

Land rear of Sefter School House, SEFTER ROAD, PAGHAM, PO21 3EE

Order Details

Date: 10/03/2022
Your ref: 21-1146
Our Ref: GS-8585939
Client: Jocelyn Middleton

Site Details

Location: 489526 099489
Area: 0.29 ha
Authority: [Arun District Council](#)



Summary of findings

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Aerial image

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OS MasterMap site plan

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Contact us with any questions at:

info@groundsure.com

08444 159 000

ARUN DISTRICT COUNCIL P/58/22/DOC

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>14</u>	<u>1.1</u>	<u>Historical industrial land uses</u>	0	0	0	4	-
<u>15</u>	<u>1.2</u>	<u>Historical tanks</u>	0	0	0	1	-
<u>15</u>	<u>1.3</u>	<u>Historical energy features</u>	0	0	0	7	-
16	1.4	Historical petrol stations	0	0	0	0	-
16	1.5	Historical garages	0	0	0	0	-
16	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
<u>17</u>	<u>2.1</u>	<u>Historical industrial land uses</u>	0	0	0	5	-
<u>18</u>	<u>2.2</u>	<u>Historical tanks</u>	0	0	0	1	-
<u>18</u>	<u>2.3</u>	<u>Historical energy features</u>	0	0	0	12	-
19	2.4	Historical petrol stations	0	0	0	0	-
19	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
20	3.1	Active or recent landfill	0	0	0	0	-
20	3.2	Historical landfill (BGS records)	0	0	0	0	-
21	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
<u>21</u>	<u>3.4</u>	<u>Historical landfill (EA/NRW records)</u>	0	1	0	0	-
21	3.5	Historical waste sites	0	0	0	0	-
<u>21</u>	<u>3.6</u>	<u>Licensed waste sites</u>	0	0	0	3	-
<u>22</u>	<u>3.7</u>	<u>Waste exemptions</u>	0	0	0	4	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
24	4.1	Recent industrial land uses	0	0	0	-	-
24	4.2	Current or recent petrol stations	0	0	0	0	-
25	4.3	Electricity cables	0	0	0	0	-
25	4.4	Gas pipelines	0	0	0	0	-
25	4.5	Sites determined as Contaminated Land	0	0	0	0	-

25	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
25	4.7	Regulated explosive sites	0	0	0	0	-
26	4.8	Hazardous substance storage/usage	0	0	0	0	-
26	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
26	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	0	2	-
27	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
27	4.12	Radioactive Substance Authorisations	0	0	0	0	-
27	4.13	Licensed Discharges to controlled waters	0	0	0	0	-
27	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
27	4.15	Pollutant release to public sewer	0	0	0	0	-
28	4.16	List 1 Dangerous Substances	0	0	0	0	-
28	4.17	List 2 Dangerous Substances	0	0	0	0	-
28	4.18	<u>Pollution Incidents (EA/NRW)</u>	1	3	0	0	-
29	4.19	<u>Pollution inventory substances</u>	0	0	0	3	-
30	4.20	Pollution inventory waste transfers	0	0	0	0	-
30	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
31	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
33	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
35	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
36	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
36	5.5	Groundwater vulnerability- local information	None (within 0m)				
37	5.6	<u>Groundwater abstractions</u>	0	0	0	0	2
38	5.7	<u>Surface water abstractions</u>	0	0	0	0	9
40	5.8	Potable abstractions	0	0	0	0	0
41	5.9	Source Protection Zones	0	0	0	0	-
41	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
42	6.1	<u>Water Network (OS MasterMap)</u>	0	7	6	-	-

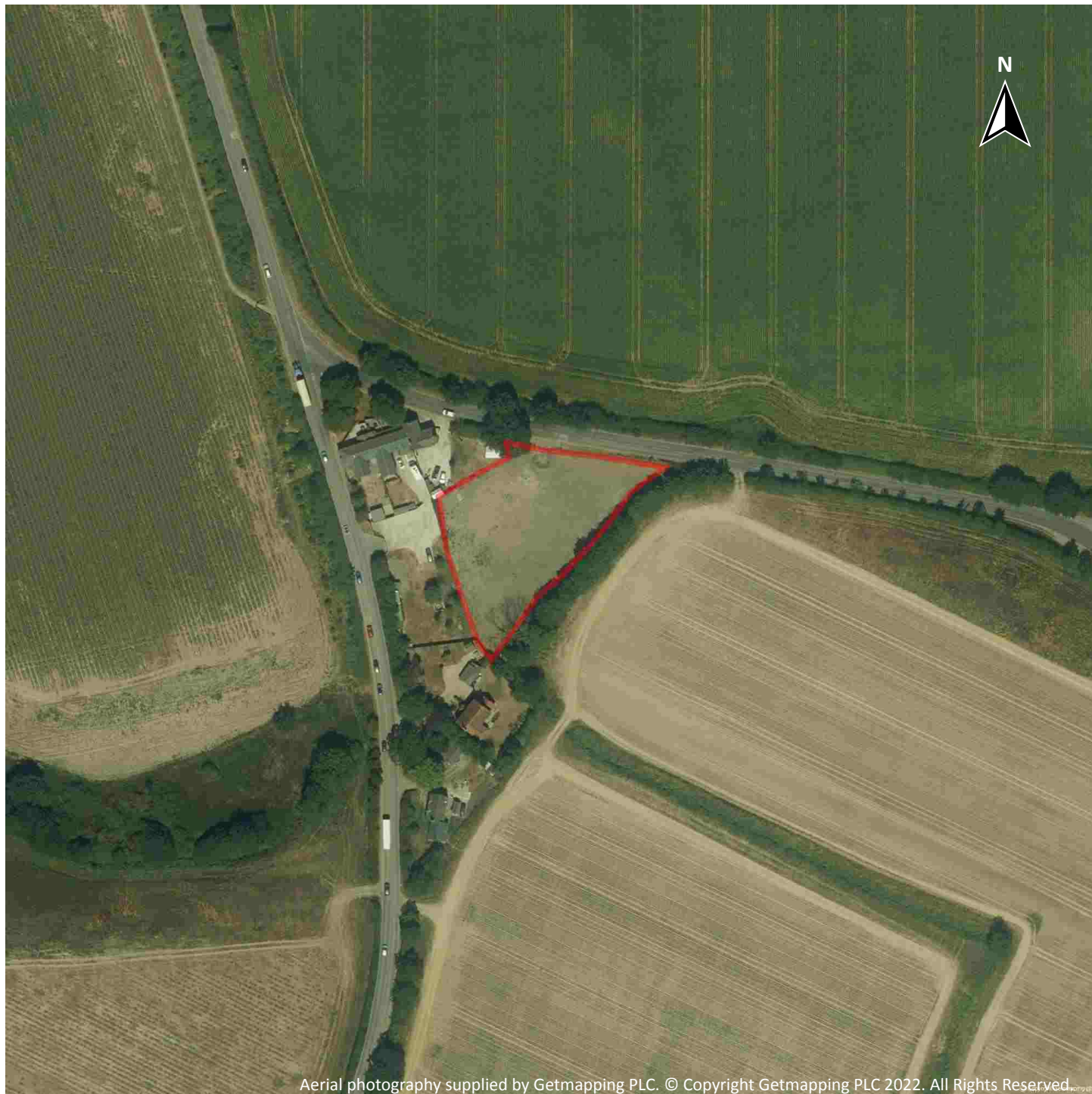
<u>44</u>	<u>6.2</u>	<u>Surface water features</u>	0	5	10	-	-
<u>44</u>	<u>6.3</u>	<u>WFD Surface water body catchments</u>	1	-	-	-	-
<u>44</u>	<u>6.4</u>	<u>WFD Surface water bodies</u>	0	0	0	-	-
45	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
<u>46</u>	<u>7.1</u>	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
47	7.2	Historical Flood Events	0	0	0	-	-
47	7.3	Flood Defences	0	0	0	-	-
47	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
47	7.5	Flood Storage Areas	0	0	0	-	-
<u>48</u>	<u>7.6</u>	<u>Flood Zone 2</u>	Identified (within 50m)				
<u>49</u>	<u>7.7</u>	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
<u>50</u>	<u>8.1</u>	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
<u>52</u>	<u>9.1</u>	<u>Groundwater flooding</u>	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>53</u>	<u>10.1</u>	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	3
<u>54</u>	<u>10.2</u>	<u>Conserved wetland sites (Ramsar sites)</u>	0	0	0	0	1
54	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
<u>55</u>	<u>10.4</u>	<u>Special Protection Areas (SPA)</u>	0	0	0	0	2
55	10.5	National Nature Reserves (NNR)	0	0	0	0	0
<u>55</u>	<u>10.6</u>	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
<u>56</u>	<u>10.7</u>	<u>Designated Ancient Woodland</u>	0	0	0	0	1
56	10.8	Biosphere Reserves	0	0	0	0	0
56	10.9	Forest Parks	0	0	0	0	0
57	10.10	Marine Conservation Zones	0	0	0	0	0
57	10.11	Green Belt	0	0	0	0	0
57	10.12	Proposed Ramsar sites	0	0	0	0	0

57	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
57	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
58	10.15	Nitrate Sensitive Areas	0	0	0	0	0
58	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	1
59	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
60	10.18	<u>SSSI Units</u>	0	0	0	0	5
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
63	11.1	World Heritage Sites	0	0	0	-	-
63	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
63	11.3	National Parks	0	0	0	-	-
63	11.4	Listed Buildings	0	0	0	-	-
64	11.5	Conservation Areas	0	0	0	-	-
64	11.6	Scheduled Ancient Monuments	0	0	0	-	-
64	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
65	12.1	<u>Agricultural Land Classification</u>	Grade 2 (within 250m)				
66	12.2	Open Access Land	0	0	0	-	-
66	12.3	Tree Felling Licences	0	0	0	-	-
67	12.4	<u>Environmental Stewardship Schemes</u>	0	1	1	-	-
67	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
68	13.1	Priority Habitat Inventory	0	0	0	-	-
68	13.2	Habitat Networks	0	0	0	-	-
68	13.3	Open Mosaic Habitat	0	0	0	-	-
68	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
69	14.1	<u>10k Availability</u>	Identified (within 500m)				
70	14.2	<u>Artificial and made ground (10k)</u>	0	0	1	0	-
71	14.3	<u>Superficial geology (10k)</u>	1	1	2	4	-

72	14.4	Landslip (10k)	0	0	0	0	-
73	14.5	<u>Bedrock geology (10k)</u>	1	0	1	5	-
74	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
75	15.1	<u>50k Availability</u>	Identified (within 500m)				
76	15.2	<u>Artificial and made ground (50k)</u>	0	0	1	0	-
77	15.3	Artificial ground permeability (50k)	0	0	-	-	-
78	15.4	<u>Superficial geology (50k)</u>	1	1	2	1	-
79	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
79	15.6	Landslip (50k)	0	0	0	0	-
79	15.7	Landslip permeability (50k)	None (within 50m)				
80	15.8	<u>Bedrock geology (50k)</u>	1	0	1	1	-
81	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
81	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
82	16.1	<u>BGS Boreholes</u>	0	1	0	-	-
Page	Section	Natural ground subsidence					
83	17.1	<u>Shrink swell clays</u>	Low (within 50m)				
84	17.2	<u>Running sands</u>	Low (within 50m)				
86	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
87	17.4	<u>Collapsible deposits</u>	Low (within 50m)				
88	17.5	<u>Landslides</u>	Very low (within 50m)				
89	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
90	18.1	Natural cavities	0	0	0	0	-
91	18.2	<u>BritPits</u>	0	0	0	1	-
91	18.3	Surface ground workings	0	0	0	-	-
91	18.4	Underground workings	0	0	0	0	0
91	18.5	Historical Mineral Planning Areas	0	0	0	0	-

92	18.6	Non-coal mining	0	0	0	0	0
92	18.7	Mining cavities	0	0	0	0	0
92	18.8	JPB mining areas	None (within 0m)				
92	18.9	Coal mining	None (within 0m)				
92	18.10	Brine areas	None (within 0m)				
93	18.11	Gypsum areas	None (within 0m)				
93	18.12	Tin mining	None (within 0m)				
93	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
94	19.1	<u>Radon</u>	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
95	20.1	<u>BGS Estimated Background Soil Chemistry</u>	4	2	-	-	-
95	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
96	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
97	21.1	Underground railways (London)	0	0	0	-	-
97	21.2	Underground railways (Non-London)	0	0	0	-	-
97	21.3	Railway tunnels	0	0	0	-	-
97	21.4	Historical railway and tunnel features	0	0	0	-	-
97	21.5	Royal Mail tunnels	0	0	0	-	-
98	21.6	Historical railways	0	0	0	-	-
98	21.7	Railways	0	0	0	-	-
98	21.8	Crossrail 1	0	0	0	0	-
98	21.9	Crossrail 2	0	0	0	0	-
98	21.10	HS2	0	0	0	0	-

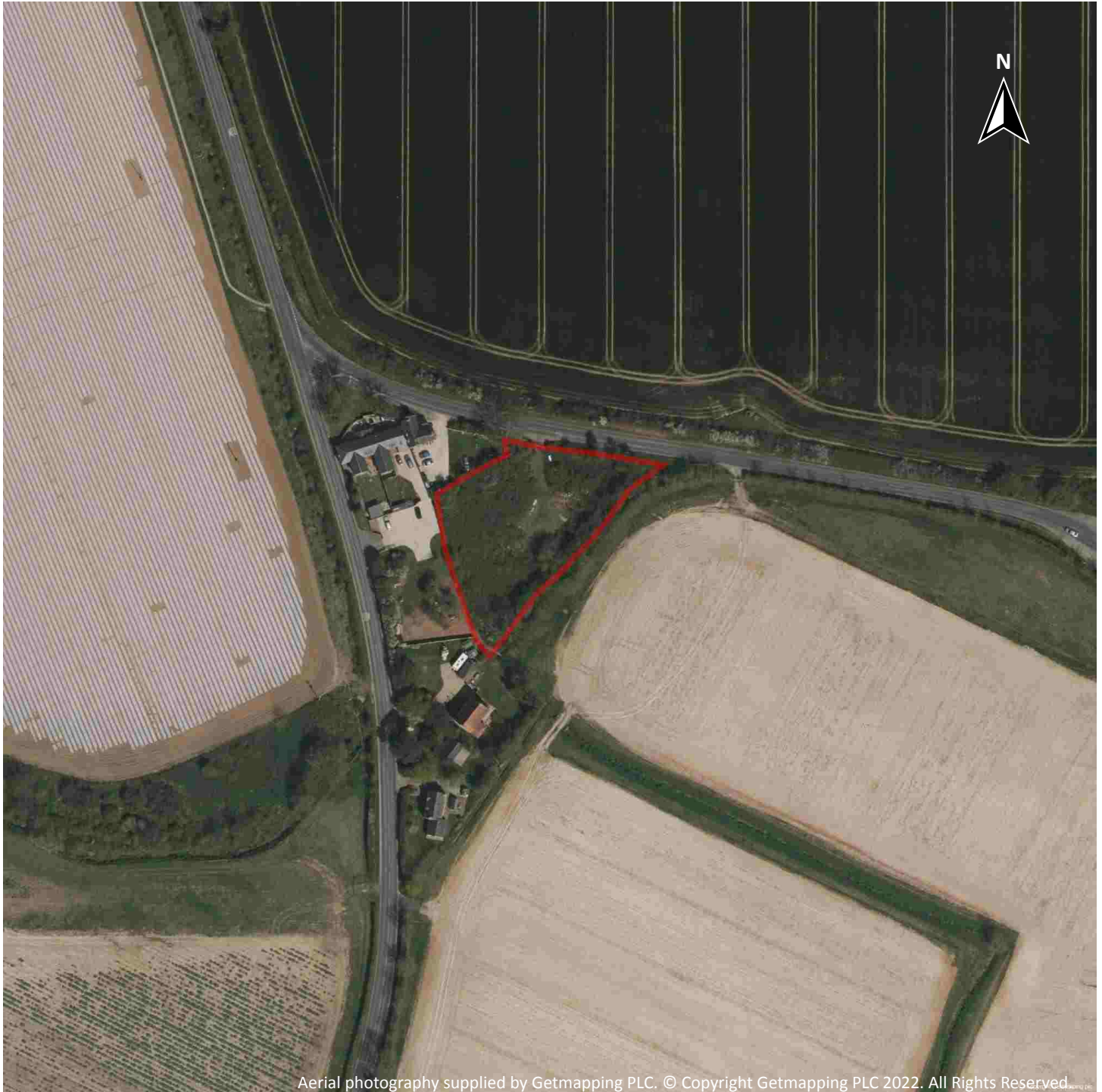
Recent aerial photograph



Capture Date: 23/07/2018

Site Area: 0.29ha

Recent site history - 2015 aerial photograph



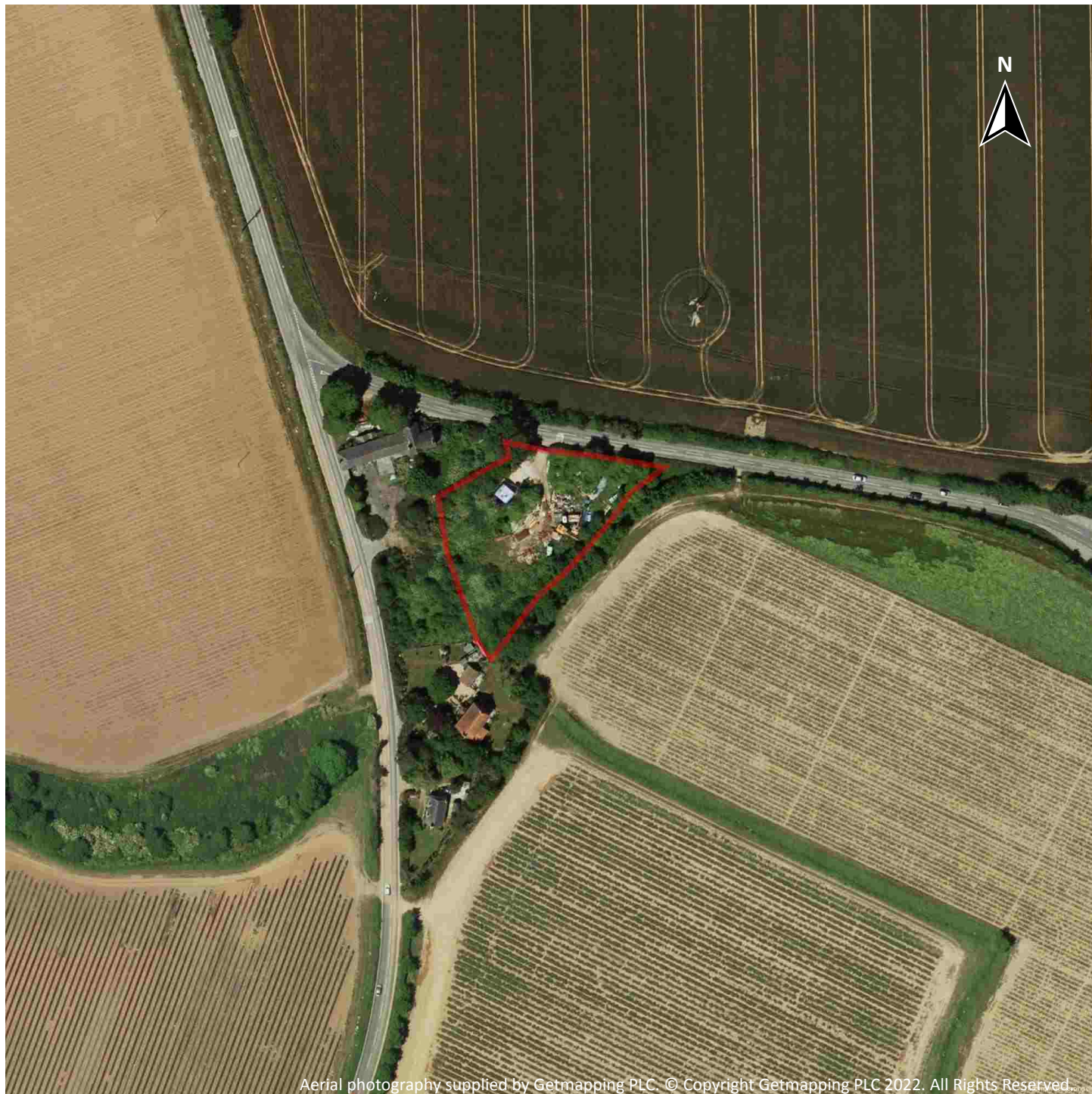
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Capture Date: 20/05/2015

Site Area: 0.29ha



Recent site history - 2012 aerial photograph

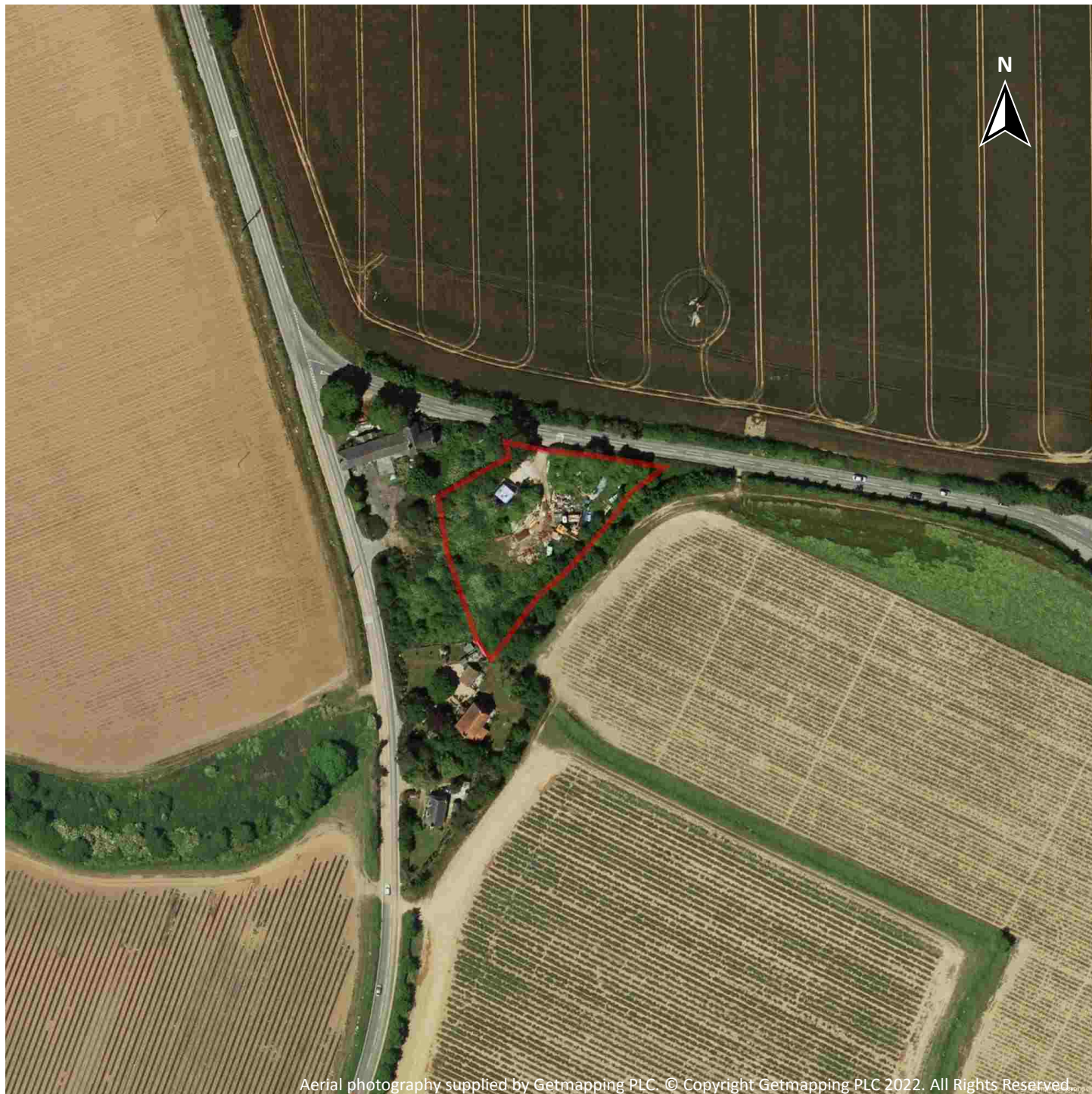


Capture Date: 13/09/2012

Site Area: 0.29ha



Recent site history - 2005 aerial photograph

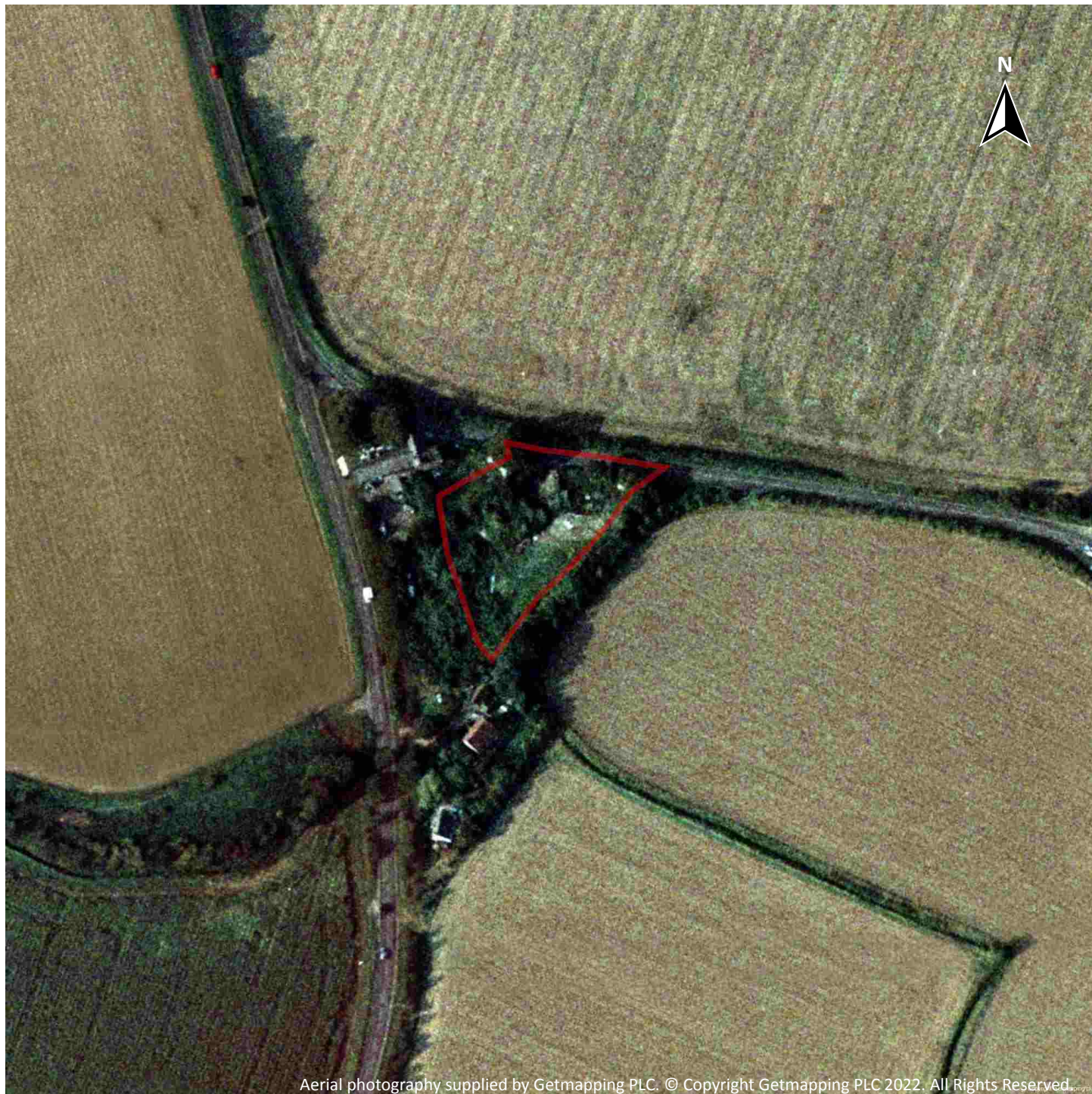


Capture Date: 22/06/2005

Site Area: 0.29ha



Recent site history - 1999 aerial photograph

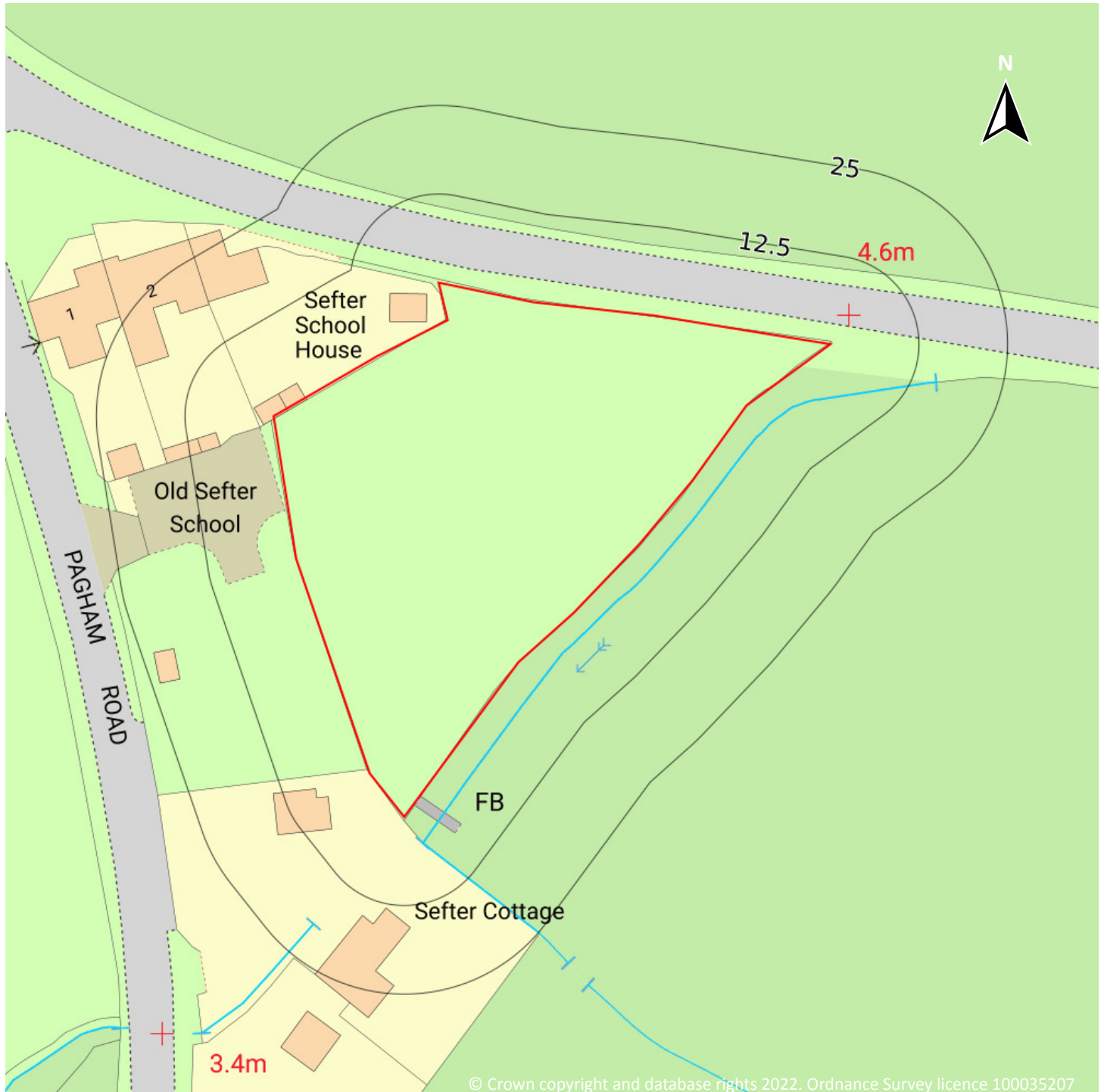


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Capture Date: 06/09/1999

Site Area: 0.29ha

OS MasterMap site plan



Site Area: 0.29ha

1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

4

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
A	328m SE	Brick Field	1938	1980756

ID	Location	Land use	Dates present	Group ID
A	328m SE	Brick Field	1933	1977994
B	381m E	Electric Substation	1989	1974326
3	459m E	Electric Substation	1973	1981794

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

1

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
2	430m NW	Unspecified Tank	1898	328874

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

7

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
1	368m SE	Electricity Substation	1992 - 1994	214793
B	418m E	Electricity Substation	1992	215710
B	420m E	Electricity Substation	1994	212954
B	430m E	Electricity Substation	1992	212942

ID	Location	Land use	Dates present	Group ID
B	432m E	Electricity Substation	1980	215599
B	433m E	Electricity Substation	1979	214052
4	496m SE	Electricity Substation	1992 - 1994	215111

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

0

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'.

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

2.1 Historical industrial land uses

Records within 500m

5

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 17**

ID	Location	Land Use	Date	Group ID
A	328m SE	Brick Field	1938	1980756
A	328m SE	Brick Field	1933	1977994
A	328m SE	Brick Field	1933	1977994

ID	Location	Land Use	Date	Group ID
C	381m E	Electric Substation	1989	1974326
2	459m E	Electric Substation	1973	1981794

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

1

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 17**

ID	Location	Land Use	Date	Group ID
1	430m NW	Unspecified Tank	1898	328874

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

12

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 17**

ID	Location	Land Use	Date	Group ID
B	368m SE	Electricity Substation	1994	214793
B	369m SE	Electricity Substation	1992	214793
B	369m SE	Electricity Substation	1992	214793
C	418m E	Electricity Substation	1992	215710
C	418m E	Electricity Substation	1992	215710
C	420m E	Electricity Substation	1994	212954
C	430m E	Electricity Substation	1992	212942
C	432m E	Electricity Substation	1980	215599

ID	Location	Land Use	Date	Group ID
C	433m E	Electricity Substation	1979	214052
D	496m SE	Electricity Substation	1994	215111
D	496m SE	Electricity Substation	1992	215111
D	496m SE	Electricity Substation	1992	215111

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

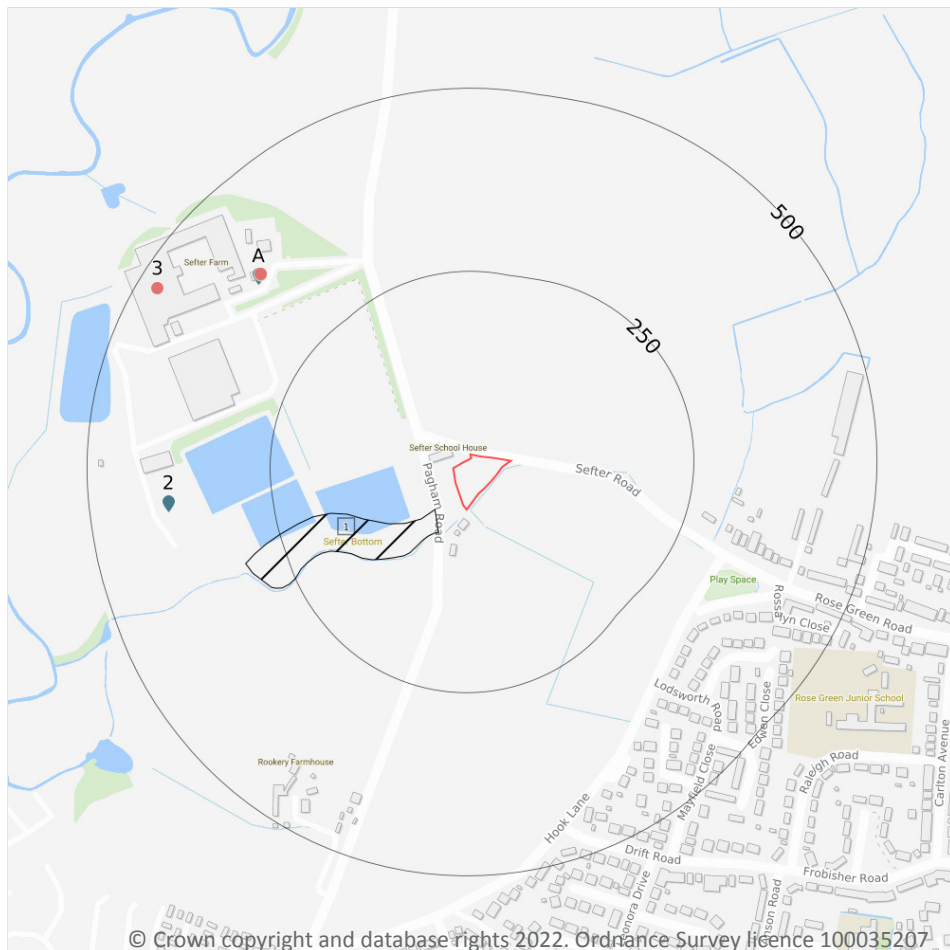
Records within 500m

0

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'.

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Licensed waste sites
- 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

1

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 20**

ID	Location	Details		
1	38m W	Site Address: Sefter Lodge, Pagham, Sussex Licence Holder Address: -	Waste Licence: Yes Site Reference: WD27/168 Waste Type: Inert, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/01/1976 Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1950 Last Recorded: 31/12/1960

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

3

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

Features are displayed on the Waste and landfill map on **page 20**

ID	Location	Details		
A	373m NW	Site Name: Sefter Farm Site Address: Sefter Farm, Pagham Road, Pagham, West Sussex, PO21 3PX Correspondence Address: -	Type of Site: Anaerobic digestion facility 75,000 tpy Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BAR168 EPR reference: EA/EPR/GP3293LW/A001 Operator: Barfoot Energy Ltd Waste Management licence No: 101484 Annual Tonnage: 74999	Issue Date: 04/08/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	373m NW	Site Name: Sefter Farm Site Address: Sefter Farm, Pagham Road, Bognor Regis, West Sussex, PO21 3PX Correspondence Address: -	Type of Site: Biological Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BAR168 EPR reference: EA/EPR/GP3293LW/V004 Operator: Barfoot Energy Ltd Waste Management licence No: 101484 Annual Tonnage: 74999	Issue Date: 04/08/2010 Effective Date: - Modified: 23/12/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC
2	392m W	Site Name: Sefter Farm Site Address: Sefter Farm, Pagham Road, Bognor Regis, West Sussex, PO21 3PX Correspondence Address: -	Type of Site: Biological Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BAR168 EPR reference: EA/EPR/GP3293LW/V004 Operator: Barfoot Energy Ltd Waste Management licence No: 101484 Annual Tonnage: 74999	Issue Date: 04/08/2010 Effective Date: - Modified: 23/12/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC

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

3.7 Waste exemptions

Records within 500m

4

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 20**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	373m NW	SEFTER FARM PAGHAM ROAD BOGNOR REGIS WEST SUSSEX PO21 3PX	EPR/ME5688R S/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
A	374m NW	Barfoot Farm Ltd, Little Sefter Farm, Pagham road, Bognor Regis, PO21 3PX	WEX122465	Treating waste exemption	On a farm	Treatment of waste in a biobed or biofilter
A	374m NW	SEFTER FARM PAGHAM ROAD BOGNOR REGIS WEST SUSSEX PO21 3PX	EPR/BE5548VZ /A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
3	473m NW	SEFTER FARM, PAGHAM ROAD, BOGNOR REGIS, PO21 3PX	WEX167825	Using waste exemption	On a farm	Use of waste in construction

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Part A(1) industrial activities
- Pollution Incidents (EA/NRW)
- Pollution inventory substances

4.1 Recent industrial land uses

Records within 250m

0

Current potentially contaminative industrial sites.

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

2

Records of Part A(1) 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 24**

ID	Location	Details	
B	344m W	Operator: BARFOOT ENERGY LTD Installation Name: SEFTER FARM EPR/GP3293LW Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: QP3404LP Original Permit Number: GP3136WS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2022 Status: DETERMINATION
B	344m W	Operator: BARFOOT ENERGY LTD Installation Name: SEFTER FARM EPR/GP3293LW Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: GP3136WS Original Permit Number: GP3136WS	EPR Reference: - Issue Date: 23/12/2015 Effective Date: 23/12/2015 Last date noted as effective: 01/01/2022 Status: EFFECTIVE

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

4

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 24**

ID	Location	Details	
A	On site	Incident Date: 19/07/2001 Incident Identification: 17571 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	12m W	Incident Date: 18/07/2001 Incident Identification: 17566 Pollutant: Specific Waste Materials Pollutant Description: Metal Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
A	16m W	Incident Date: 18/07/2001 Incident Identification: 17575 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
A	20m W	Incident Date: 19/07/2001 Incident Identification: 17574 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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

4.19 Pollution inventory substances

Records within 500m

3

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.

Features are displayed on the Current industrial land use map on **page 24**

ID: C, Location: 373m NW, Permit: GP3293LW
 Operator: Barfoot Energy Ltd
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT
 Address: Sefter Farm Pagham Road Bognor Regis West Sussex PO21 3PX
 Sector: Biowaste Treatment, Sub-sector: Biowaste Treatment
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold

ID: C, Location: 373m NW, Permit: GP3293LW
 Operator: Barfoot Energy Ltd
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT
 Address: Sefter Farm Pagham Road Bognor Regis West Sussex PO21 3PX
 Sector: Biowaste Treatment, Sub-sector: Biowaste Treatment
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Methane	10000kg	52779kg

ID: C, Location: 373m NW, Permit: GP3293LW
 Operator: Barfoot Energy Ltd
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT
 Address: Sefter Farm Pagham Road Bognor Regis West Sussex PO21 3PX
 Sector: Biowaste Treatment, Sub-sector: Biowaste Treatment
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	8217000kg
Air	Carbon Dioxide From Qualifying Renewable Fuel Sources	0kg	8217000kg

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

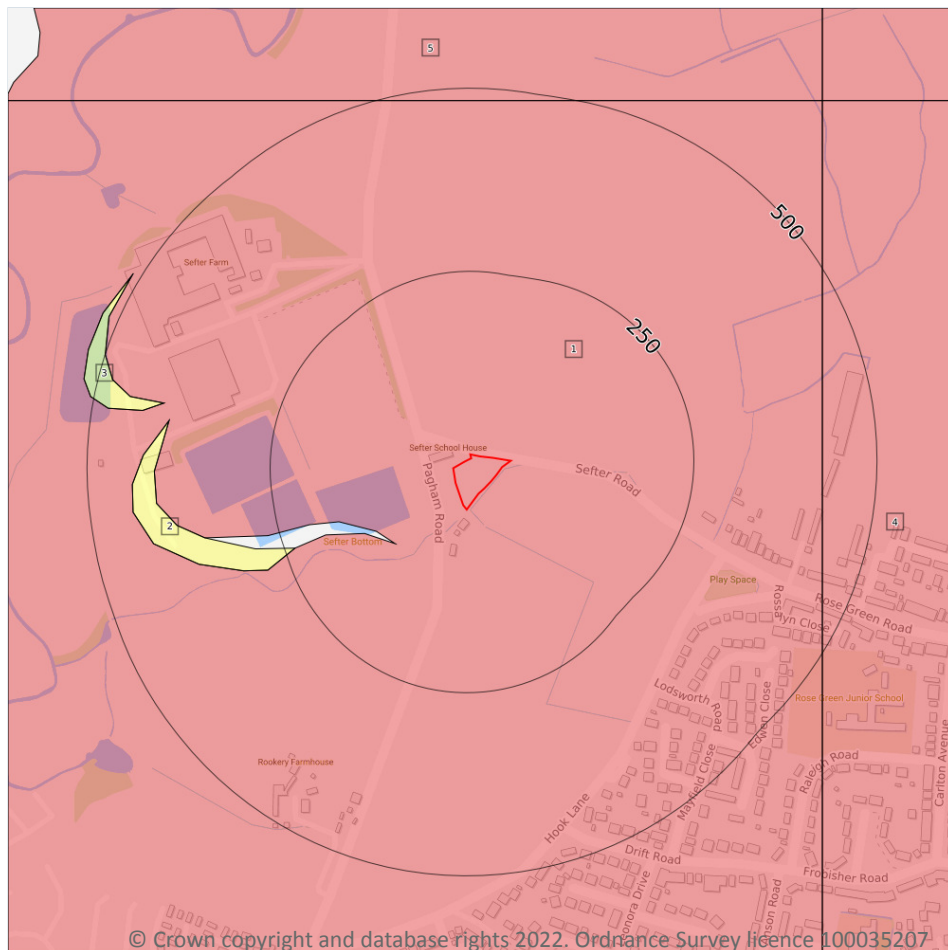
Records within 500m

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



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

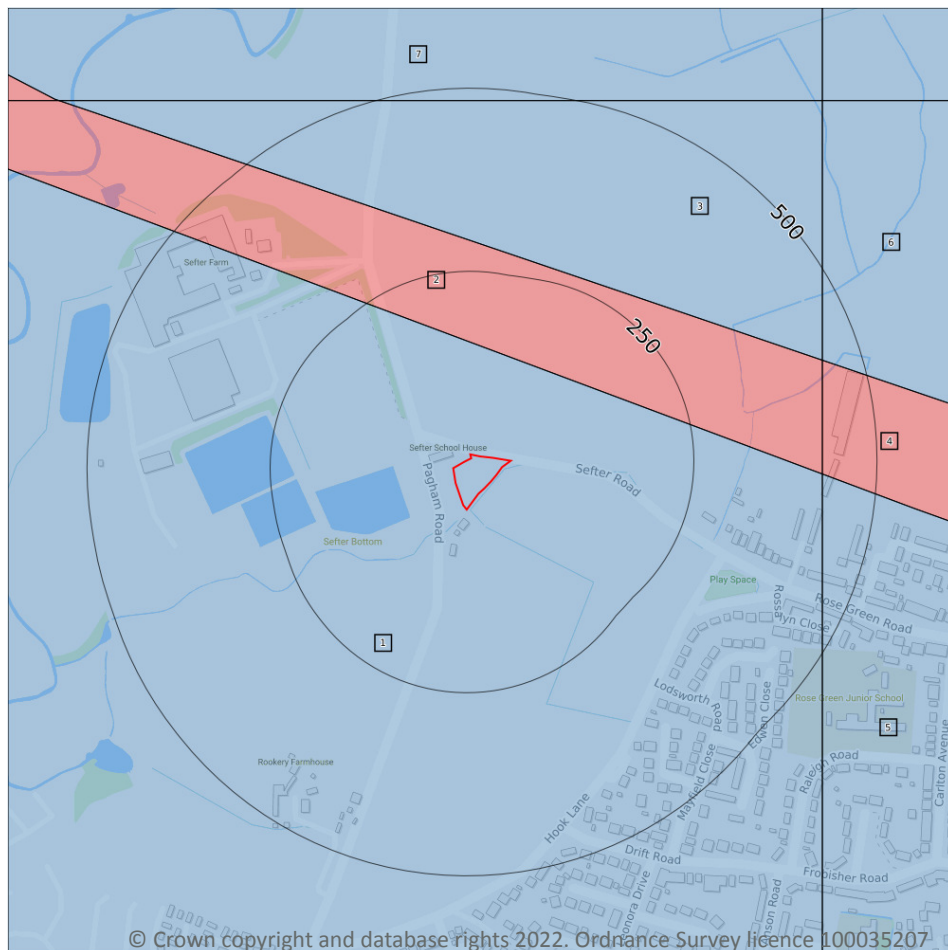
Features are displayed on the Hydrogeology map on **page 31**

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	236m 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

ID	Location	Designation	Description
3	405m 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
4	425m E	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
5	483m 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



- Site Outline**
- Search buffers in metres (m)**
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive

5.2 Bedrock aquifer

Records within 500m

7

Aquifer status of groundwater held within bedrock geology.

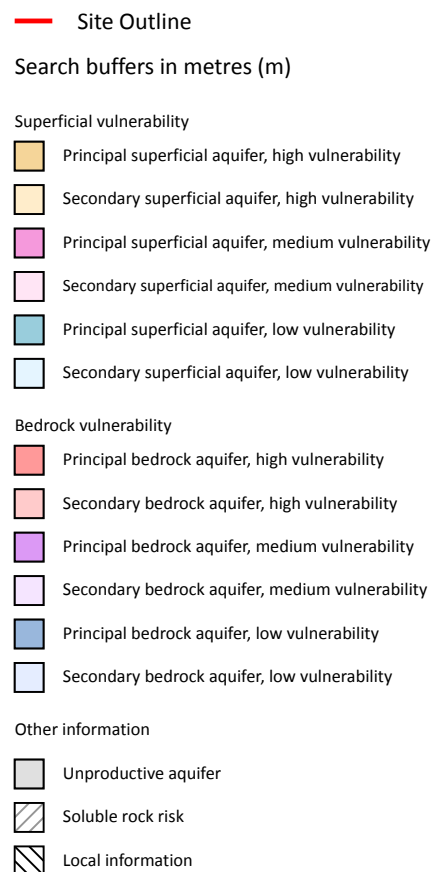
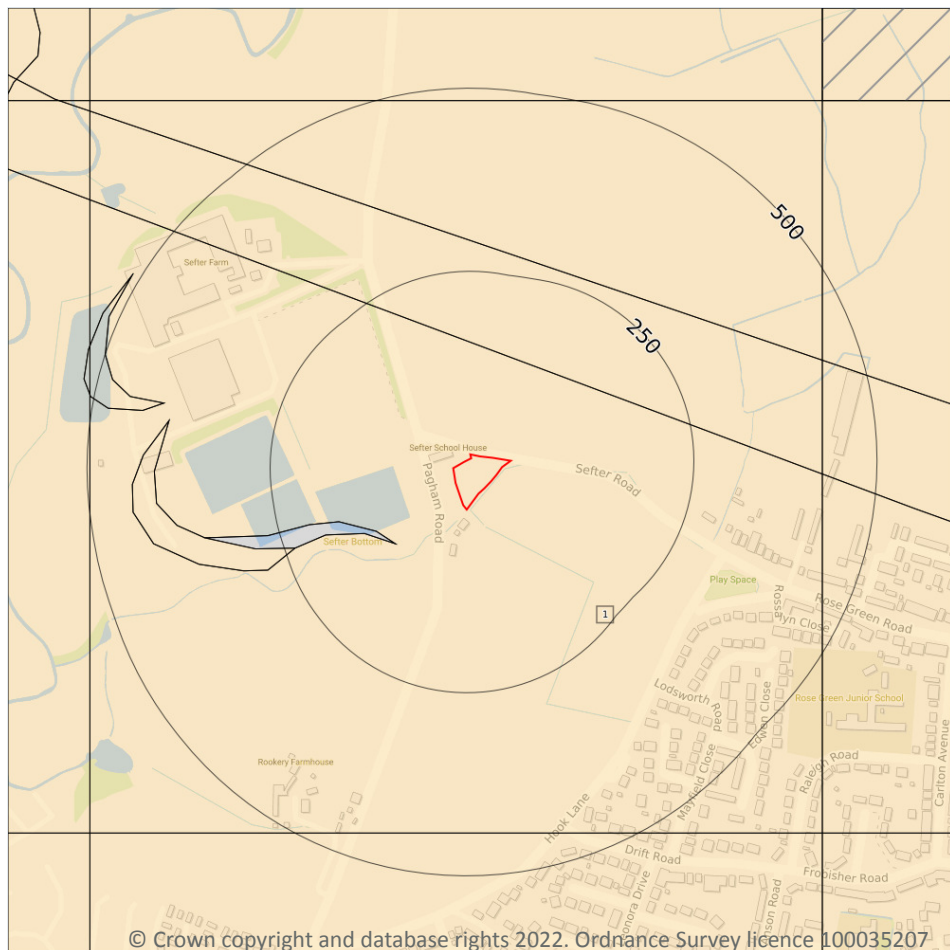
Features are displayed on the Bedrock aquifer map on **page 33**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	132m 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

ID	Location	Designation	Description
3	267m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	425m E	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
5	426m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	447m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
7	483m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

1

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 35**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300- 550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

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

0

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

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



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

2

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 37**

ID	Location	Details	
-	1007m W	Status: Historical Licence No: 10/41/531308 Details: General Farming & Domestic Direct Source: Southern Region Groundwater Point: BOWLEY FARM, SOUTH MUNDAM Data Type: Point Name: Clarke Easting: 488560 Northing: 99870	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 15/11/1983 Version End Date: -
-	1902m NW	Status: Historical Licence No: 10/41/531309 Details: General Farming & Domestic Direct Source: Southern Region Groundwater Point: MANOR FARM, SOUTH MUNDAM Data Type: Point Name: Ranger Easting: 487790 Northing: 100340	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 26/07/2000 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

9

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 37**

ID	Location	Details	
A	615m NW	Status: Historical Licence No: 27/205 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: PAGHAM RIFE Data Type: Point Name: Tim Clarke Easting: 488930 Northing: 99740	Annual Volume (m ³): 45460 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 01/11/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 16/06/2009 Version End Date: -

ID	Location	Details	
A	615m NW	Status: Active Licence No: 27/184 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: PAGHAM RIFE AT SEFTER FARM, PAGHAM Data Type: Point Name: Barfoot Farms Ltd Easting: 488930 Northing: 99740	Annual Volume (m ³): 113,636 Max Daily Volume (m ³): 753 Original Application No: NPS/WR/007856 Original Start Date: 05/10/1995 Expiry Date: - Issue No: 102 Version Start Date: 01/04/2021 Version End Date: -
A	615m NW	Status: Active Licence No: 27/205/R01 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: PAGHAM RIFE Data Type: Point Name: Tim Clarke Easting: 488930 Northing: 99740	Annual Volume (m ³): 45,460 Max Daily Volume (m ³): 600 Original Application No: NPS/WR/019256 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	731m NW	Status: Historical Licence No: 27/205 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: PAGHAM RIFE Data Type: Point Name: Tim Clarke Easting: 488860 Northing: 99860	Annual Volume (m ³): 45460 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 01/11/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 16/06/2009 Version End Date: -
-	813m SW	Status: Active Licence No: 10/41/531304 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: PAGHAM RIFE AT CHURCH FARM, PAGHAM Data Type: Line Name: Ashmarden Limited Easting: 487710 Northing: 98250	Annual Volume (m ³): 4,546 Max Daily Volume (m ³): 81.80 Original Application No: NPS/WR/030680 Original Start Date: 11/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 13/12/2018 Version End Date: -
-	1110m NW	Status: Active Licence No: 10/41/531327 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS C-D, PAGHAM RIFE, NORTH MUNDHAM Data Type: Line Name: Langmead Farms Ltd Easting: 488430 Northing: 101940	Annual Volume (m ³): 13,638 Max Daily Volume (m ³): 1,045.50 Original Application No: NPS/WR/019806 Original Start Date: 01/04/1981 Expiry Date: - Issue No: 101 Version Start Date: 22/06/2015 Version End Date: -

ID	Location	Details	
-	1478m W	Status: Active Licence No: SO/041/0027/005 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: POINT 'A' CHURCH BARTON FARM Data Type: Point Name: Ashmarden Limited Easting: 488097 Northing: 99008	Annual Volume (m ³): 125,455 Max Daily Volume (m ³): 1,000 Original Application No: NPS/WR/030682 Original Start Date: 20/05/2011 Expiry Date: 31/03/2028 Issue No: 2 Version Start Date: 13/12/2018 Version End Date: -
-	1993m NW	Status: Historical Licence No: 27/197 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: POINT A AT LIMEKILN BARN ON THE PAGHAM RIFE Data Type: Point Name: Fleming Easting: 488390 Northing: 101160	Annual Volume (m ³): 45432 Max Daily Volume (m ³): 500 Original Application No: - Original Start Date: 14/04/2000 Expiry Date: 13/4/2015 Issue No: 1 Version Start Date: 16/06/2009 Version End Date: -
-	1993m NW	Status: Active Licence No: 27/197/R01 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: POINT A AT LIMEKILN BARN ON THE PAGHAM RIFE Data Type: Point Name: Langmead Easting: 488390 Northing: 101160	Annual Volume (m ³): 45,432 Max Daily Volume (m ³): 500 Original Application No: NPS/WR/017805 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

0

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.

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