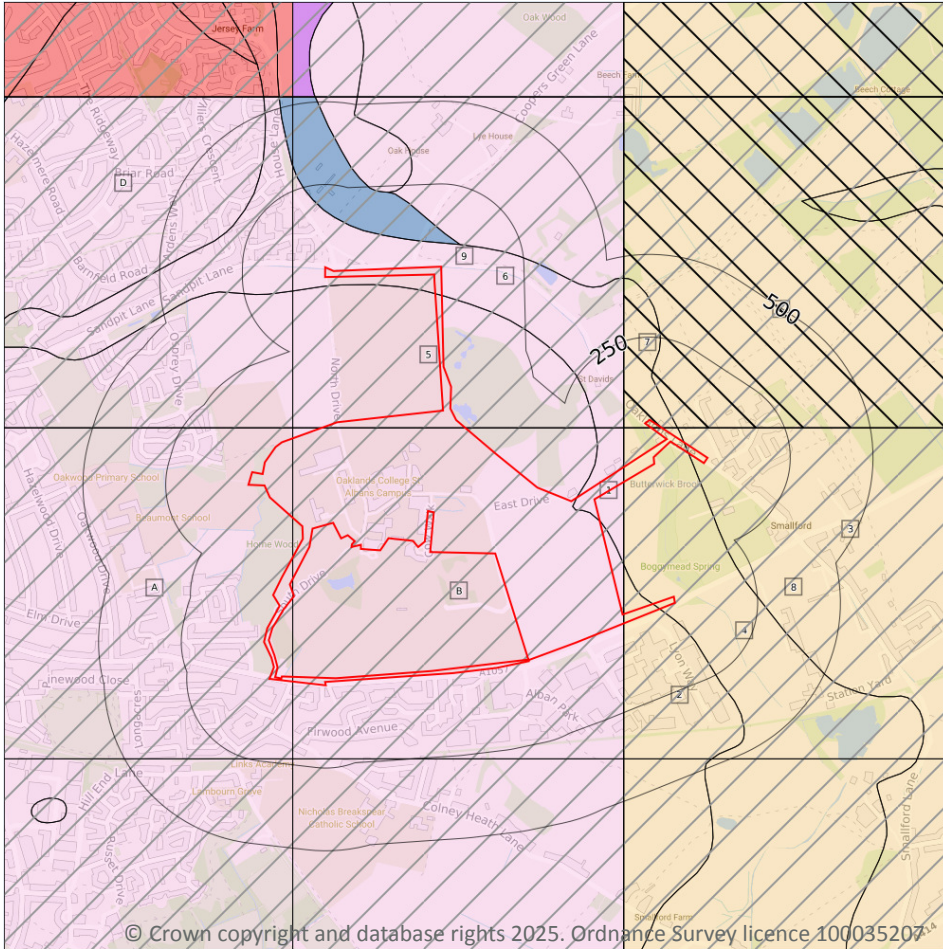
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 68](#) >

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

11

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

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

Features are displayed on the Groundwater vulnerability map on [page 69](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
A	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
B	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
C	26m NE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
D	30m N	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures

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



5.4 Groundwater vulnerability- soluble rock risk

Records on site	5
------------------------	----------

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

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
8	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	1.0%
9	Very significant soluble rocks are likely to be present with a moderate possibility of localised natural subsidence or dissolution-related degradation of bedrock, especially in adverse conditions such as concentrated surface or subsurface water flow.	6.0%
A	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	100.0%
B	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	1.0%
C	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	2.0%

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

5.5 Groundwater vulnerability- local information

Records on site	1
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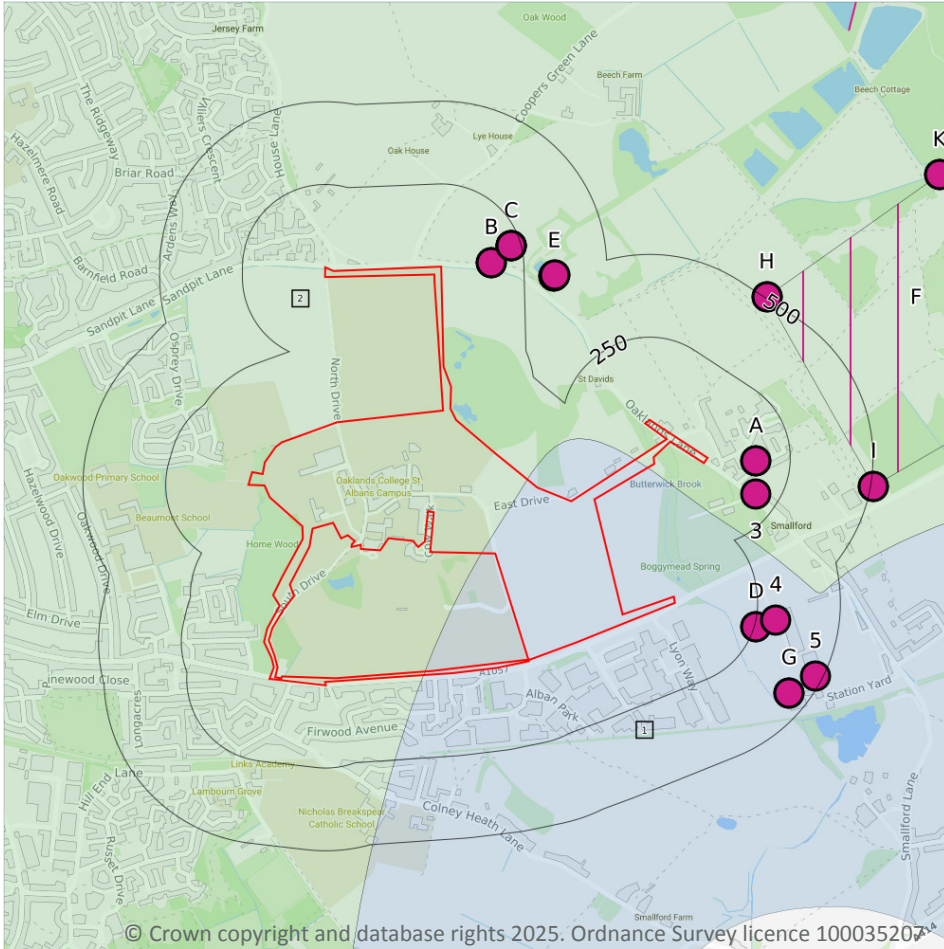
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

ID	Summary	Additional information
C	Known fissure flow in area	Vale of St Albans fissure flow

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



Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

52

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 73 >](#)

ID	Location	Details	
A	147m E	Status: Historical Licence No: 28/39/28/0477 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT RADIO NURSERY, SMALLFORD Data Type: Point Name: BARBA Easting: 519400 Northing: 207900	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 72.7 Original Application No: - Original Start Date: 17/08/1999 Expiry Date: - Issue No: 101 Version Start Date: 17/08/1999 Version End Date: -
A	147m E	Status: Historical Licence No: 28/39/28/0477 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: RADIO NURSERY, SMALLFORD, ST ALBANS - BOREHOLE Data Type: Point Name: BARBA Easting: 519400 Northing: 207900	Annual Volume (m ³): 6364 Max Daily Volume (m ³): 72.7 Original Application No: - Original Start Date: 17/08/1999 Expiry Date: - Issue No: 102 Version Start Date: 01/09/2009 Version End Date: -
B	152m E	Status: Historical Licence No: 28/39/28/0554 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: WET PIT AT HATFIELD QUARRY, ST ALBANS Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518600 Northing: 208500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 30/06/2005 Issue No: 1 Version Start Date: 21/12/2000 Version End Date: -
B	152m E	Status: Historical Licence No: 28/39/28/0554 Details: Process water Direct Source: THAMES GROUNDWATER Point: WET PIT AT HATFIELD QUARRY, ST ALBANS Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518600 Northing: 208500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: 30/06/2005 Issue No: 1 Version Start Date: 21/12/2000 Version End Date: -
3	183m SE	Status: Historical Licence No: 28/39/28/0206 Details: Spray Irrigation - Spray Irrigation Definition Order Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT THE NURSERIES, COLNEY HEATH Data Type: Point Name: BARKER Easting: 519400 Northing: 207800	Annual Volume (m ³): 6819 Max Daily Volume (m ³): 45.5 Original Application No: - Original Start Date: 14/11/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
C	221m E	Status: Historical Licence No: 28/39/28/0554 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY, ST ALBANS - WET PIT Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518660 Northing: 208550	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/09/1999 Expiry Date: 30/06/2005 Issue No: 2 Version Start Date: 20/03/2003 Version End Date: -
C	221m E	Status: Historical Licence No: 28/39/28/0554 Details: Process water Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY, ST ALBANS - WET PIT Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518660 Northing: 208550	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/09/1999 Expiry Date: 30/06/2005 Issue No: 2 Version Start Date: 20/03/2003 Version End Date: -
C	221m E	Status: Historical Licence No: 28/39/28/0554 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY, ST ALBANS - WET PIT Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518660 Northing: 208550	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/09/1999 Expiry Date: 30/06/2005 Issue No: 2 Version Start Date: 20/03/2003 Version End Date: -
C	221m E	Status: Historical Licence No: 28/39/28/0554 Details: Process water Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY, ST ALBANS - WET PIT Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 518660 Northing: 208550	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/09/1999 Expiry Date: 30/06/2005 Issue No: 2 Version Start Date: 20/03/2003 Version End Date: -
D	255m E	Status: Historical Licence No: 28/39/28/0023 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'B' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: GLINWELL LIMITED Easting: 519400 Northing: 207400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1977 Version End Date: -



ID	Location	Details	
D	255m E	Status: Historical Licence No: 28/39/28/0023 Details: Spray Irrigation - Spray Irrigation Definition Order Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'B' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: GLINWELL LIMITED Easting: 519400 Northing: 207400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1977 Version End Date: -
4	310m E	Status: Active Licence No: 28/39/28/0023 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: POINT 'B' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: Hertfordshire Growers Limited Easting: 519460 Northing: 207420	Annual Volume (m ³): 90290 Max Daily Volume (m ³): 527.4 Original Application No: NPS/WR/022935 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 102 Version Start Date: 08/07/2016 Version End Date: -
E	341m E	Status: Historical Licence No: 28/39/28/0598 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY- WET PIT Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 518790 Northing: 208460	Annual Volume (m ³): 610000 Max Daily Volume (m ³): 2561 Original Application No: - Original Start Date: 21/11/2005 Expiry Date: 31/03/2014 Issue No: 1 Version Start Date: 21/11/2005 Version End Date: -
E	341m E	Status: Historical Licence No: 28/39/28/0598 Details: Process Water Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY- WET PIT Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 518790 Northing: 208460	Annual Volume (m ³): 610000 Max Daily Volume (m ³): 2561 Original Application No: - Original Start Date: 21/11/2005 Expiry Date: 31/03/2014 Issue No: 1 Version Start Date: 21/11/2005 Version End Date: -
E	342m E	Status: Active Licence No: 28/39/28/0598/R01 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY- WET PIT Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 518791 Northing: 208462	Annual Volume (m ³): 950000 Max Daily Volume (m ³): 5100 Original Application No: NPS/WR/034498 Original Start Date: 01/04/2014 Expiry Date: 31/03/2026 Issue No: 4 Version Start Date: 17/01/2022 Version End Date: -



ID	Location	Details	
E	342m E	Status: Historical Licence No: 28/39/28/0598/R01 Details: Process Water Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY- WET PIT Data Type: Point Name: CEMEX UK MATERIALS LIMITED Easting: 518791 Northing: 208462	Annual Volume (m ³): 610000 Max Daily Volume (m ³): 2561 Original Application No: - Original Start Date: 01/04/2014 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2014 Version End Date: -
F	395m NE	Status: Active Licence No: TH/039/0028/051 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT B Data Type: Poly4 Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/028327 Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
F	395m NE	Status: Active Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT B Data Type: Poly4 Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: NPS/WR/029175 Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
G	439m SE	Status: Historical Licence No: 28/39/28/0023 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'A' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: GLINWELL LIMITED Easting: 519500 Northing: 207200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1977 Version End Date: -



ID	Location	Details	
G	439m SE	Status: Historical Licence No: 28/39/28/0023 Details: Spray Irrigation - Spray Irrigation Definition Order Direct Source: THAMES GROUNDWATER Point: BOREHOLE 'A' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: GLINWELL LIMITED Easting: 519500 Northing: 207200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 14/12/1977 Version End Date: -
5	480m SE	Status: Active Licence No: 28/39/28/0023 Details: Horticultural Watering Direct Source: THAMES GROUNDWATER Point: POINT 'A' AT SMALLFORD NURSERIES, ST. ALBANS Data Type: Point Name: Hertfordshire Growers Limited Easting: 519580 Northing: 207250	Annual Volume (m ³): 90290 Max Daily Volume (m ³): 527.4 Original Application No: NPS/WR/022935 Original Start Date: 13/12/1965 Expiry Date: - Issue No: 102 Version Start Date: 08/07/2016 Version End Date: -
H	505m NE	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT F Data Type: Point Name: Brett Aggregates Limited Easting: 519432 Northing: 208396	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
H	505m NE	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT F Data Type: Point Name: Brett Aggregates Limited Easting: 519432 Northing: 208396	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -



ID	Location	Details	
I	509m E	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT E Data Type: Point Name: Brett Aggregates Limited Easting: 519755 Northing: 207824	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
I	509m E	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT E Data Type: Point Name: Brett Aggregates Limited Easting: 519755 Northing: 207824	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
-	1019m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE D AT SANDRIDGE Data Type: Point Name: SHERRIFF Easting: 518000 Northing: 209500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 08/05/1967 Version End Date: -
J	1064m NE	Status: Active Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT A Data Type: Poly4 Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: NPS/WR/029175 Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -



ID	Location	Details	
J	1064m NE	Status: Active Licence No: TH/039/0028/051 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT A Data Type: Poly4 Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/028327 Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
K	1106m NE	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT A Data Type: Point Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
K	1106m NE	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT A Data Type: Point Name: Brett Aggregates Limited Easting: 519954 Northing: 208765	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
-	1143m E	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT D Data Type: Point Name: Brett Aggregates Limited Easting: 520364 Northing: 208178	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -



ID	Location	Details	
-	1143m E	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT D Data Type: Point Name: Brett Aggregates Limited Easting: 520364 Northing: 208178	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
-	1163m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: SANDRIDGE, ST ALBANS- BOREHOLE D Data Type: Point Name: SHERRIFF Easting: 517960 Northing: 209640	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 101 Version Start Date: 26/04/2004 Version End Date: -
-	1235m NE	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT B Data Type: Point Name: Brett Aggregates Limited Easting: 520170 Northing: 208737	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
-	1235m NE	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS, POINT B Data Type: Point Name: Brett Aggregates Limited Easting: 520170 Northing: 208737	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -

ID	Location	Details	
-	1291m S	Status: Historical Licence No: 28/39/28/0552 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: POINT 'A' AT BARLEY MOW LANE, TYTTENHANGER GREEN, ST. ALBANS Data Type: Point Name: GRAND CHINA PROPERTIES LIMITED Easting: 518920 Northing: 206020	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/10/1998 Expiry Date: - Issue No: 101 Version Start Date: 09/01/2002 Version End Date: -
-	1306m S	Status: Historical Licence No: 28/39/28/0552 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT BARLEY MOW LANE, TYTTENHANGER Data Type: Point Name: DE ROUFFIGNAC Easting: 518900 Northing: 206000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/10/1998 Expiry Date: - Issue No: 100 Version Start Date: 28/11/1998 Version End Date: -
8	1321m NE	Status: Historical Licence No: 28/39/28/0598/R01 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY - SOUTHERN LAGOON Data Type: Line Name: CEMEX UK MATERIALS LIMITED Easting: 519680 Northing: 209200	Annual Volume (m ³): 600000 Max Daily Volume (m ³): 3200 Original Application No: - Original Start Date: 01/04/2014 Expiry Date: 31/03/2026 Issue No: 3 Version Start Date: 01/04/2019 Version End Date: -
-	1328m NE	Status: Historical Licence No: TH/039/0028/051 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT C Data Type: Point Name: Brett Aggregates Limited Easting: 520476 Northing: 208428	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -



ID	Location	Details	
-	1328m NE	Status: Historical Licence No: TH/039/0028/054 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD ROAD QUARRY, HATFIELD, NEAR ST. ALBANS. POINT C Data Type: Point Name: Brett Aggregates Limited Easting: 520476 Northing: 208428	Annual Volume (m ³): 521632 Max Daily Volume (m ³): 2387 Original Application No: - Original Start Date: 02/11/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 02/11/2018 Version End Date: -
-	1343m NE	Status: Active Licence No: TH/039/0028/050 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY - CUTFIELD NORTH LAKE Data Type: Poly4 Name: CEMEX UK MATERIALS LIMITED Easting: 519422 Northing: 209412	Annual Volume (m ³): 110000 Max Daily Volume (m ³): 6048 Original Application No: NPS/WR/028125 Original Start Date: 20/08/2018 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 20/08/2018 Version End Date: -
-	1391m SE	Status: Historical Licence No: 28/39/28/0073 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: WET PIT AT COLNEY HEATH, HERTFORDSHIRE Data Type: Point Name: LAFARGE AGGREGATES LIMITED Easting: 520110 Northing: 206460	Annual Volume (m ³): 350496.6 Max Daily Volume (m ³): 1168.32 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/11/2001 Version End Date: -
-	1391m SE	Status: Historical Licence No: 28/39/28/0073 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: COLNEY HEATH, HERTFORDSHIRE-WET PIT Data Type: Point Name: LAFARGE AGGREGATES LIMITED Easting: 520110 Northing: 206460	Annual Volume (m ³): 350497 Max Daily Volume (m ³): 1168.32 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 13/11/2003 Version End Date: -
-	1421m NE	Status: Active Licence No: 28/39/28/0598/R01 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: HATFIELD QUARRY - SOUTHERN LAGOON Data Type: Line Name: CEMEX UK MATERIALS LIMITED Easting: 519577 Northing: 209383	Annual Volume (m ³): 950000 Max Daily Volume (m ³): 5100 Original Application No: NPS/WR/034498 Original Start Date: 01/04/2014 Expiry Date: 31/03/2026 Issue No: 4 Version Start Date: 17/01/2022 Version End Date: -



ID	Location	Details	
-	1429m SE	Status: Historical Licence No: 28/39/28/0073 Details: Mineral Washing Direct Source: THAMES GROUNDWATER Point: WET PIT AT COLNEY HEATH, HERTFORDSHIRE Data Type: Point Name: LAFARGE REDLAND AGGREGATES LIMITED Easting: 520100 Northing: 206400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/06/1998 Version End Date: -
-	1518m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE C AT SANDRIDGE Data Type: Point Name: SHERRIFF Easting: 518300 Northing: 210000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 08/05/1967 Version End Date: -
-	1632m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE B AT SANDRIDGE Data Type: Point Name: SHERRIFF Easting: 518700 Northing: 210100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 08/05/1967 Version End Date: -
-	1718m N	Status: Historical Licence No: 28/39/28/0443C Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT WOODCOCK HILL (HOME OFFICE) Data Type: Point Name: THE HOME OFFICE Easting: 518300 Northing: 210200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 22/06/1976 Version End Date: -
-	1810m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: SANDRIDGE, ST ALBANS- BOREHOLE C Data Type: Point Name: SHERRIFF Easting: 518700 Northing: 210280	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 101 Version Start Date: 26/04/2004 Version End Date: -



ID	Location	Details	
-	1815m N	Status: Historical Licence No: 28/39/28/0317 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE A AT SANDRIDGE Data Type: Point Name: SHERRIFF Easting: 518100 Northing: 210300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 08/05/1967 Version End Date: -
-	1884m S	Status: Active Licence No: 28/39/28/0226 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: TYTTENHANGER PUMPING STATION Data Type: Point Name: Affinity Water Limited Easting: 519800 Northing: 205700	Annual Volume (m ³): 6459092 Max Daily Volume (m ³): 17820.69 Original Application No: NPS/WR/011805 Original Start Date: 14/11/1966 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -
-	1911m N	Status: Historical Licence No: 28/39/28/0416 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT THE ORCHARD, WOODCOCK HILL, SANDRIDGE Data Type: Point Name: W CHAPMAN & SON Easting: 517500 Northing: 210300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/07/1975 Expiry Date: - Issue No: 100 Version Start Date: 15/07/1975 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

1

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 73 >](#)



ID	Location	Details	
-	1737m NE	Status: Historical Licence No: 28/39/28/0553 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: TRIBUTARY OF RIVER COLNE AT HATFIELD QAURRY, ST. ALBANS Data Type: Point Name: RMC AGGREGATES (GREATER LONDON) LTD Easting: 519890 Northing: 209560	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/07/1999 Expiry Date: 31-Jul-03 Issue No: 1 Version Start Date: 21/12/2000 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	2
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Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 73 >](#)

ID	Location	Details	
-	1718m N	Status: Historical Licence No: 28/39/28/0443C Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BOREHOLE AT WOODCOCK HILL (HOME OFFICE) Data Type: Point Name: THE HOME OFFICE Easting: 518300 Northing: 210200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 22/06/1976 Version End Date: -
-	1884m S	Status: Active Licence No: 28/39/28/0226 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: TYTTENHANGER PUMPING STATION Data Type: Point Name: Affinity Water Limited Easting: 519800 Northing: 205700	Annual Volume (m ³): 6459092 Max Daily Volume (m ³): 17820.69 Original Application No: NPS/WR/011805 Original Start Date: 14/11/1966 Expiry Date: - Issue No: 102 Version Start Date: 14/11/2012 Version End Date: -

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



5.9 Source Protection Zones

Records within 500m

2

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 73](#) >

ID	Location	Type	Description
1	On site	2	Outer catchment
2	On site	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

0

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

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

6 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m

43

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

Features are displayed on the Hydrology map on [page 88 >](#)

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



ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
F	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
I	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
H	9m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	14m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	14m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
N	50m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
N	51m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
N	59m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Butterwick Brook



ID	Location	Type of water feature	Ground level	Permanence	Name
N	62m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
O	63m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
P	77m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	98m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	107m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	107m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	120m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	125m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
T	132m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	181m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	181m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	193m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
V	199m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
W	199m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Butterwick Brook
U	211m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
X	215m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

16

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

Features are displayed on the Hydrology map on [page 88 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on [page 88 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
J	On site	River	Upper Colne and Ellen Brook	GB106039029820	Colne	Colne

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



6.4 WFD Surface water bodies

Records identified

1

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

Features are displayed on the Hydrology map on [page 88 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1332m SE	River	Upper Colne and Ellen Brook	GB106039029820 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

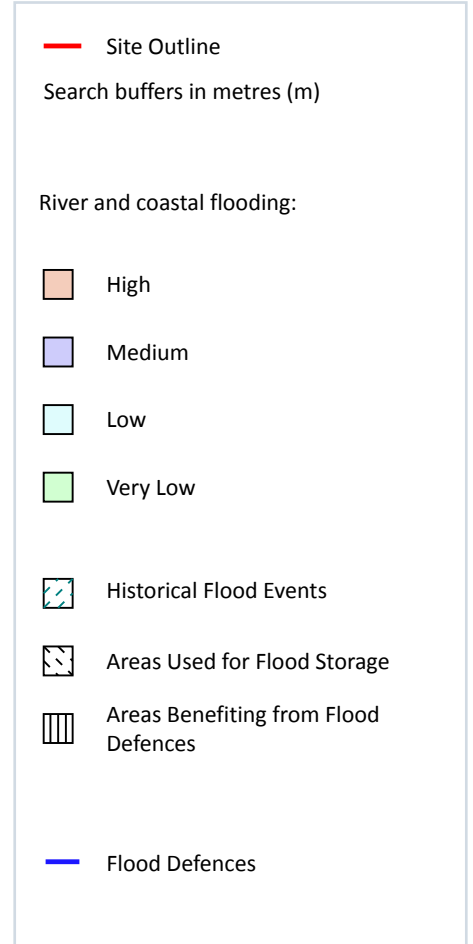
Features are displayed on the Hydrology map on [page 88 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
J	On site	Mid-Chilterns Chalk	GB40601G601200 ↗	Poor	Poor	Poor	2019

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

3

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

Features are displayed on the River and coastal flooding map on [page 94 >](#)

Distance	Flood risk category
On site	N/A
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	0
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

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

7.3 Flood Defences

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

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

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

7.4 Areas Benefiting from Flood Defences

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

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

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

7.5 Flood Storage Areas

Records within 250m	0
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Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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



River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on [page 94](#) >

Location	Type
17m NE	Zone 2 - (Fluvial /Tidal Models)

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

7.7 Flood Zone 3

Records within 50m

1

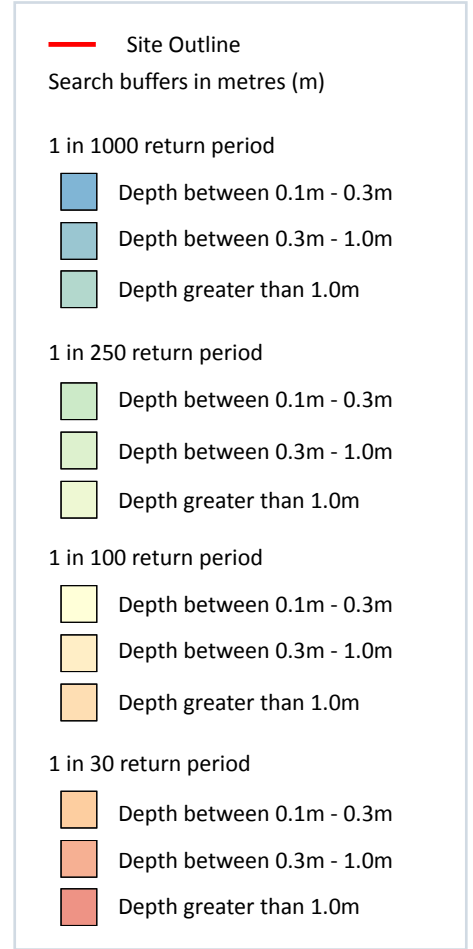
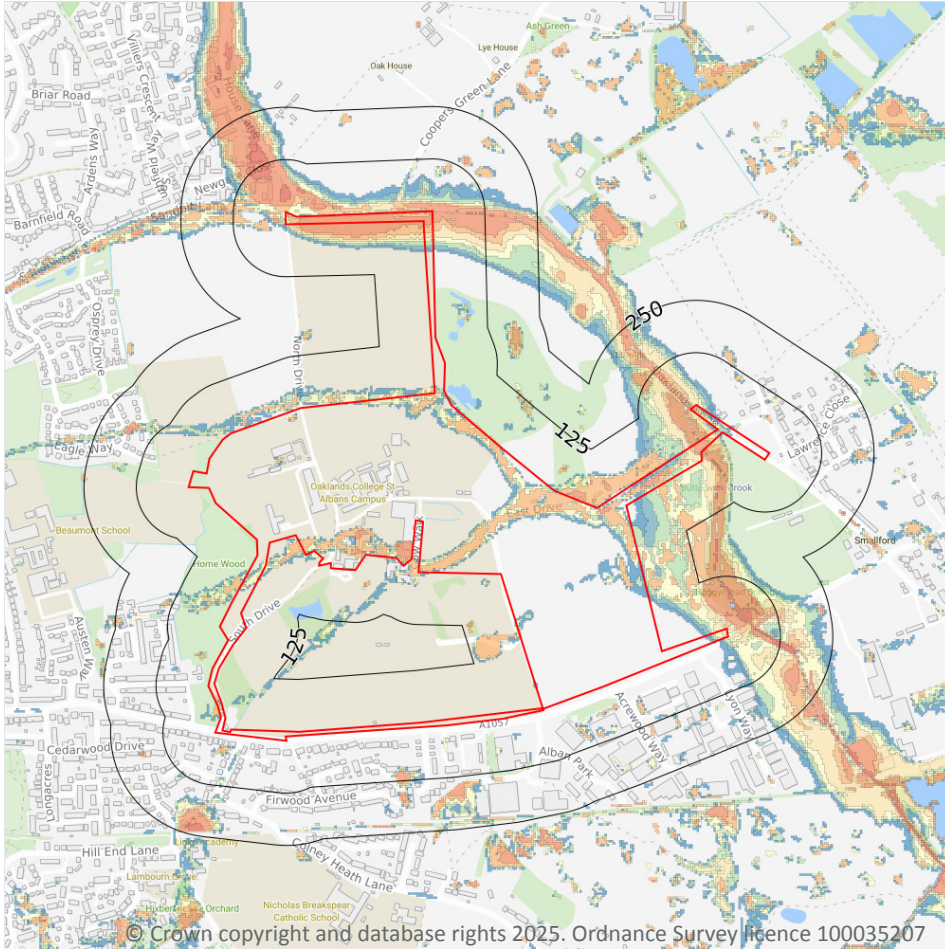
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on [page 94 >](#)

Location	Type
26m NE	Zone 3 - (Fluvial /Tidal Models)

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on [page 98 >](#)

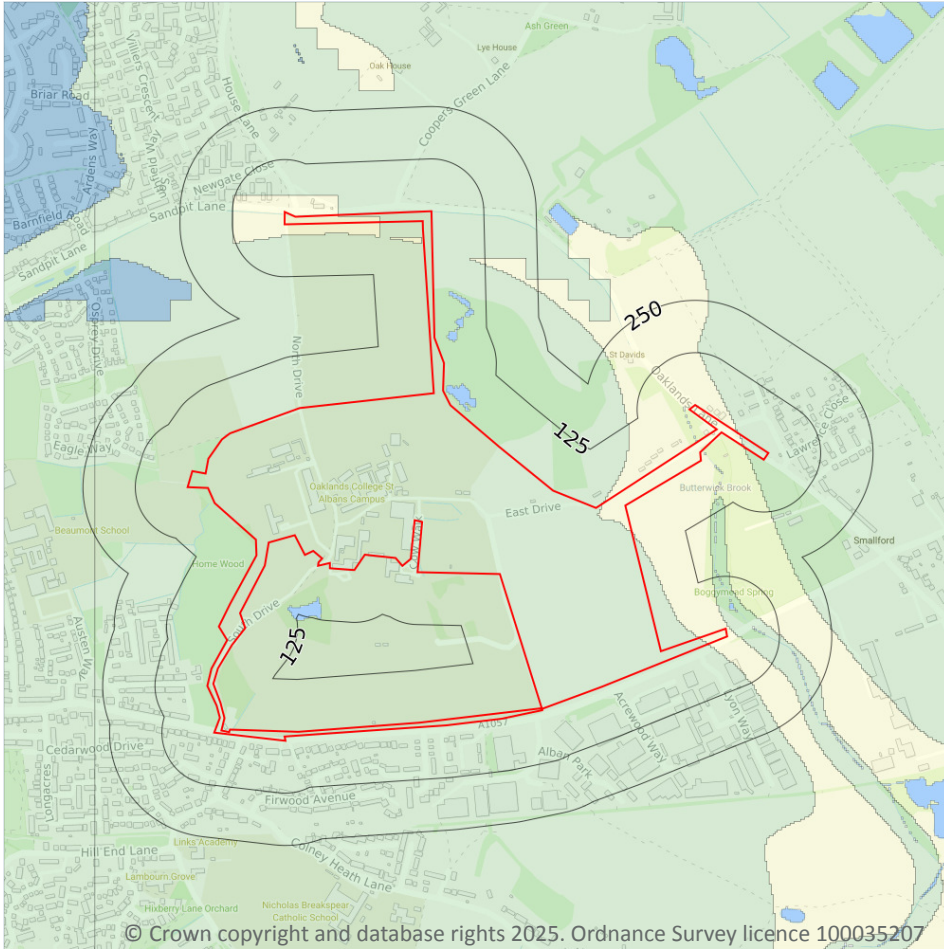
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate

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

Features are displayed on the Groundwater flooding map on [page 100](#) >

This data is sourced from Ambiantal Risk Analytics.