

GROUNDSURE REPORT

unspecified

Order Details

Date: 01/08/2023
Your ref: EMS_884739_1094865
Our Ref: EMS-884739_1130998

Site Details

Location: 624686 138669
Area: 4.03 ha
Authority: [Dover District Council](#) ↗



[Summary of findings](#)

[p. 2 > Aerial image](#)

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[OS MasterMap site plan](#)

[p.14 > \[groundsure.com/insightuserguide\]\(https://groundsure.com/insightuserguide\) ↗](#)

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
15 >	1.1 >	Historical industrial land uses >	0	0	4	11	-
16 >	1.2 >	Historical tanks >	0	0	2	0	-
17 >	1.3 >	Historical energy features >	0	0	10	0	-
17	1.4	Historical petrol stations	0	0	0	0	-
18 >	1.5 >	Historical garages >	0	0	2	0	-
18	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
19 >	2.1 >	Historical industrial land uses >	0	0	7	17	-
20 >	2.2 >	Historical tanks >	0	0	2	0	-
21 >	2.3 >	Historical energy features >	0	0	14	0	-
22	2.4	Historical petrol stations	0	0	0	0	-
22 >	2.5 >	Historical garages >	0	0	5	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
23	3.1	Active or recent landfill	0	0	0	0	-
23	3.2	Historical landfill (BGS records)	0	0	0	0	-
24	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
24	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
24	3.5	Historical waste sites	0	0	0	0	-
24	3.6	Licensed waste sites	0	0	0	0	-
24 >	3.7 >	Waste exemptions >	0	0	31	3	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
29 >	4.1 >	Recent industrial land uses >	0	1	9	-	-
30	4.2	Current or recent petrol stations	0	0	0	0	-
30	4.3	Electricity cables	0	0	0	0	-
30	4.4	Gas pipelines	0	0	0	0	-
31	4.5	Sites determined as Contaminated Land	0	0	0	0	-



31	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
31	4.7	Regulated explosive sites	0	0	0	0	-
31	4.8	Hazardous substance storage/usage	0	0	0	0	-
31	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
32	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
32	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
32	4.12	Radioactive Substance Authorisations	0	0	0	0	-
32	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
32	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
33	4.15	Pollutant release to public sewer	0	0	0	0	-
33	4.16	List 1 Dangerous Substances	0	0	0	0	-
33	4.17	List 2 Dangerous Substances	0	0	0	0	-
33 >	4.18 >	<u>Pollution Incidents (EA/NRW) ></u>	0	0	2	0	-
34	4.19	Pollution inventory substances	0	0	0	0	-
34	4.20	Pollution inventory waste transfers	0	0	0	0	-
34	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	<u>Hydrogeology ></u>	On site	0-50m	50-250m	250-500m	500-2000m
35 >	5.1 >	<u>Superficial aquifer ></u>	Identified (within 500m)				
37 >	5.2 >	<u>Bedrock aquifer ></u>	Identified (within 500m)				
39 >	5.3 >	<u>Groundwater vulnerability ></u>	Identified (within 50m)				
40 >	5.4 >	<u>Groundwater vulnerability- soluble rock risk ></u>	Identified (within 0m)				
40	5.5	Groundwater vulnerability- local information	None (within 0m)				
41 >	5.6 >	<u>Groundwater abstractions ></u>	0	0	0	0	6
43	5.7	Surface water abstractions	0	0	0	0	0
43 >	5.8 >	<u>Potable abstractions ></u>	0	0	0	0	6
45 >	5.9 >	<u>Source Protection Zones ></u>	1	0	1	0	-
45	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
46	6.1	Water Network (OS MasterMap)	0	0	0	-	-



46	6.2	Surface water features	0	0	0	-	-
47 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
47 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
48 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
49	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
49	7.2	Historical Flood Events	0	0	0	-	-
49	7.3	Flood Defences	0	0	0	-	-
50	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
50	7.5	Flood Storage Areas	0	0	0	-	-
51	7.6	Flood Zone 2	None (within 50m)				
51	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
52	8.1	Surface water flooding	Negligible (within 50m)				
Page	Section	Groundwater flooding >					
53 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
54 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	1	1
55	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
55 >	10.3 >	Special Areas of Conservation (SAC) >	0	0	0	0	1
55	10.4	Special Protection Areas (SPA)	0	0	0	0	0
56	10.5	National Nature Reserves (NNR)	0	0	0	0	0
56 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	1	1
56 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	2
57	10.8	Biosphere Reserves	0	0	0	0	0
57	10.9	Forest Parks	0	0	0	0	0
57 >	10.10 >	Marine Conservation Zones >	0	0	0	0	1
57	10.11	Green Belt	0	0	0	0	0
58	10.12	Proposed Ramsar sites	0	0	0	0	0



58	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
58	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
58	10.15	Nitrate Sensitive Areas	0	0	0	0	0
59	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
60 >	10.17 >	<u>SSSI Impact Risk Zones ></u>	3	-	-	-	-
62 >	10.18 >	<u>SSSI Units ></u>	0	0	0	1	5
Page	Section	<u>Visual and cultural designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
66	11.1	World Heritage Sites	0	0	0	-	-
67 >	11.2 >	<u>Area of Outstanding Natural Beauty ></u>	0	1	0	-	-
67	11.3	National Parks	0	0	0	-	-
67	11.4	Listed Buildings	0	0	0	-	-
68	11.5	Conservation Areas	0	0	0	-	-
68	11.6	Scheduled Ancient Monuments	0	0	0	-	-
68	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<u>Agricultural designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
69 >	12.1 >	<u>Agricultural Land Classification ></u>	Non Agricultural (within 250m)				
70	12.2	Open Access Land	0	0	0	-	-
70 >	12.3 >	<u>Tree Felling Licences ></u>	0	0	1	-	-
70	12.4	Environmental Stewardship Schemes	0	0	0	-	-
71 >	12.5 >	<u>Countryside Stewardship Schemes ></u>	1	1	1	-	-
Page	Section	<u>Habitat designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
72	13.1	Priority Habitat Inventory	0	0	0	-	-
72 >	13.2 >	<u>Habitat Networks ></u>	0	1	2	-	-
73	13.3	Open Mosaic Habitat	0	0	0	-	-
73	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<u>Geology 1:10,000 scale ></u>	On site	0-50m	50-250m	250-500m	500-2000m
74 >	14.1 >	<u>10k Availability ></u>	Identified (within 500m)				
75	14.2	Artificial and made ground (10k)	0	0	0	0	-
76 >	14.3 >	<u>Superficial geology (10k) ></u>	2	1	3	9	-



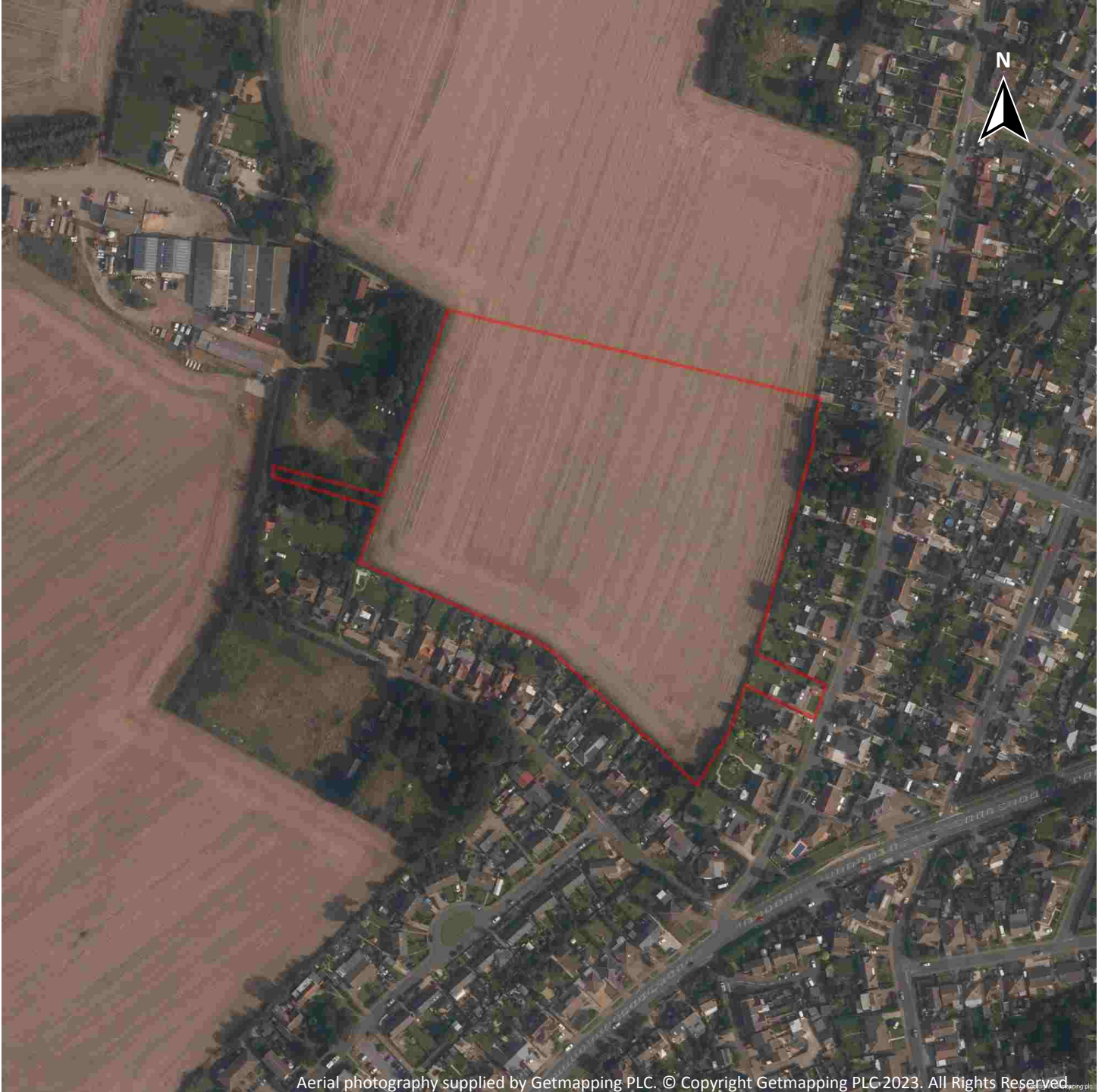
77 >	14.4 >	Landslip (10k) >	0	0	0	2	-
78 >	14.5 >	Bedrock geology (10k) >	1	0	2	5	-
79	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	15.1 >	50k Availability >	Identified (within 500m)				
81	15.2	Artificial and made ground (50k)	0	0	0	0	-
81	15.3	Artificial ground permeability (50k)	0	0	-	-	-
82 >	15.4 >	Superficial geology (50k) >	2	0	1	7	-
83 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
83 >	15.6 >	Landslip (50k) >	0	0	0	1	-
84	15.7	Landslip permeability (50k)	None (within 50m)				
85 >	15.8 >	Bedrock geology (50k) >	1	0	1	2	-
86 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
86 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	1	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
87 >	16.1 >	BGS Boreholes >	0	0	1	-	-
Page	Section	Natural ground subsidence >					
88 >	17.1 >	Shrink swell clays >	Low (within 50m)				
89 >	17.2 >	Running sands >	Very low (within 50m)				
91 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
92 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
93 >	17.5 >	Landslides >	Very low (within 50m)				
94 >	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
96	18.1	BritPits	0	0	0	0	-
97 >	18.2 >	Surface ground workings >	0	0	15	-	-
97 >	18.3 >	Underground workings >	0	0	1	1	0
98	18.4	Underground mining extents	0	0	0	0	-
98	18.5	Historical Mineral Planning Areas	0	0	0	0	-



98 >	18.6 >	Non-coal mining >	1	0	1	0	0
99	18.7	JPB mining areas	None (within 0m)				
99	18.8	The Coal Authority non-coal mining	0	0	0	0	-
99 >	18.9 >	Researched mining >	0	0	1	0	-
100	18.10	Mining record office plans	0	0	0	0	-
100	18.11	BGS mine plans	0	0	0	0	-
100 >	18.12 >	Coal mining >	Identified (within 0m)				
100	18.13	Brine areas	None (within 0m)				
101	18.14	Gypsum areas	None (within 0m)				
101	18.15	Tin mining	None (within 0m)				
101	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes >	On site	0-50m	50-250m	250-500m	500-2000m
102 >	19.1 >	Natural cavities >	0	0	1	1	-
103	19.2	Mining cavities	0	0	0	0	0
103	19.3	Reported recent incidents	0	0	0	0	-
103 >	19.4 >	Historical incidents >	0	0	0	14	-
104	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
106 >	20.1 >	Radon >	Greater than 30% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
108 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	3	-	-	-
108	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
108	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
109	22.1	Underground railways (London)	0	0	0	-	-
109	22.2	Underground railways (Non-London)	0	0	0	-	-
110 >	22.3 >	Railway tunnels >	0	0	1	-	-
110 >	22.4 >	Historical railway and tunnel features >	0	0	6	-	-
110	22.5	Royal Mail tunnels	0	0	0	-	-

111	22.6	Historical railways	0	0	0	-	-
111 >	22.7 >	Railways >	0	0	2	-	-
111	22.8	Crossrail 1	0	0	0	0	-
111	22.9	Crossrail 2	0	0	0	0	-
112	22.10	HS2	0	0	0	0	-

Recent aerial photograph



Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2023. All Rights Reserved.

Capture Date: 21/08/2019

Site Area: 4.03ha



Recent site history - 2018 aerial photograph



Capture Date: 06/08/2018

Site Area: 4.03ha



Recent site history - 2012 aerial photograph



Capture Date: 27/05/2012

Site Area: 4.03ha



Recent site history - 2006 aerial photograph



Capture Date: 30/06/2006

Site Area: 4.03ha



Recent site history - 1999 aerial photograph



Capture Date: 28/08/1999

Site Area: 4.03ha



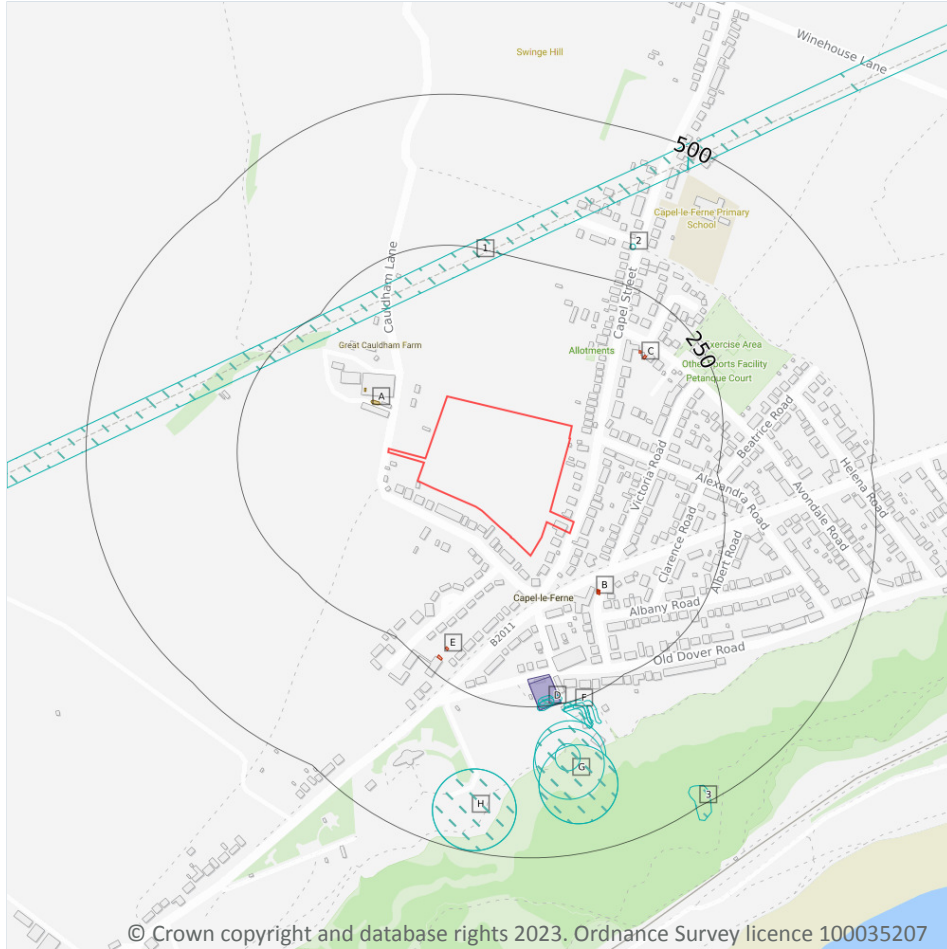
OS MasterMap site plan



Site Area: 4.03ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m **15**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
1	173m NW	Tunnel	1993	2354064

ID	Location	Land use	Dates present	Group ID
D	233m S	Unspecified Pit	1931 - 1938	2359318
D	237m S	Unspecified Pit	1931 - 1938	2358216
D	240m S	Unspecified Pit	1961	2360980
F	251m S	Unspecified Ground Workings	1931 - 1938	2362504
F	256m S	Unspecified Pit	1931 - 1938	2361357
F	259m S	Unspecified Ground Workings	1961	2357660
G	280m S	Unspecified Hole	1906 - 1938	2363800
G	292m S	Unspecified Hole	1872	2352969
2	309m NE	Unspecified Tank	1961	2348217
G	317m S	Unspecified Hole	1961	2364701
G	321m S	Unspecified Hole	1897	2354358
H	363m S	Unspecified Hole	1993	2354745
H	363m S	Unspecified Hole	1973	2363478
3	465m SE	Unspecified Heap	1957	2351461

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

2

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	75m NW	Tanks	1979	421595
A	102m NW	Unspecified Tank	1937	423021

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m**10**

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
B	104m SE	Electricity Substation	1975	301542
B	104m SE	Electricity Substation	1979	302028
B	105m SE	Electricity Substation	1972	301090
B	107m SE	Electricity Substation	1993	301226
B	107m SE	Electricity Substation	1992	301723
B	107m SE	Electricity Substation	1993	302181
C	163m NE	Electricity Substation	1972	300736
C	164m NE	Electricity Substation	1975 - 1979	301175
E	205m S	Electricity Substation	1992 - 1993	301858
E	224m S	Electricity Substation	1975 - 1979	301998

This data is sourced from Ordnance Survey / Groundsure.

1.4 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, 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

2

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
D	199m S	Garage	1975 - 1979	89352
D	203m S	Garage	1992 - 1993	89550

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

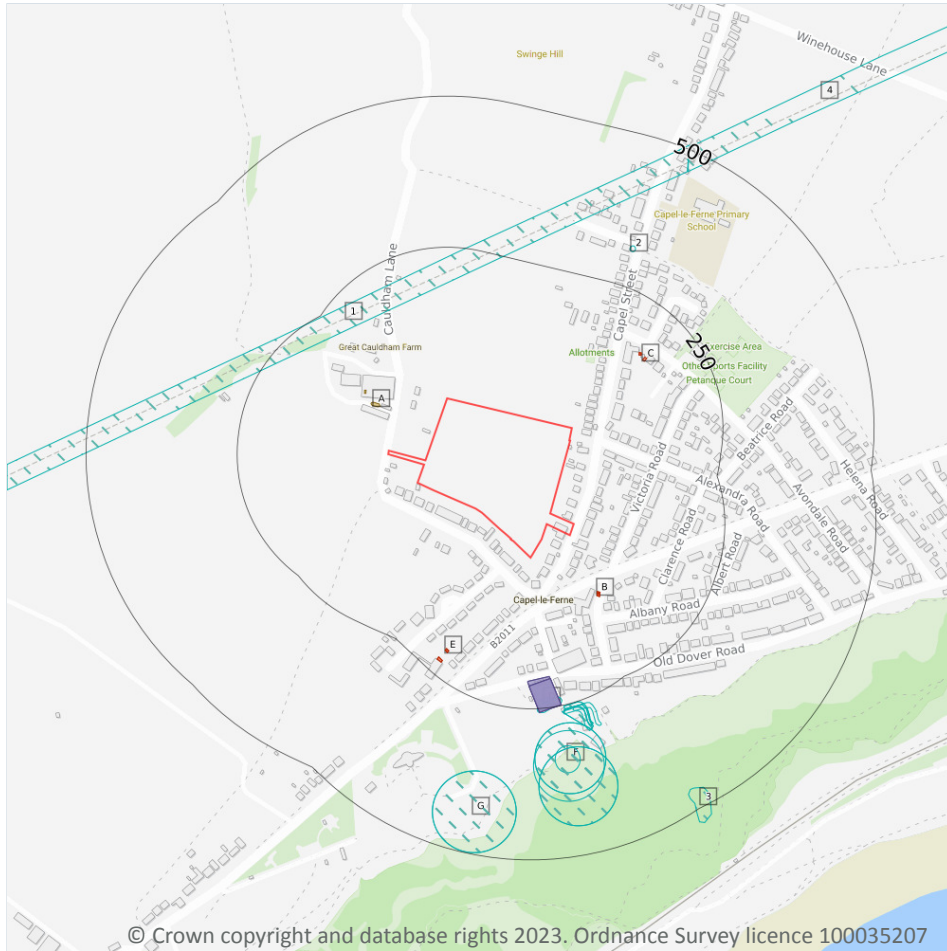
0

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 **24**

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 19](#) >

ID	Location	Land Use	Date	Group ID
1	173m NW	Tunnel	1993	2354064
D	233m S	Unspecified Pit	1931	2359318
D	233m S	Unspecified Pit	1931	2359318

ID	Location	Land Use	Date	Group ID
D	235m S	Unspecified Pit	1938	2359318
D	237m S	Unspecified Pit	1938	2358216
D	237m S	Unspecified Pit	1931	2358216
D	240m S	Unspecified Pit	1961	2360980
D	251m S	Unspecified Ground Workings	1931	2362504
D	251m S	Unspecified Ground Workings	1931	2362504
D	256m S	Unspecified Pit	1938	2361357
D	256m S	Unspecified Pit	1931	2361357
D	257m S	Unspecified Ground Workings	1938	2362504
D	259m S	Unspecified Ground Workings	1961	2357660
F	280m S	Unspecified Hole	1938	2363800
F	280m S	Unspecified Hole	1931	2363800
F	292m S	Unspecified Hole	1872	2352969
2	309m NE	Unspecified Tank	1961	2348217
F	317m S	Unspecified Hole	1961	2364701
F	321m S	Unspecified Hole	1906	2363800
F	321m S	Unspecified Hole	1897	2354358
G	363m S	Unspecified Hole	1993	2354745
G	363m S	Unspecified Hole	1973	2363478
3	465m SE	Unspecified Heap	1957	2351461
4	466m NE	Tunnel	1993	2354064

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

2

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 19 >](#)



ID	Location	Land Use	Date	Group ID
A	75m NW	Tanks	1979	421595
A	102m NW	Unspecified Tank	1937	423021

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	14
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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 19 >](#)

ID	Location	Land Use	Date	Group ID
B	104m SE	Electricity Substation	1979	302028
B	104m SE	Electricity Substation	1975	301542
B	105m SE	Electricity Substation	1972	301090
B	107m SE	Electricity Substation	1993	301226
B	107m SE	Electricity Substation	1992	301723
B	107m SE	Electricity Substation	1993	302181
C	163m NE	Electricity Substation	1972	300736
C	164m NE	Electricity Substation	1979	301175
C	164m NE	Electricity Substation	1975	301175
E	205m S	Electricity Substation	1993	301858
E	205m S	Electricity Substation	1992	301858
E	205m S	Electricity Substation	1993	301858
E	224m S	Electricity Substation	1979	301998
E	224m S	Electricity Substation	1975	301998

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**5**

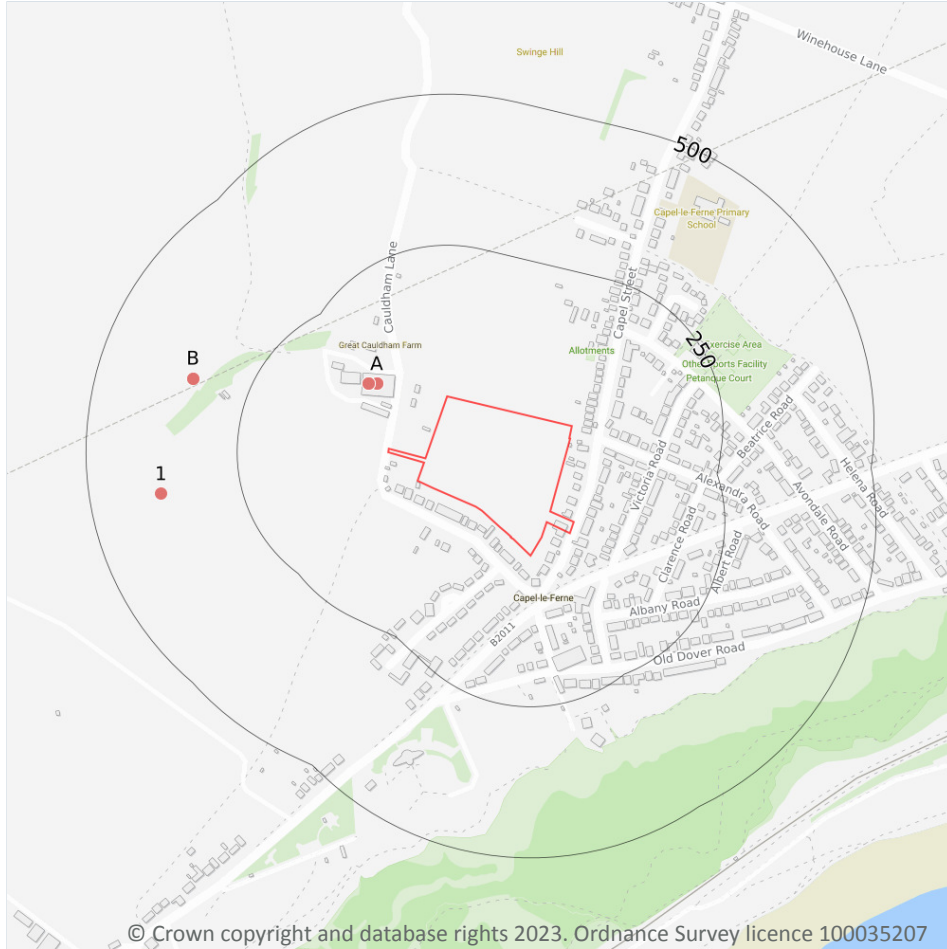
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 19 >](#)

ID	Location	Land Use	Date	Group ID
D	199m S	Garage	1975	89352
D	199m S	Garage	1979	89352
D	203m S	Garage	1993	89550
D	203m S	Garage	1992	89550
D	203m S	Garage	1993	89550

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



— Site Outline

Search buffers in metres (m)

● Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m **0**

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 **0**

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.

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

3.5 Historical waste sites

Records within 500m **0**

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

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

3.6 Licensed waste sites

Records within 500m **0**

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

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

3.7 Waste exemptions

Records within 500m **34**

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 23](#) >

ID	Location	Site	Reference	Category	Sub-Category	Description
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Use of waste for a specified purpose
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Use of waste in construction
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Disposing of waste exemption	On a Farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Burning of waste as a fuel in a small appliance
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Disposing of waste exemption	On a Farm	Burning waste in the open
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Storing waste exemption	On a Farm	Storage of waste in a secure place
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Treating waste exemption	On a Farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Spreading waste on non-agricultural land to confer benefit
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Using waste exemption	On a Farm	Use of waste in the construction of entertainment or educational installations etc



ID	Location	Site	Reference	Category	Sub-Category	Description
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Treating waste exemption	On a Farm	Screening and blending of waste
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX150837	Treating waste exemption	On a Farm	Aerobic composting and associated prior treatment
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Disposing of waste exemption	On a farm	Burning waste in the open
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Treating waste exemption	On a farm	Screening and blending of waste
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Using waste exemption	On a farm	Spreading waste on non-agricultural land to confer benefit
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPELLE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Using waste exemption	On a farm	Use of waste for a specified purpose



ID	Location	Site	Reference	Category	Sub-Category	Description
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPEL-LE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
A	109m NW	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPEL-LE-FERNE, FOLKESTONE, CT18 7HQ	WEX288128	Using waste exemption	On a farm	Use of waste in construction
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Disposal by incineration
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Screening and blending of waste
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of mulch

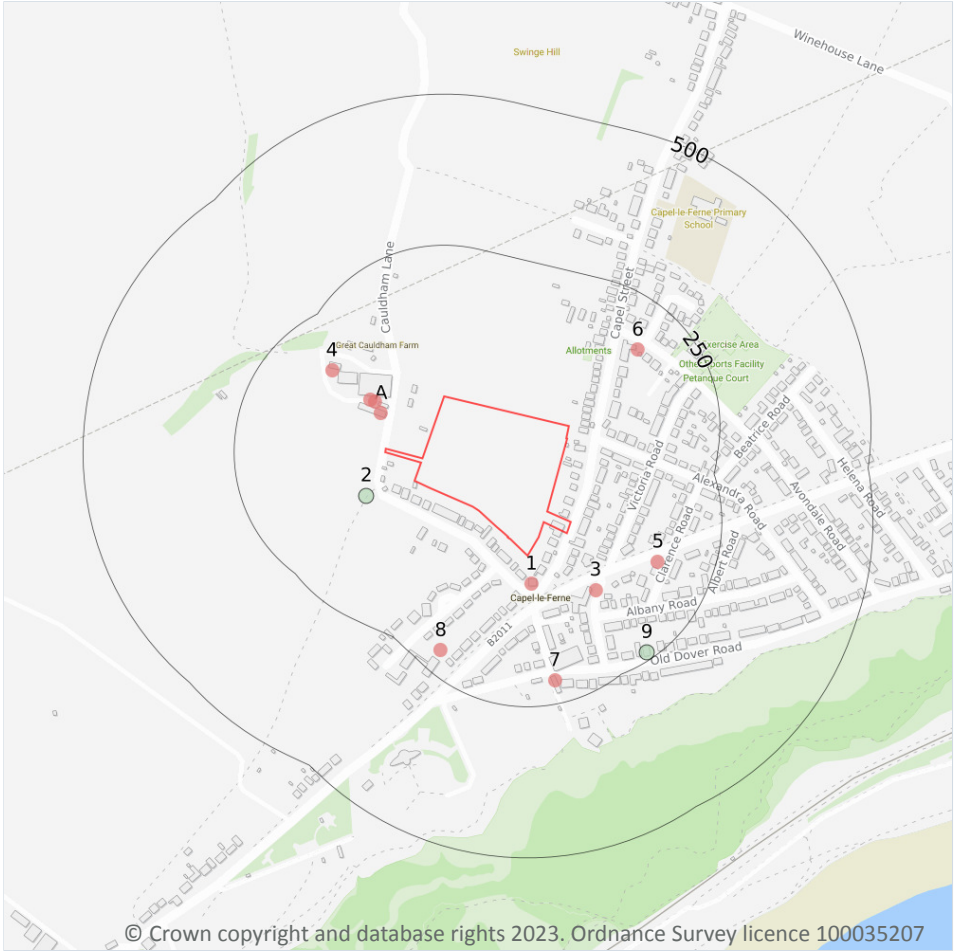


ID	Location	Site	Reference	Category	Sub-Category	Description
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of baled end-of-life tyres in construction
A	112m NW	GREAT CAULDHAM FARM CAULDHAM LAN CAPEL-LE-FERNE FOLKESTONE KENT CT18 7HQ	EPR/DF0533A M/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
B	344m W	GREAT CAULDHAM FARM, CAULDHAM LANE, CAPEL-LE-FERNE, FOLKESTONE, CT18 7HQ	WEX175327	Storing waste exemption	On a farm	Storage of sludge
B	344m W	-	WEX257487	Storing waste exemption	On a farm	Storage of sludge
1	383m W	-	WEX331712	Storing waste exemption	On a farm	Storage of sludge

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



4 Current industrial land use



— Site Outline

Search buffers in metres (m)

- Recent industrial land uses
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **10**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 29](#) >

ID	Location	Company	Address	Activity	Category
1	47m S	House & Garden Clearance	The Homestead 2, Cauldham Lane, Capel-le-Ferne, Kent, CT18 7HG	Clearance and Salvage Dealers	Recycling Services
A	59m NW	Invicta Moulds Ltd	Unit 1 Great Cauldham Farm, Cauldham Lane, Capel-le-Ferne, Kent, CT18 7HQ	Moulds, Dies and Castings	Industrial Products
A	79m NW	Silo	Kent, CT18	Hoppers and Silos	Farming

ID	Location	Company	Address	Activity	Category
A	85m NW	Silo	Kent, CT18	Hoppers and Silos	Farming
3	105m SE	Electricity Sub Station	Kent, CT18	Electrical Features	Infrastructure and Facilities
4	157m NW	Silo	Kent, CT18	Hoppers and Silos	Farming
5	158m SE	Gas Governor	Kent, CT18	Gas Features	Infrastructure and Facilities
6	170m NE	Electricity Sub Station	Kent, CT18	Electrical Features	Infrastructure and Facilities
7	211m S	Capel Garage	30, Old Dover Road, Capel-le-Ferne, Kent, CT18 7HN	Vehicle Repair, Testing and Servicing	Repair and Servicing
8	212m S	Electricity Sub Station	Kent, CT18	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m **0**

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m **0**

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.

4.7 Regulated explosive sites

Records within 500m **0**

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.

4.8 Hazardous substance storage/usage

Records within 500m **0**

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.

4.9 Historical licensed industrial activities (IPC)

Records within 500m **0**

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.



4.10 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.

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

Records within 500m **0**

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.

This data is sourced from Local Authority records.

4.12 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.

4.13 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.

4.14 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.

4.15 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.

4.16 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.

4.17 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.

4.18 Pollution Incidents (EA/NRW)

Records within 500m

2

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 29 >](#)

ID	Location	Details	
2	78m W	Incident Date: 23/06/2002 Incident Identification: 86697 Pollutant: Oils and Fuel Pollutant Description: Insulating and Cable Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
9	237m SE	Incident Date: 13/11/2003 Incident Identification: 201452 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Vegetable Cuttings and Deposits	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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



4.19 Pollution inventory substances

Records within 500m

0

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.

4.20 Pollution inventory waste transfers

Records within 500m

0

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.

4.21 Pollution inventory radioactive waste

Records within 500m

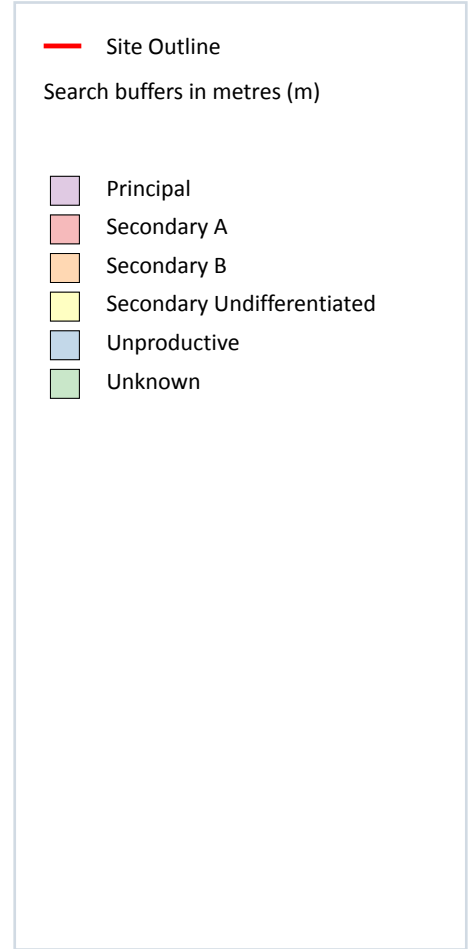
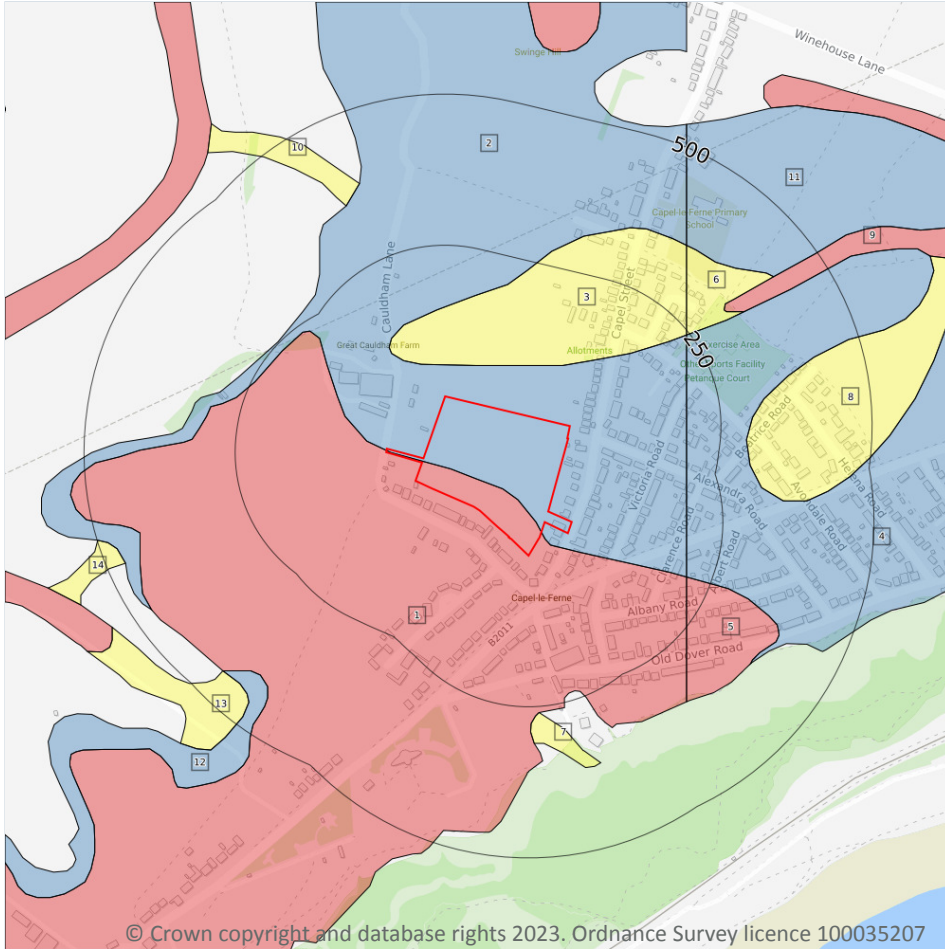
0

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

14

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 35 >](#)

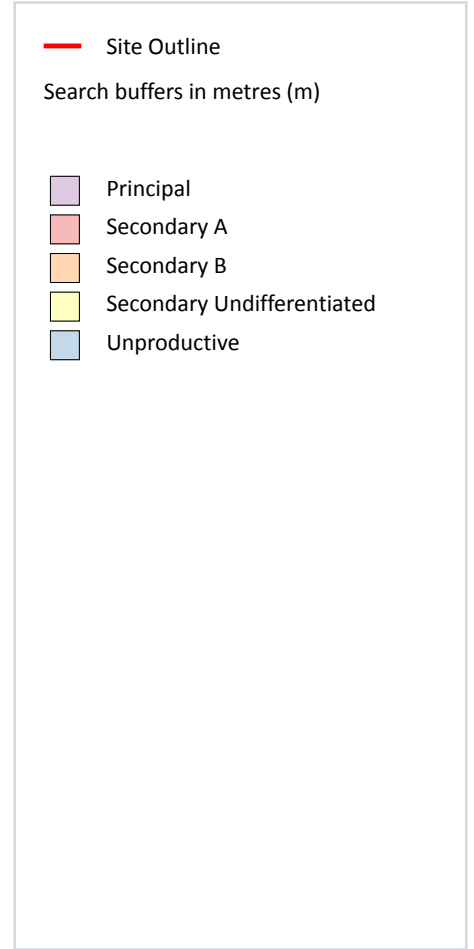
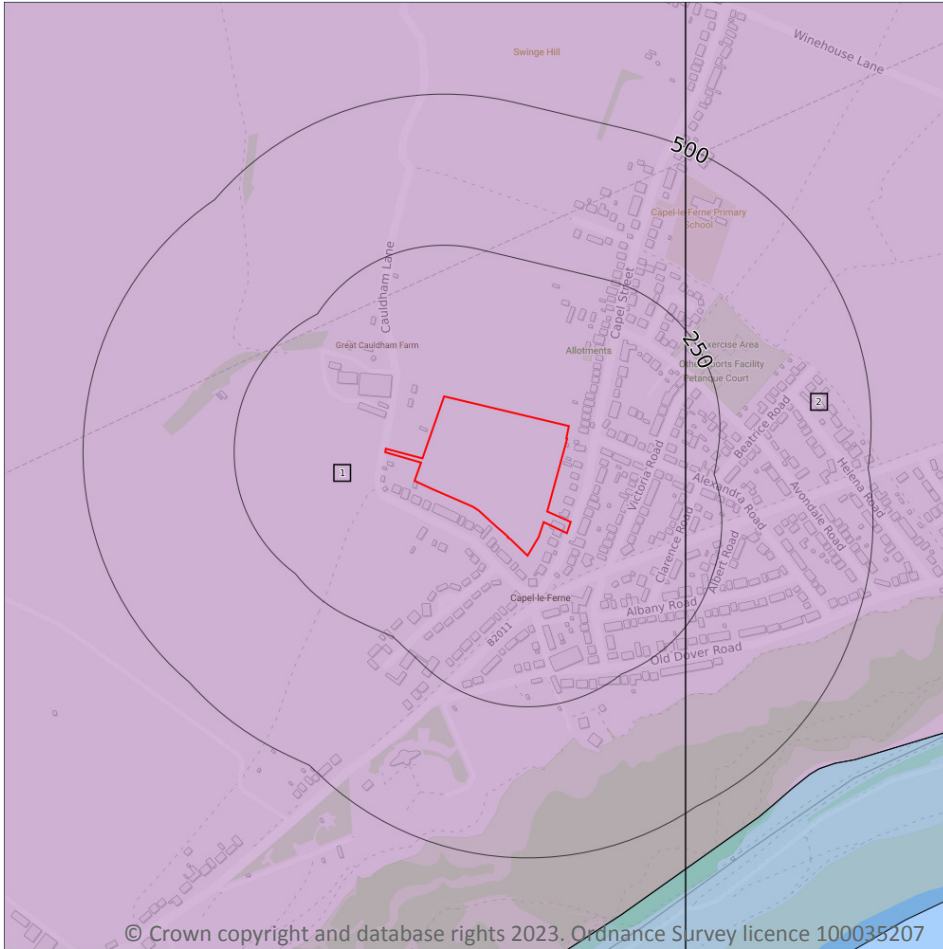
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
3	52m NW	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	190m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	209m SE	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
6	245m NE	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
7	260m S	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
8	293m E	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
9	319m NE	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
10	355m NW	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
11	356m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	411m SW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
13	444m SW	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
14	469m W	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

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

2

Aquifer status of groundwater held within bedrock geology.

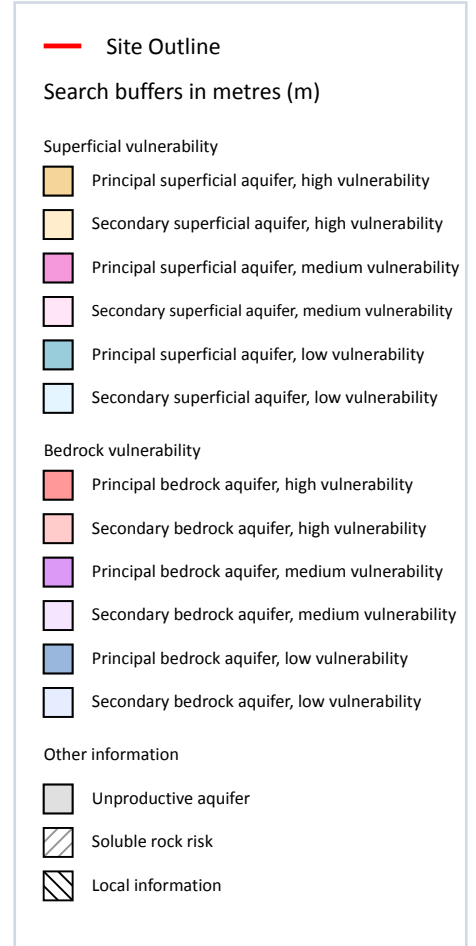
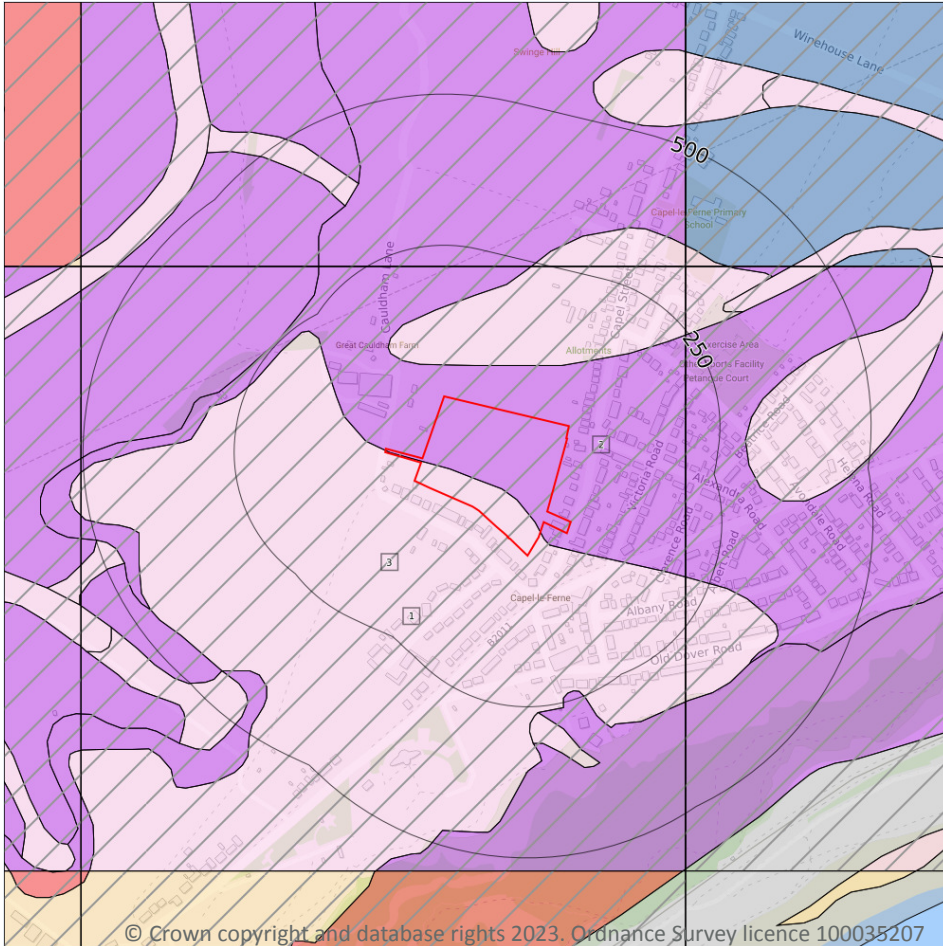
Features are displayed on the Bedrock aquifer map on [page 37](#) >

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
2	190m E	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

2

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 39](#) >

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: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures
2	On site	Summary Classification: Principal bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: 40-70% Dilution value: 300-550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium 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

1

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
3	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.	11.0%

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

5.5 Groundwater vulnerability- local information

Records on site

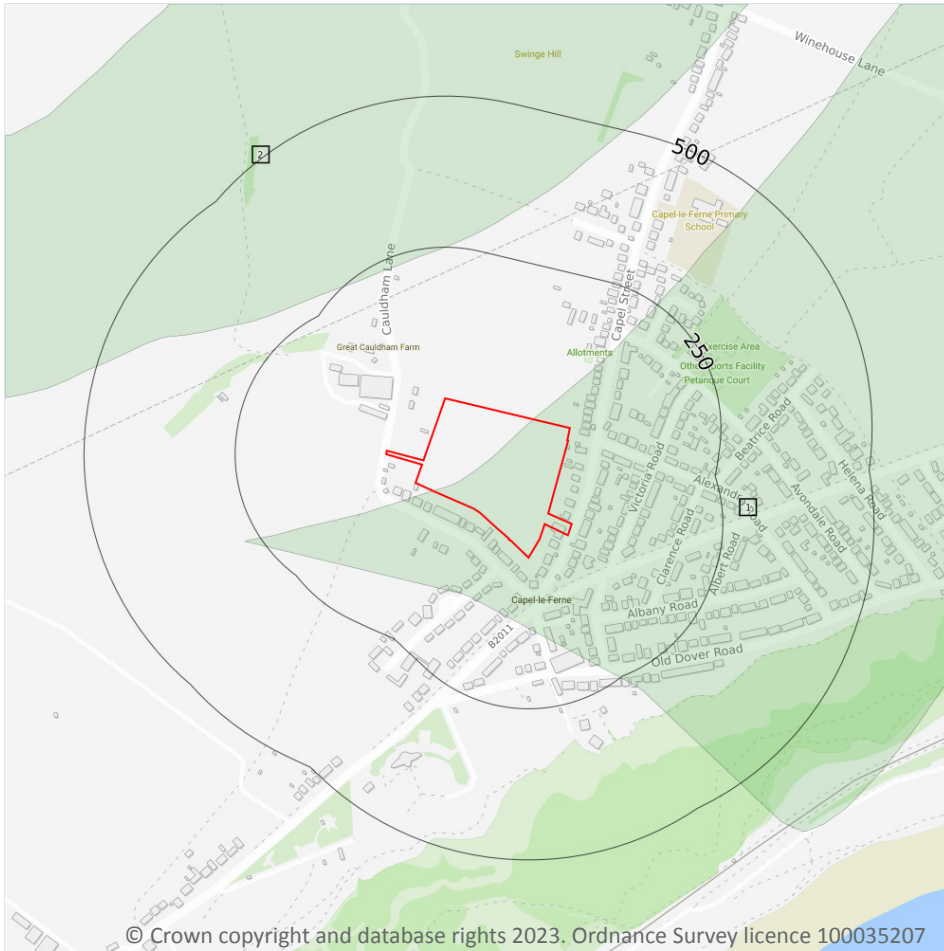
0

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 ↗.

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



Abstractions and Source Protection Zones



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5.6 Groundwater abstractions

Records within 2000m

6

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 41](#) >

ID	Location	Details	
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT LOWER STANDEN PS Data Type: Poly4 Name: Folkestone & Dover Water Services Ltd Easting: 623410 Northing: 141730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 14/03/1994 Version End Date: -
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT DRELLINGORE PS Data Type: Poly4 Name: Folkestone & Dover Water Services Ltd Easting: 623410 Northing: 141730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 14/03/1994 Version End Date: -
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT DRELLINGORE PS Data Type: Poly4 Name: Affinity Water Limited Easting: 624328 Northing: 141211	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 27/10/2015 Version End Date: -
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT LOWER STANDEN PS Data Type: Poly4 Name: Affinity Water Limited Easting: 624131 Northing: 140447	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 27/10/2015 Version End Date: -
-	1728m N	Status: Active Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE F AT LOWER STANDEN Data Type: Point Name: Affinity Water Limited Easting: 624102 Northing: 140440	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: NPS WR/019494 Original Start Date: 15/02/1967 Expiry Date: - Issue No: 104 Version Start Date: 07/03/2016 Version End Date: -



ID	Location	Details	
-	1730m N	Status: Active Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE E AT LOWER STANDEN Data Type: Point Name: Affinity Water Limited Easting: 624099 Northing: 140441	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: NPS/WR/019494 Original Start Date: 15/02/1967 Expiry Date: - Issue No: 104 Version Start Date: 07/03/2016 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

0

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.

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

5.8 Potable abstractions

Records within 2000m

6

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 41 >](#)

ID	Location	Details	
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT LOWER STANDEN PS Data Type: Poly4 Name: Folkestone & Dover Water Services Ltd Easting: 623410 Northing: 141730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 14/03/1994 Version End Date: -



ID	Location	Details	
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT DRELLINGORE PS Data Type: Poly4 Name: Folkestone & Dover Water Services Ltd Easting: 623410 Northing: 141730	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 14/03/1994 Version End Date: -
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT DRELLINGORE PS Data Type: Poly4 Name: Affinity Water Limited Easting: 624328 Northing: 141211	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 27/10/2015 Version End Date: -
-	1086m NW	Status: Historical Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLES AT LOWER STANDEN PS Data Type: Poly4 Name: Affinity Water Limited Easting: 624131 Northing: 140447	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 27/10/2015 Version End Date: -
-	1728m N	Status: Active Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE F AT LOWER STANDEN Data Type: Point Name: Affinity Water Limited Easting: 624102 Northing: 140440	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: NPS/WR/019494 Original Start Date: 15/02/1967 Expiry Date: - Issue No: 104 Version Start Date: 07/03/2016 Version End Date: -
-	1730m N	Status: Active Licence No: 9/40/04/0065/GR Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE E AT LOWER STANDEN Data Type: Point Name: Affinity Water Limited Easting: 624099 Northing: 140441	Annual Volume (m ³): 5490000 Max Daily Volume (m ³): 17000 Original Application No: NPS/WR/019494 Original Start Date: 15/02/1967 Expiry Date: - Issue No: 104 Version Start Date: 07/03/2016 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 41](#) >

ID	Location	Type	Description
1	On site	3	Total catchment
2	233m NW	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

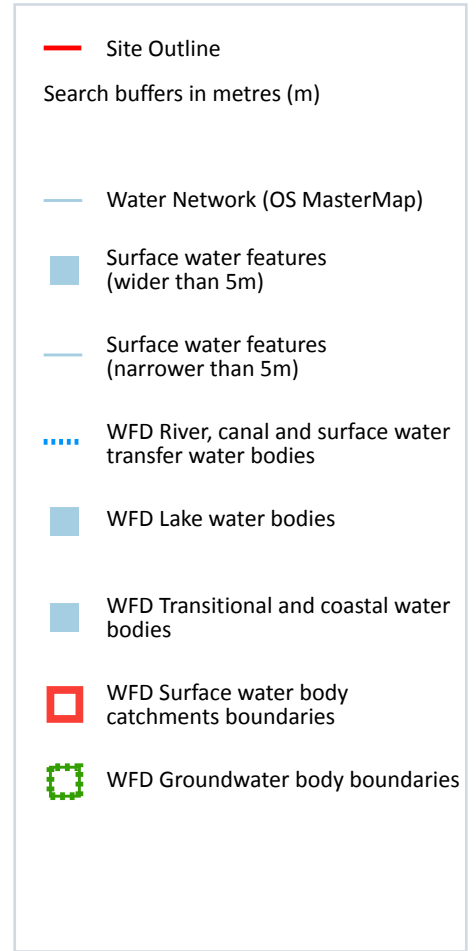
Records within 500m

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



6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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.

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 46 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Dour from Kearsney to Dover	GB107040073310	Dour	Stour

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 46 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	6413m NE	River	Dour from Kearsney to Dover	GB107040073310 ↗	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 46](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	East Kent Chalk - Stour	GB40701G501500 ↗	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

0

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).

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

7.2 Historical Flood Events

Records within 250m

0

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

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

7.6 Flood Zone 2

Records within 50m

0

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.

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

7.7 Flood Zone 3

Records within 50m

0

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.

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

Negligible

Highest risk within 50m

Negligible

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.

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

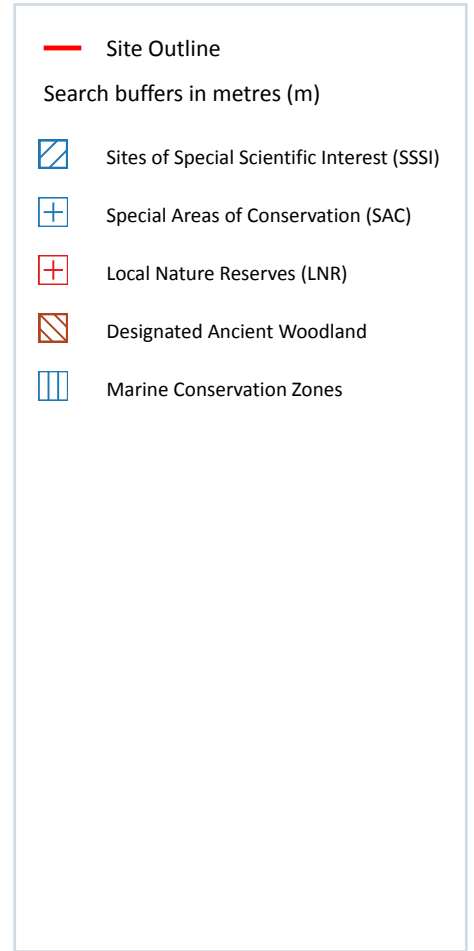
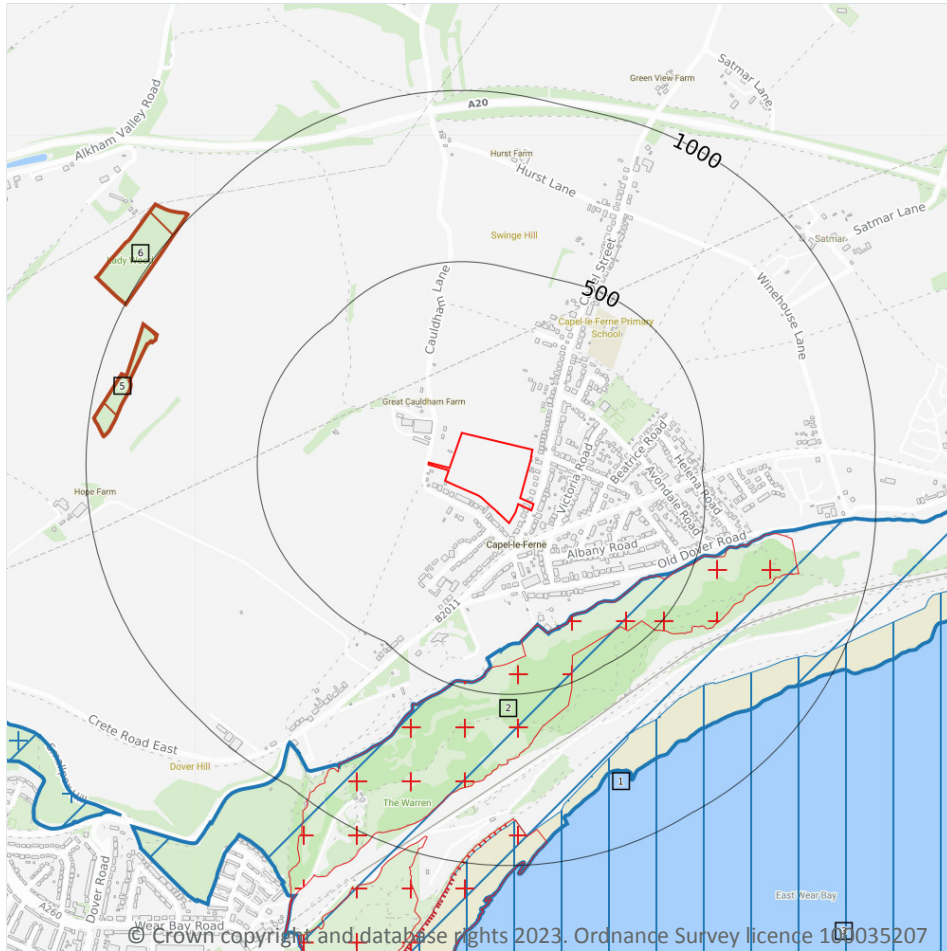
Low

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 53](#) >

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on [page 54 >](#)

ID	Location	Name	Data source
1	309m S	Folkestone Warren	Natural England

ID	Location	Name	Data source
A	1368m SW	Folkestone to Etchinghill Escarpment	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0
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Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	1
-----------------------------	----------

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

Features are displayed on the Environmental designations map on [page 54 >](#)

ID	Location	Name	Features of interest	Habitat description	Data source
A	1368m SW	Folkestone to Etchinghill Escarpment	Dry grasslands and scrublands on chalk or limestone; Great crested newt.	Improved grassland; Dry grassland, Steppes; Broad-leaved deciduous woodland; Heath, Scrub, Maquis and Garrigue, Phygrana	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0
-----------------------------	----------

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m**2**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on [page 54 >](#)

ID	Location	Name	Data source
2	309m S	Folkestone Warren	Natural England
4	864m S	Folkestone Warren	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m**2**

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on [page 54 >](#)

ID	Location	Name	Woodland Type
5	874m W	Unknown	Ancient & Semi-Natural Woodland
6	990m NW	Unknown	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



10.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

1

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

Features are displayed on the Environmental designations map on [page 54 >](#)

ID	Location	Name	Status
3	698m SE	Dover to Folkestone	Designated

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m

0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.



10.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.



10.16 Nitrate Vulnerable Zones

Records within 2000m

0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

