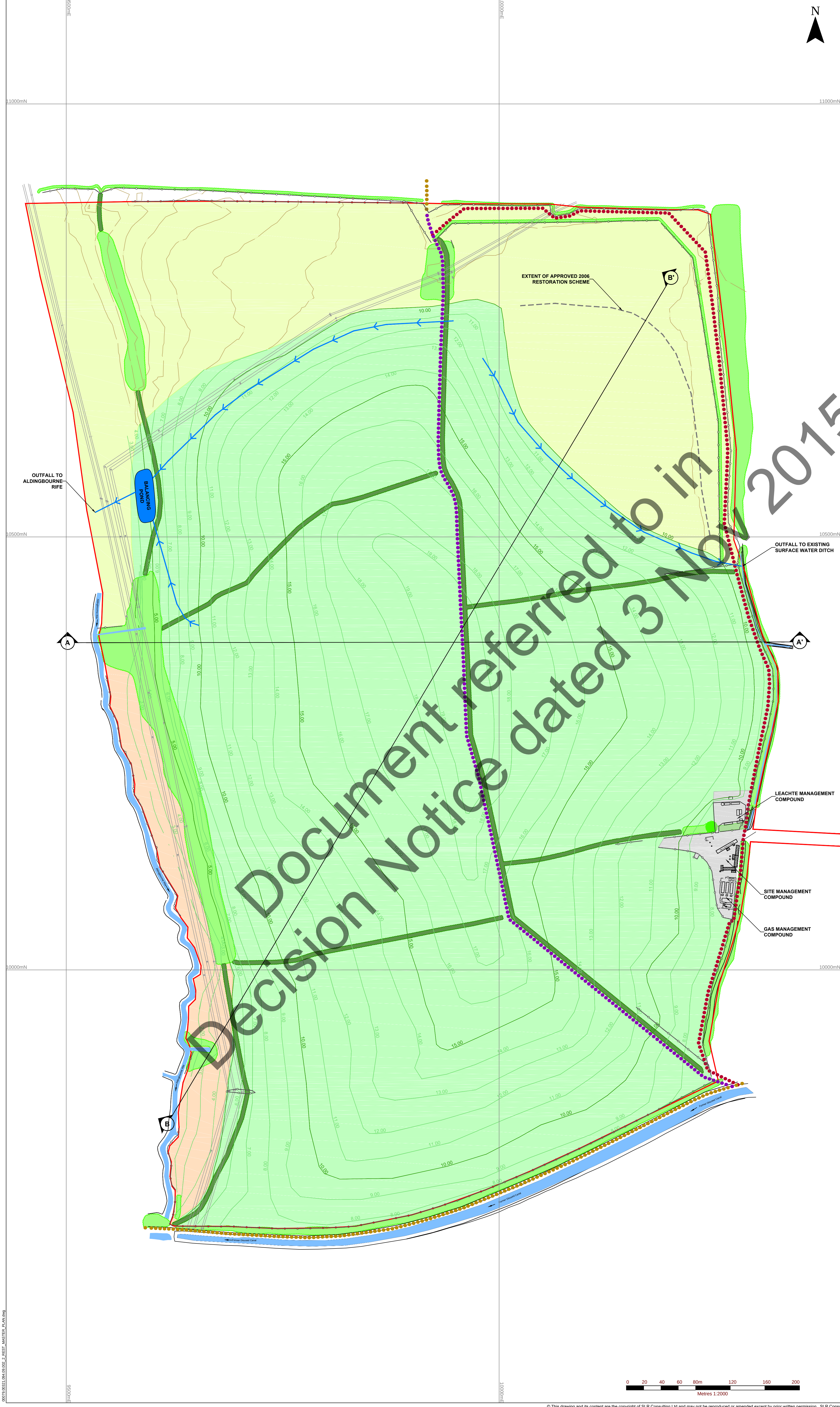




NOTES

1. UPDATE SURVEY CARRIED OUT BY SLR CONSULTING ON THE 19th AND 20th MAY 2015.
2. ALL DESIGNS BASED UPON INFORMATION SUPPLIED AND INSTRUCTIONS PROVIDED BY PATRICK JOHNSTON ASSOCIATES.

LEGEND

THE PLANNING PERMISSION BOUNDARY (THE SITE).

EXISTING SURVEY LEVEL CONTOURS (mAOD).

PROPOSED RESTORATION LEVEL CONTOURS (mAOD).

EXISTING WATER BODY

PROPOSED WATER BODY

PROPOSED SURFACE WATER DITCH

EXISTING NATURE CONSERVATION AREA

EXISTING AGRICULTURAL LAND TO REMAIN UNDISTURBED

EXISTING HEDGEROWS & VEGETATION

RESTORED AGRICULTURAL GRASSLAND

PROPOSED HEDGEROWS & VEGETATION

EXISTING FENCELINE

PERMISSIVE PUBLIC FOOTPATH

EXISTING PUBLIC FOOTPATHS OUTSIDE SITE AREA

REINSTATED PUBLIC RIGHT OF WAY (POST FIVE YEAR AFTER CARE SUBJECT TO H&S)

CROSS SECTION LOCATIONS (FOR SECTION DRAWINGS, REFER TO DRAWING 007)

2	KW	VSQ	10/15	REVISED FOOTPATH
1	KW	VSQ	10/15	REVISED LAYOUT
0	RLM	VSQ	05/15	MASTER PLAN

Revision	By	Chk'd By	Date	Comments

SLR

global environmental solutions

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Site
LIDSEY LANDFILL SITE
BOGNOR REGIS

Project
RESTORATION

Drawing Title
RESTORATION MASTER PLAN

Scale
1:2000 @ A1

Date
MAY 2015

Drawing Number
002

Revision
2

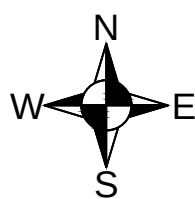
0 20 40 60 80m 120 160 200

Metres 1:2000

ARUN DISTRICT COUNCIL AL8924/OUT

000718.03.021.084.00.002_2_REST_MASTER_PLAN.dwg

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NOTES
1. UPDATE SURVEY CARRIED OUT BY SLR CONSULTING ON THE 19th AND 20th MAY 2015.

LEGEND
AREAS OF EXISTING PLANTING



0	RLM	VSQ	05/15	UPDATE SURVEY
Revision	By	Chk'd By	Date	Comments





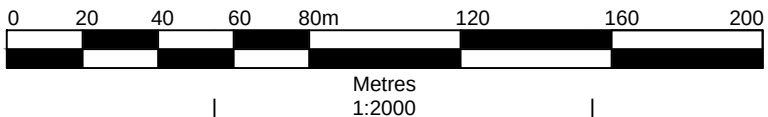
ASPECT HOUSE
ASPECT BUSINESS PARK
BENNERLEY ROAD
NOTTINGHAM, NG6 8WR
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F: 01159 751576
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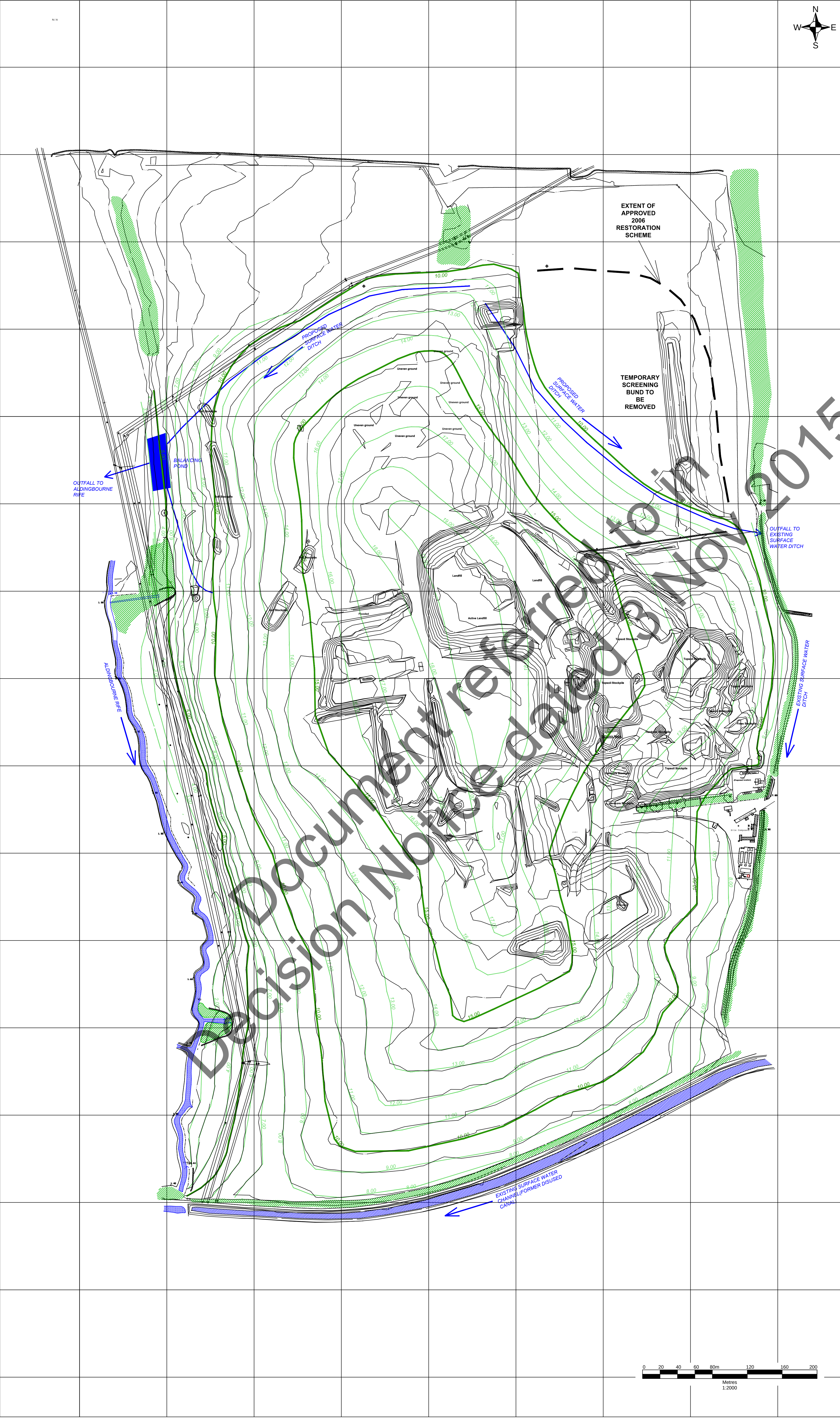
Site
LIDSEY LANDFILL SITE
BOGNOR REGIS

Project
RESTORATION

Drawing Title
**UPDATE SURVEY
MAY 2015**

Scale 1:2000 @ A1	Date MAY 2015
Drawing Number 003	Revision 0





NOTES

1. UPDATE SURVEY CARRIED OUT BY SLR CONSULTING ON THE 19th AND 20th MAY 2015.

2. ALL DESIGNS BASED UPON INFORMATION SUPPLIED AND INSTRUCTIONS PROVIDED BY PATRICK JOHNSTON ASSOCIATES.

LEGEND	
	TOPOGRAPHIC SURVEY LEVEL CONTOURS (MAOD)
	PROPOSED RESTORATION LEVEL CONTOURS (MAOD)
	AREAS OF EXISTING PLANTING

Revision	By	Chk'd By	Date	Comments
0	RLM	VSQ	05/15	RESTORATION LEVELS AND TOPOGRAPHICAL SURVEY



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Site
LIDSEY LANDFILL SITE
BOGNOR REGIS

Project
RESTORATION

Drawing Title
**RESTORATION CONTOURS
AS OF THE 1st DECEMBER 2017
& EXISTING SURVEY**

Scale
1:2000 @ A1

Drawing Number
004

Date
MAY 2015

Revision
0

APPENDIX E

Classification of Probability, Consequence and Risk

Probability of risk being realised	
Classification	Definition
High	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution.
Moderate	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the shorter term.
Very Low	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

Consequence of risk being realised		
Classification	Category	Definition
Severe	Human Health	Short term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA.
	Controlled Waters	Short term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource.
	Property	Catastrophic damage to buildings/property.
	Ecological Systems	A short term risk to a particular ecosystem or organisation forming part of such ecosystem.
Moderate	Human Health	Chronic damage to Human Health.
	Controlled Waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution).
	Ecological System	A significant change in a particular ecosystem or organism forming part of such ecosystem.
Minor	Controlled Waters	Pollution of non-sensitive water resources.
	Property	Significant damage to crops, buildings, structures and services.
	Ecological Systems	Damage to sensitive buildings/structures/services or the environment.
Very Minor	Human Health	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc).
	Property	Easily repairable effects of damage to buildings, structures and services.
	Project	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve.

Risk classification definitions	
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the long term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low	It is possible that harm could arise to a designated receptor from an identified hazard, but there is a low likelihood of this hazard occurring and if realised, harm would at worst normally be mild.
Very Low	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

APPENDIX F

Preliminary Conceptual Model

Land At Woodgate Nurseries, Lidsey Road, Woodgate, West Sussex				Preliminary Conceptual Model		P16445	
Potential Source	Potential Receptor	Potential Contaminants	Potential Pathway	Complete Linkage Present?	Probability	Consequence	Risk
• Made ground soils associated with the former Nursery and demolished buildings	End Users	Asbestos, Heavy Metals and PAH Compounds	Dermal contact with soil and dust (indoor & outdoor)	Yes	P3: Moderate	C3: Moderate	Moderate
			Ingestion of soil and indoor dust	Yes	P3: Moderate	C3: Moderate	Moderate
			Consumption of home-grown produce and attached soil	Yes	P3: Moderate	C3: Moderate	Moderate
			Inhalation of soil dust (indoor and outdoor)	Yes	P3: Moderate	C3: Moderate	Moderate
			Inhalation of soil vapours	Identified contaminants do not pose a risk via this pathway			N/A
			Inhalation of soil gases/ Risk of explosion	Identified contaminants do not pose a risk via this pathway			N/A
	End Users (via Water Supply Pipework)		Contamination of incoming services	Identified contaminants do not pose a risk via this pathway			N/A
	Groundwater	Heavy Metals and PAH Compounds	Migration to groundwater	Yes	P1: Very Low	C1: Very Minor	Negligible
• Petroleum hydrocarbon contamination arising from various above ground tanks and heating systems within the former Nursery	End Users	Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Yes	P2: Low	C3: Moderate	Low/Moderate
			Ingestion of soil and indoor dust	Yes	P2: Low	C3: Moderate	Low/Moderate
			Consumption of home-grown produce and attached soil	Yes	P2: Low	C3: Moderate	Low/Moderate
			Inhalation of soil dust (indoor and outdoor)	Yes	P2: Low	C3: Moderate	Low/Moderate
			Inhalation of soil vapours	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil gases/ Risk of explosion	Identified contaminant does not pose a risk via this pathway			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons	Contamination of incoming services	Yes	P2: Low	C3: Moderate	Low/Moderate
	Groundwater	Petroleum Hydrocarbons	Migration to groundwater	Yes	P1: Very Low	C1: Very Minor	Negligible

Land At Woodgate Nurseries, Lidsey Road, Woodgate, West Sussex				Preliminary Conceptual Model		P16445	
Potential Source	Potential Receptor	Potential Contaminants	Potential Pathway	Complete Linkage Present?	Probability	Consequence	Risk
• Landfill site to the west.	End Users	Ground Gases, Heavy Metals, PAH Compounds, Petroleum Hydrocarbons and VOC Compounds	Dermal contact with soil and dust (indoor & outdoor)	Yes	P1: Very Low	C3: Moderate	Low
			Ingestion of soil and indoor dust	Yes	P1: Very Low	C3: Moderate	Low
			Consumption of home-grown produce and attached soil	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil dust (indoor and outdoor)	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil vapours	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil gases/ Risk of explosion	Yes	P3: Moderate	C3: Moderate	Moderate
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons and VOC Compounds	Contamination of incoming services	Yes	P1: Very Low	C3: Moderate	Low
	Groundwater	Heavy Metals, PAH Compounds, Petroleum Hydrocarbons and VOC Compounds	Migration to groundwater	Yes	P1: Very Low	C1: Very Minor	Negligible

APPENDIX G

Groundsure Enviro+Geo Insight Report
Historical Maps

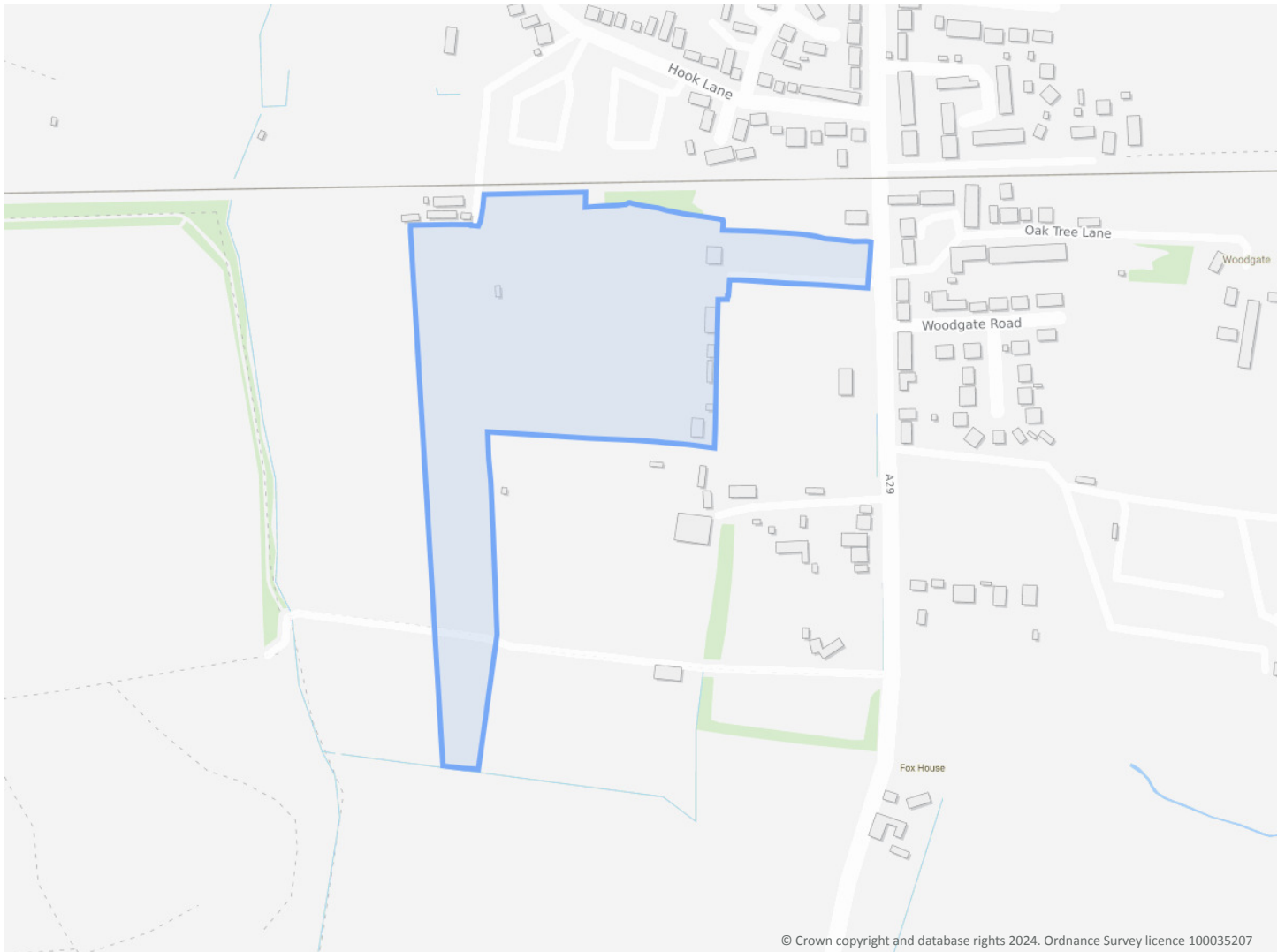
Land At Woodgate Nurseries, Lidsey Road, Woodgate

Order Details

Date: 06/06/2024
Your ref: P16445
Our Ref: GS-1QB-24A-726-MF7

Site Details

Location: 493506 104145
Area: 8.08 ha
Authority: [Arun District Council](#) ↗



[Summary of findings](#)

[p. 2 >](#) [Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

[p.14 >](#) [Insight User Guide](#) ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

ARUN DISTRICT COUNCIL AL/89/24/OUT

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 >	4	1	10	14	-
17 >	1.2 >	Historical tanks >	0	0	8	4	-
17 >	1.3 >	Historical energy features >	0	0	14	5	-
18	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	0	0	-
19	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
20 >	2.1 >	Historical industrial land uses >	4	1	11	17	-
22 >	2.2 >	Historical tanks >	0	0	9	6	-
23 >	2.3 >	Historical energy features >	0	0	25	8	-
24	2.4	Historical petrol stations	0	0	0	0	-
24	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
25 >	3.1 >	Active or recent landfill >	0	0	2	0	-
26	3.2	Historical landfill (BGS records)	0	0	0	0	-
26	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
26 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	1	-
27	3.5	Historical waste sites	0	0	0	0	-
27 >	3.6 >	Licensed waste sites >	0	0	0	3	-
28 >	3.7 >	Waste exemptions >	0	0	4	19	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
31 >	4.1 >	Recent industrial land uses >	0	0	17	-	-
32	4.2	Current or recent petrol stations	0	0	0	0	-
32	4.3	Electricity cables	0	0	0	0	-
33	4.4	Gas pipelines	0	0	0	0	-
33	4.5	Sites determined as Contaminated Land	0	0	0	0	-

33	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
33	4.7	Regulated explosive sites	0	0	0	0	-
33	4.8	Hazardous substance storage/usage	0	0	0	0	-
34	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
34 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	0	2	-
34	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
35	4.12	Radioactive Substance Authorisations	0	0	0	0	-
35 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	4	-
36	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
36	4.15	Pollutant release to public sewer	0	0	0	0	-
36	4.16	List 1 Dangerous Substances	0	0	0	0	-
36	4.17	List 2 Dangerous Substances	0	0	0	0	-
36 >	4.18 >	Pollution Incidents (EA/NRW) >	0	1	3	3	-
37	4.19	Pollution inventory substances	0	0	0	0	-
38	4.20	Pollution inventory waste transfers	0	0	0	0	-
38	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
39 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
41 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
42 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
43 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
43	5.5	Groundwater vulnerability- local information	None (within 0m)				
44 >	5.6 >	Groundwater abstractions >	0	0	0	0	6
46 >	5.7 >	Surface water abstractions >	0	0	0	0	41
55 >	5.8 >	Potable abstractions >	0	0	0	0	2
56	5.9	Source Protection Zones	0	0	0	0	-
56	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
57 >	6.1 >	Water Network (OS MasterMap) >	1	9	19	-	-

60 >	6.2 >	Surface water features >	0	1	11	-	-
60 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
61 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
61	6.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
62	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
62	7.2	Historical Flood Events	0	0	0	-	-
62	7.3	Flood Defences	0	0	0	-	-
63	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
63	7.5	Flood Storage Areas	0	0	0	-	-
64	7.6	Flood Zone 2	None (within 50m)				
64	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
65 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
67 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
68	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
69	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
69	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
69	10.4	Special Protection Areas (SPA)	0	0	0	0	0
69	10.5	National Nature Reserves (NNR)	0	0	0	0	0
70	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
70 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
70	10.8	Biosphere Reserves	0	0	0	0	0
70	10.9	Forest Parks	0	0	0	0	0
71	10.10	Marine Conservation Zones	0	0	0	0	0
71	10.11	Green Belt	0	0	0	0	0
71	10.12	Proposed Ramsar sites	0	0	0	0	0



71	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
71	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
72	10.15	Nitrate Sensitive Areas	0	0	0	0	0
72 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	1	9
73 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
74	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
75	11.1	World Heritage Sites	0	0	0	-	-
75	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
75	11.3	National Parks	0	0	0	-	-
75	11.4	Listed Buildings	0	0	0	-	-
76	11.5	Conservation Areas	0	0	0	-	-
76	11.6	Scheduled Ancient Monuments	0	0	0	-	-
76	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
77 >	12.1 >	Agricultural Land Classification >	Not Surveyed (within 250m)				
78	12.2	Open Access Land	0	0	0	-	-
78	12.3	Tree Felling Licences	0	0	0	-	-
79	12.4	Environmental Stewardship Schemes	0	0	0	-	-
79	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
80	13.1	Priority Habitat Inventory	0	0	0	-	-
80	13.2	Habitat Networks	0	0	0	-	-
80	13.3	Open Mosaic Habitat	0	0	0	-	-
80	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
81 >	14.1 >	10k Availability >	Identified (within 500m)				
82 >	14.2 >	Artificial and made ground (10k) >	0	1	0	5	-
84 >	14.3 >	Superficial geology (10k) >	1	1	0	6	-

85	14.4	Landslip (10k)	0	0	0	0	-
86 >	14.5 >	Bedrock geology (10k) >	1	0	0	1	-
87 >	14.6 >	Bedrock faults and other linear features (10k) >	1	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
88 >	15.1 >	50k Availability >	Identified (within 500m)				
89	15.2	Artificial and made ground (50k)	0	0	0	0	-
89	15.3	Artificial ground permeability (50k)	0	0	-	-	-
90 >	15.4 >	Superficial geology (50k) >	1	0	0	7	-
91 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
91	15.6	Landslip (50k)	0	0	0	0	-
91	15.7	Landslip permeability (50k)	None (within 50m)				
92 >	15.8 >	Bedrock geology (50k) >	1	0	0	2	-
93 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
93 >	15.10 >	Bedrock faults and other linear features (50k) >	1	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
94 >	16.1 >	BGS Boreholes >	0	0	1	-	-
Page	Section	Natural ground subsidence >					
95 >	17.1 >	Shrink swell clays >	Low (within 50m)				
96 >	17.2 >	Running sands >	Low (within 50m)				
97 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
98 >	17.4 >	Collapsible deposits >	Low (within 50m)				
99 >	17.5 >	Landslides >	Very low (within 50m)				
100 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
102 >	18.1 >	BritPits >	0	0	0	1	-
103 >	18.2 >	Surface ground workings >	0	0	9	-	-
103	18.3	Underground workings	0	0	0	0	0
104	18.4	Underground mining extents	0	0	0	0	-
104	18.5	Historical Mineral Planning Areas	0	0	0	0	-

104	18.6	Non-coal mining	0	0	0	0	0
104	18.7	JPB mining areas	None (within 0m)				
104	18.8	The Coal Authority non-coal mining	0	0	0	0	-
105 >	18.9 >	Researched mining >	0	0	0	1	-
105	18.10	Mining record office plans	0	0	0	0	-
105	18.11	BGS mine plans	0	0	0	0	-
105	18.12	Coal mining	None (within 0m)				
106	18.13	Brine areas	None (within 0m)				
106	18.14	Gypsum areas	None (within 0m)				
106	18.15	Tin mining	None (within 0m)				
106	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
107	19.1	Natural cavities	0	0	0	0	-
107	19.2	Mining cavities	0	0	0	0	0
107	19.3	Reported recent incidents	0	0	0	0	-
107	19.4	Historical incidents	0	0	0	0	-
108	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
109 >	20.1 >	Radon >	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
111 >	21.1 >	BGS Estimated Background Soil Chemistry >	4	0	-	-	-
111	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
111	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
112	22.1	Underground railways (London)	0	0	0	-	-
112	22.2	Underground railways (Non-London)	0	0	0	-	-
113	22.3	Railway tunnels	0	0	0	-	-
113	22.4	Historical railway and tunnel features	0	0	0	-	-
113	22.5	Royal Mail tunnels	0	0	0	-	-

113	22.6	Historical railways	0	0	0	-	-
113 >	22.7 >	Railways >	0	3	0	-	-
114	22.8	Crossrail 1	0	0	0	0	-
114	22.9	Crossrail 2	0	0	0	0	-
114	22.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 22/04/2021

Site Area: 8.08ha

Recent site history - 2018 aerial photograph



Capture Date: 28/06/2018

Site Area: 8.08ha



Recent site history - 2013 aerial photograph



Capture Date: 03/05/2013

Site Area: 8.08ha



Recent site history - 2012 aerial photograph



Capture Date: 13/09/2012

Site Area: 8.08ha



Recent site history - 1999 aerial photograph



Capture Date: 06/09/1999

Site Area: 8.08ha



OS MasterMap site plan



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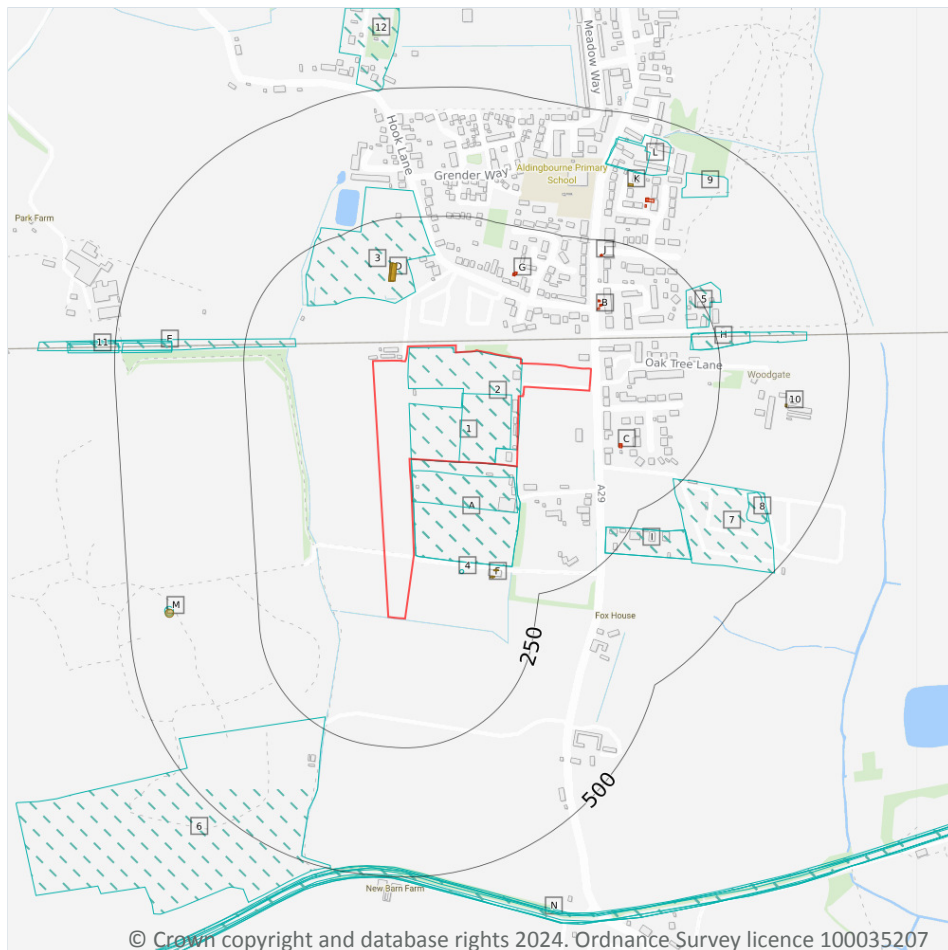
Site Area: 8.08ha



Contact us with any questions at:
info@groundsure.com
01273 257 755

Date: 6 June 2024

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

29

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	On site	Nursery	1993	1913108



ID	Location	Land use	Dates present	Group ID
2	On site	Nursery	1977	1960520
A	On site	Nursery	1993	1899579
A	On site	Nursery	1977	1935152
A	1m SW	Nursery	1896	1944284
3	87m N	Nursery	1993	1868098
4	92m S	Unspecified Tank	1977	1859317
E	152m NW	Cuttings	1876	1918519
H	196m E	Cuttings	1950 - 1961	1904732
H	202m E	Cuttings	1938	1892361
5	202m NE	Nursery	1977	1868102
I	209m SE	Sawmill	1977	1924358
I	209m SE	Sawmill	1993	1960582
6	229m SW	Landfill Site	1993	1874847
7	235m E	Brick Field	1950	1884752
8	365m E	Unspecified Pit	1950 - 1961	1939466
9	375m NE	Nursery	1940	1868101
E	389m W	Cuttings	1938 - 1950	1931023
L	390m NE	Nursery	1910	1957295
E	390m W	Cuttings	1961	1885982
L	391m NE	Nursery	1961	1929735
M	414m SW	Unspecified Tank	1993	1859318
N	481m S	Old Canal	1977	1964169
N	482m S	Disused Canal	1875 - 1910	2367196
N	486m S	Disused Canal	1938	2368291
N	486m S	Disused Canal	1950	1890318
N	488m S	Disused Canal	1961	2369080
11	492m W	Cuttings	1961	1928309
12	497m N	Nursery	1977	1929477

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

12

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
D	129m N	Tanks	1994 - 1995	313323
D	129m N	Tanks	1995	316547
D	129m N	Tanks	1975	320459
D	129m N	Tanks	1992	325666
F	152m S	Unspecified Tank	1992	316425
F	154m S	Unspecified Tank	1974	327479
F	157m S	Unspecified Tank	1992	318810
F	160m S	Unspecified Tank	1974	313569
K	362m NE	Unspecified Tank	1992	324634
K	362m NE	Unspecified Tank	1975	327280
10	380m E	Tanks	1973	311440
M	414m SW	Unspecified Tank	1994	327240

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

19

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	115m NE	Gas Governor	1975	191996
C	118m E	Electricity Substation	-	187727
C	118m E	Electricity Substation	1974 - 1995	206281
C	120m E	Electricity Substation	1995	199809
B	122m NE	Gas Governor	1994 - 1995	206127
B	123m NE	Gas Governor	1992	201635
B	130m NE	Gas Valve House	-	187626
B	131m NE	Gas Valve House	1975	191741
G	156m NE	Electricity Substation	1992 - 1995	205373
G	156m NE	Electricity Substation	-	187726
G	158m NE	Electricity Substation	1975	201879
J	219m NE	Gas Governor	1995	200610
J	219m NE	Gas Governor	1975	205766
J	219m NE	Gas Governor	1992	208330
K	330m NE	Electricity Substation	1995	191384
K	341m NE	Electricity Substation	1992 - 1995	200660
K	341m NE	Electricity Substation	1975	205522
K	341m NE	Electricity Substation	-	187523
K	341m NE	Electricity Substation	1974	211958

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

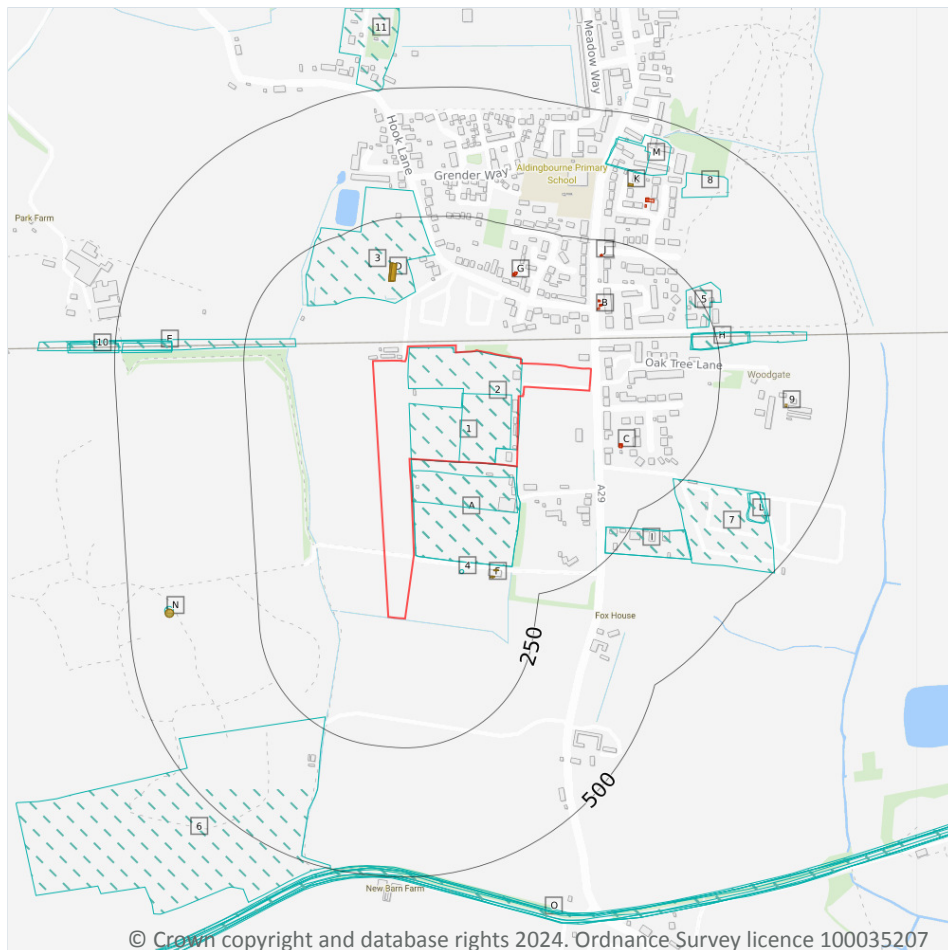
Records within 500m

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

33

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 20](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Nursery	1993	1913108
2	On site	Nursery	1977	1960520
A	On site	Nursery	1993	1899579

ID	Location	Land Use	Date	Group ID
A	On site	Nursery	1977	1935152
A	1m SW	Nursery	1896	1944284
3	87m N	Nursery	1993	1868098
4	92m S	Unspecified Tank	1977	1859317
E	152m NW	Cuttings	1876	1918519
H	196m E	Cuttings	1961	1904732
H	198m E	Cuttings	1950	1904732
H	202m E	Cuttings	1938	1892361
5	202m NE	Nursery	1977	1868102
I	209m SE	Sawmill	1993	1960582
I	209m SE	Sawmill	1977	1924358
6	229m SW	Landfill Site	1993	1874847
7	235m E	Brick Field	1950	1884752
L	365m E	Unspecified Pit	1961	1939466
L	369m E	Unspecified Pit	1950	1939466
8	375m NE	Nursery	1940	1868101
E	389m W	Cuttings	1950	1931023
E	389m W	Cuttings	1938	1931023
M	390m NE	Nursery	1910	1957295
E	390m W	Cuttings	1961	1885982
M	391m NE	Nursery	1961	1929735
N	414m SW	Unspecified Tank	1993	1859318
O	481m S	Old Canal	1977	1964169
O	482m S	Disused Canal	1876	2367196
O	486m S	Disused Canal	1950	1890318
O	486m S	Disused Canal	1938	2368291
O	486m S	Disused Canal	1896	2367196
O	488m S	Disused Canal	1961	2369080



ID	Location	Land Use	Date	Group ID
10	492m W	Cuttings	1961	1928309
11	497m N	Nursery	1977	1929477

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	15
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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 20 >](#)

ID	Location	Land Use	Date	Group ID
D	129m N	Tanks	1994	313323
D	129m N	Tanks	1995	313323
D	129m N	Tanks	1995	316547
D	129m N	Tanks	1975	320459
D	129m N	Tanks	1992	325666
F	152m S	Unspecified Tank	1992	316425
F	154m S	Unspecified Tank	1974	327479
F	157m S	Unspecified Tank	1992	318810
F	160m S	Unspecified Tank	1974	313569
K	362m NE	Unspecified Tank	1975	327280
K	362m NE	Unspecified Tank	1975	327280
K	362m NE	Unspecified Tank	1992	324634
9	380m E	Tanks	1973	311440
N	414m SW	Unspecified Tank	1994	327240
N	414m SW	Unspecified Tank	1994	327240

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

33

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 20 >](#)

ID	Location	Land Use	Date	Group ID
B	115m NE	Gas Governor	1975	191996
C	118m E	Electricity Substation	-	187727
C	118m E	Electricity Substation	1994	206281
C	118m E	Electricity Substation	1995	206281
C	119m E	Electricity Substation	1974	206281
C	119m E	Electricity Substation	1975	206281
C	119m E	Electricity Substation	1975	206281
C	119m E	Electricity Substation	1992	206281
C	120m E	Electricity Substation	1995	199809
B	122m NE	Gas Governor	1994	206127
B	122m NE	Gas Governor	1995	206127
B	123m NE	Gas Governor	1992	201635
B	123m NE	Gas Governor	1995	206127
B	130m NE	Gas Valve House	-	187626
B	131m NE	Gas Valve House	1975	191741
G	156m NE	Electricity Substation	1995	205373
G	156m NE	Electricity Substation	-	187726
G	156m NE	Electricity Substation	1994	205373
G	156m NE	Electricity Substation	1995	205373
G	158m NE	Electricity Substation	1975	201879
G	158m NE	Electricity Substation	1975	201879
G	158m NE	Electricity Substation	1992	205373
J	219m NE	Gas Governor	1995	200610



ID	Location	Land Use	Date	Group ID
J	219m NE	Gas Governor	1975	205766
J	219m NE	Gas Governor	1992	208330
K	330m NE	Electricity Substation	1995	191384
K	341m NE	Electricity Substation	1975	205522
K	341m NE	Electricity Substation	1975	205522
K	341m NE	Electricity Substation	1992	200660
K	341m NE	Electricity Substation	-	187523
K	341m NE	Electricity Substation	1994	200660
K	341m NE	Electricity Substation	1995	200660
K	341m NE	Electricity Substation	1974	211958

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.

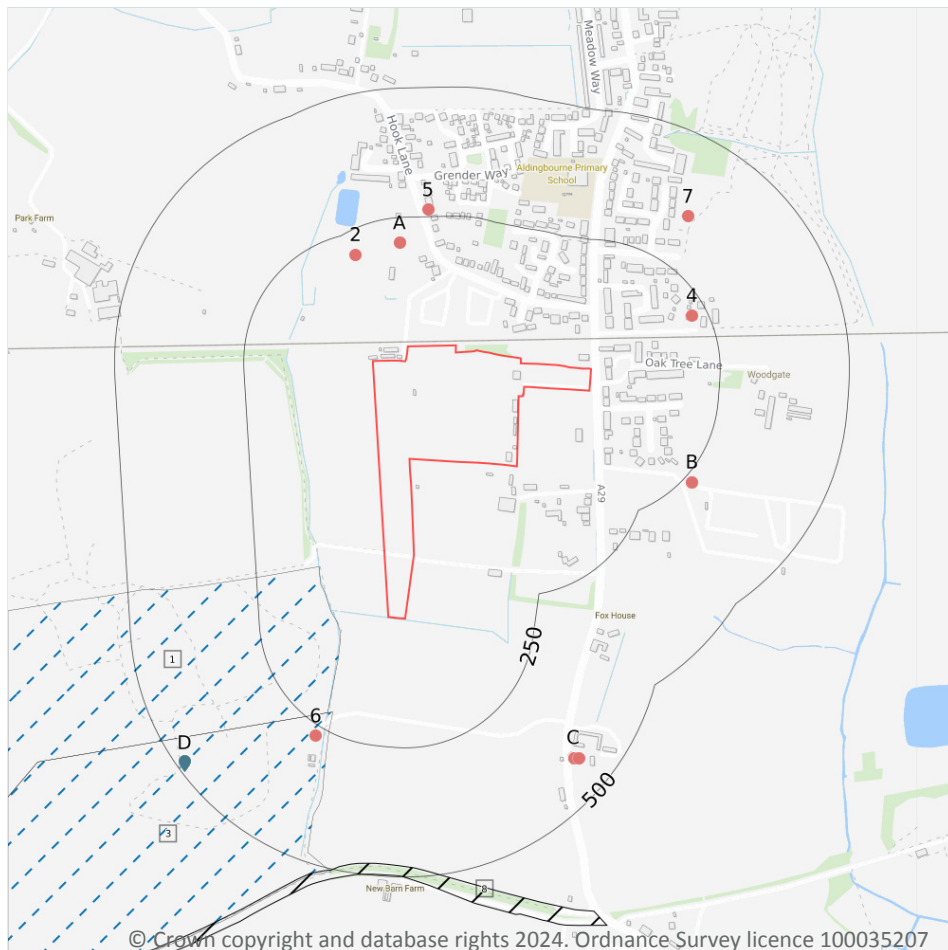
2.5 Historical garages

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)
- Active or recent landfill
- Historical landfill (EA/NRW)
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

2

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 25 >](#)

ID	Location	Details	
1	97m SW	Operator: Suez Recycling And Recovery Southern Ltd Site Address: Suez Recycling And Recovery Southern Ltd, Lidsey Landfill Site, Lidsey Road, Lidsey, Bognor Regis, West Sussex, PO22 9PL	WML Number: 19728 EPR Reference: 625816 Landfill type: A01: Co-Disposal Landfill Site Status: Expired IPPC Reference: - EPR Number: EA/EPR/WP3994HY

ID	Location	Details	
3	212m S	Operator: Suez Recycling And Recovery Southern Ltd Site Address: Suez Recycling And Recovery Southern Ltd, Lidsey Landfill Site, Lidsey Road, Lidsey, Bognor Regis, West Sussex, PO22 9PL	WML Number: 19729 EPR Reference: 651876 Landfill type: A01: Co-Disposal Landfill Site Status: Expired IPPC Reference: - EPR Number: EA/EPR/WP3594HZ

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 25 >](#)

ID	Location	Details		
8	476m S	Site Address: Disused Canal, Lidsey, Sussex Licence Holder Address: -	Waste Licence: Yes Site Reference: WD27/142, WD13/69 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 08/08/1980 Licence Surrender: 06/08/1989	Operator: - Licence Holder: Bower Farms Limited First Recorded 31/12/1979 Last Recorded: 31/12/1988

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

3.5 Historical waste sites

Records within 500m	0
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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
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 25](#) >

ID	Location	Details		
D	485m SW	Site Name: Lidsey Landfill Site Site Address: Lidsey Landfill Site, Lidsey Road, Lidsey, Bognor Regis, West Sussex, PO22 9PL Correspondence Address: -	Type of Site: Co-Disposal Landfill Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIT011 EPR reference: EA/EPR/WP3594HZ/A001 Operator: Sita Southern Ltd Waste Management licence No: 19729 Annual Tonnage: 1000000	Issue Date: 12/09/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
D	485m SW	Site Name: Lidsey Landfill Site Site Address: Lidsey Landfill Site, Lidsey Road, Lidsey, Bognor Regis, West Sussex, PO22 9PL Correspondence Address: -	Type of Site: Co-Disposal Landfill Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIT011 EPR reference: EA/EPR/WP3594HZ/A001 Operator: S I T A Southern Limited Waste Management licence No: 19729 Annual Tonnage: 1000000	Issue Date: 12/09/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure

ID	Location	Details		
D	485m SW	Site Name: Lidsey Landfill Site Site Address: Lidsey Landfill Site, Lidsey Road, Lidsey, Bognor Regis, West Sussex, PO22 9PL Correspondence Address: Vine Court, Chalkpit Lane, Dorking, Surrey, RH4 1AJ	Type of Site: Co-Disposal Landfill Site Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIT011 EPR reference: - Operator: S I T A Southern Limited Waste Management licence No: 19729 Annual Tonnage: 0	Issue Date: 12/09/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	23
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 25 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	200m N	OMNIA NURSERY, HOOK LANE, ALDINGBOURNE, CHICHESTER, PO20 3TE	WEX283035	Disposing of waste exemption	On a Farm	Burning waste in the open
A	200m N	OMNIA NURSERY, HOOK LANE, ALDINGBOURNE, CHICHESTER, PO20 3TE	WEX143944	Disposing of waste exemption	On a farm	Burning waste in the open
2	203m NW	Omnia Nursery Hook Lane Chichester West Sussex PO20 3TE	EPR/NF0007CF /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
4	220m NE	THE GRANGE, WESTERGATE STREET, WOODGATE, CHICHESTER, PO20 3SQ	WEX079641	Using waste exemption	Not on a farm	Use of waste in construction
5	262m N	TARA, HOOK LANE, ALDINGBOURNE, CHICHESTER, PO20 3TE	WEX153314	Using waste exemption	Not on a farm	Use of waste in construction
B	266m E	LIDSEY ROAD, WOODGATE, CHICHESTER, PO20 3SU	WEX343873	Disposing of waste exemption	Not on a farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
B	266m E	LIDSEY ROAD, WOODGATE, CHICHESTER, PO20 3SU	WEX218771	Disposing of waste exemption	Not on a farm	Burning waste in the open
6	271m SW	LIDSEY ROAD, BOGNOR REGIS, PO22 9PL	WEX125809	Using waste exemption	Not on a farm	Use of waste in construction
7	349m NE	Neighland Stables Aldingbourne PO20 3QP	EPR/NE5389W M/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
C	422m S	Lidsey Landfill Lidsey Road Chichester West Sussex PO229PL	EPR/WF0803G K/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
C	422m S	Headhone Farm Lidsey Road West Sussex PO22 9PL	EPR/CF0932SL /A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
C	422m S	Headhone Farm Lidsey Road West Sussex PO22 9PL	EPR/CF0932SL /A001	Using waste exemption	Agricultural Waste Only	Use of waste for a specified purpose
C	422m S	Headhone Farm Lidsey Road West Sussex PO22 9PL	EPR/CF0932SL /A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX334424	Using waste exemption	On a farm	Use of waste for a specified purpose
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX334424	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX334424	Disposing of waste exemption	On a farm	Burning waste in the open
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX210231	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX210231	Using waste exemption	On a Farm	Use of waste for a specified purpose
C	424m S	HEADHONE FARM, LIDSEY ROAD, BOGNOR REGIS, PO22 9PL	WEX058255	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
C	424m S	HEADHONE FARM, LIDSEY ROAD, BOGNOR REGIS, PO22 9PL	WEX058255	Using waste exemption	On a farm	Use of waste for a specified purpose

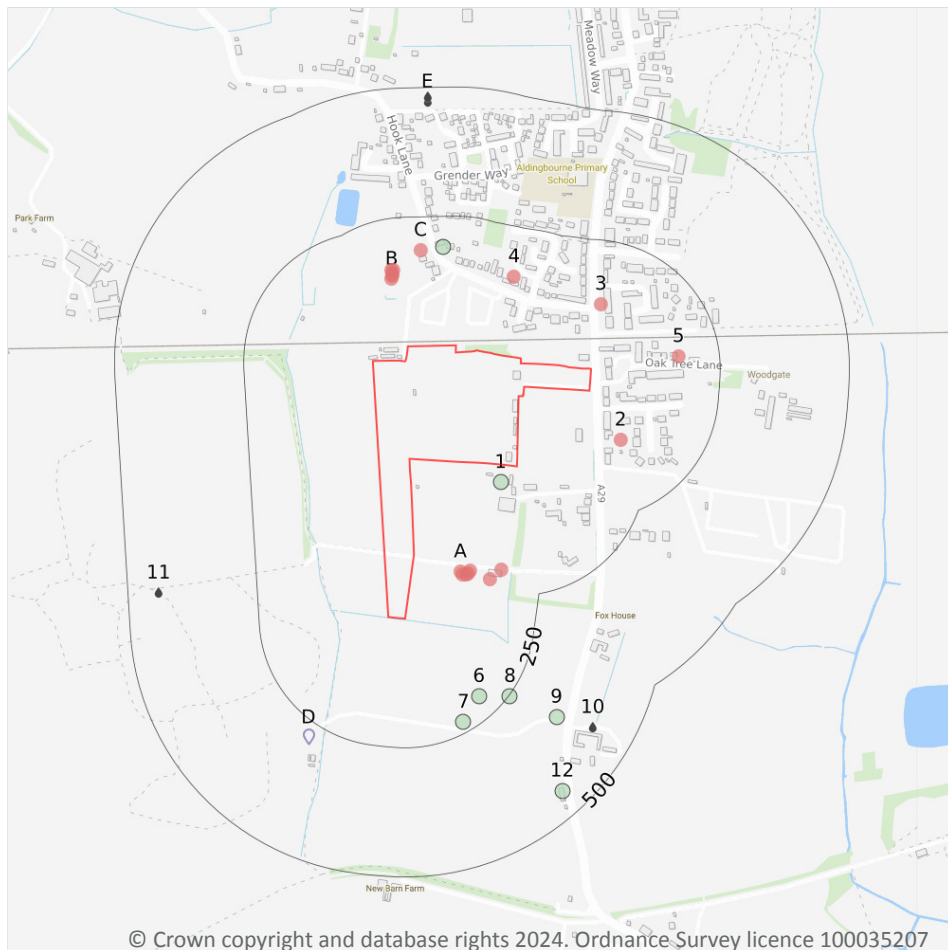


ID	Location	Site	Reference	Category	Sub-Category	Description
C	424m S	Headhone Farm, Lidsey Road, Bognor Regis, PO22 9PL	WEX210231	Disposing of waste exemption	On a Farm	Burning waste in the open
C	424m S	HEADHONE FARM, LIDSEY ROAD, BOGNOR REGIS, PO22 9PL	WEX058255	Disposing of waste exemption	On a farm	Burning waste in the open
C	432m S	GRANGE HOUSE, GRANGE ROAD, MIDHURST, GU29 9LS	WEX100236	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)
- Recent industrial land uses
- Part A(1) industrial activities
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

17

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 31](#) >

ID	Location	Company	Address	Activity	Category
A	93m S	Silo	West Sussex, PO20	Hoppers and Silos	Farming
A	99m S	Silo	West Sussex, PO20	Hoppers and Silos	Farming
A	106m S	Silo	West Sussex, PO20	Hoppers and Silos	Farming
A	110m S	Silo	West Sussex, PO20	Hoppers and Silos	Farming

ID	Location	Company	Address	Activity	Category
A	111m S	Silo	West Sussex, PO20	Hoppers and Silos	Farming
2	113m E	Electricity Sub Station	West Sussex, PO20	Electrical Features	Infrastructure and Facilities
3	127m NE	Gas Governor Station	West Sussex, PO20	Gas Features	Infrastructure and Facilities
B	134m N	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
B	140m N	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
B	144m N	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
B	150m N	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
B	151m N	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
A	153m S	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
4	155m NE	Electricity Sub Station	West Sussex, PO20	Electrical Features	Infrastructure and Facilities
5	171m E	The Dock	West Sussex, PO20	Moorings and Unloading Facilities	Water
A	172m S	Tank	West Sussex, PO20	Tanks (Generic)	Industrial Features
C	186m N	Gas Governor	West Sussex, PO20	Gas 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
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Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	2
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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 31 >](#)

ID	Location	Details	
D	279m SW	Operator: Lidsey Landfill Limited Installation Name: Lidsey Landfill Site EPR/CP3735SM Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: UP3932JF Original Permit Number: CP3735SM	EPR Reference: - Issue Date: 28/09/2018 Effective Date: 28/09/2018 Last date noted as effective: 21/03/2023 Status: Effective
D	279m SW	Operator: Lidsey Landfill Limited Installation Name: Lidsey Landfill Site EPR/CP3735SM Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: PP3706LT Original Permit Number: CP3735SM	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 21/03/2023 Status: Determination

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
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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

4

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

Features are displayed on the Current industrial land use map on [page 31](#) >

ID	Location	Address	Details	
10	419m SE	HEADHONE FARM, HEADHONE FARM, SHRIPNEY WEST SUSSEX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: S01094 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 19/09/1963 Effective Date: 19/09/1963 Revocation Date: -
11	441m SW	BLACK SHED, BLACK SHED, EASTERGATE, CHICHESTER, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01102 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 17/07/1963 Effective Date: 17/07/1963 Revocation Date: 31/03/1997
E	472m N	GREENHOUSES AT HOOK LANE, GREENHOUSES AT HOOK LANE, ALDINGBOURNE, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01981 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 03/02/1971 Effective Date: 03/02/1971 Revocation Date: 31/03/1997
E	482m N	GREENHOUSES AT HOOK LANE, GREENHOUSES AT HOOK LANE, ALDINGBOURNE, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01981 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 03/02/1971 Effective Date: 03/02/1971 Revocation Date: 31/03/1997

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**7**

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

Features are displayed on the Current industrial land use map on [page 31 >](#)

ID	Location	Details	
1	34m SE	Incident Date: 28/07/2003 Incident Identification: 177184 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
C	191m N	Incident Date: 30/10/2003 Incident Identification: 199115 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
6	207m S	Incident Date: 05/07/2002 Incident Identification: 89461 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
7	229m S	Incident Date: 16/08/2002 Incident Identification: 100937 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
8	252m S	Incident Date: 11/01/2002 Incident Identification: 51959 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
9	349m S	Incident Date: 03/04/2003 Incident Identification: 148359 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Landfill Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
12	450m S	Incident Date: 28/12/2001 Incident Identification: 49716 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	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.

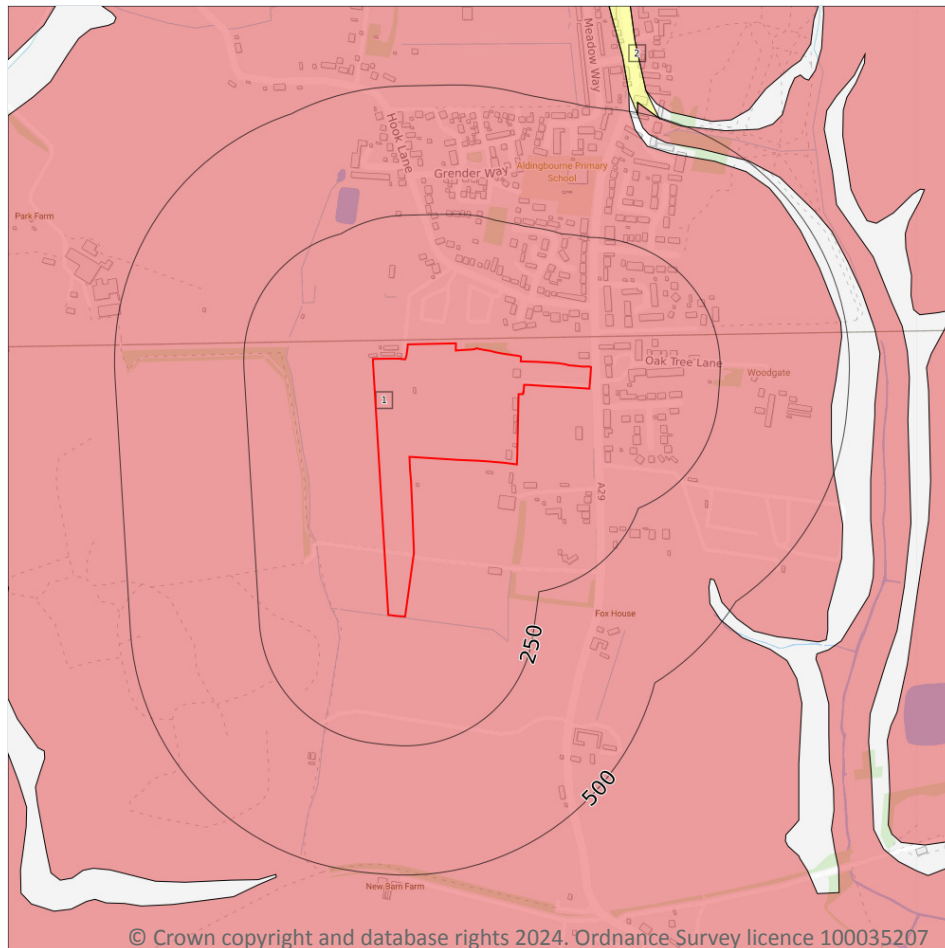
4.21 Pollution inventory radioactive waste

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



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

5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

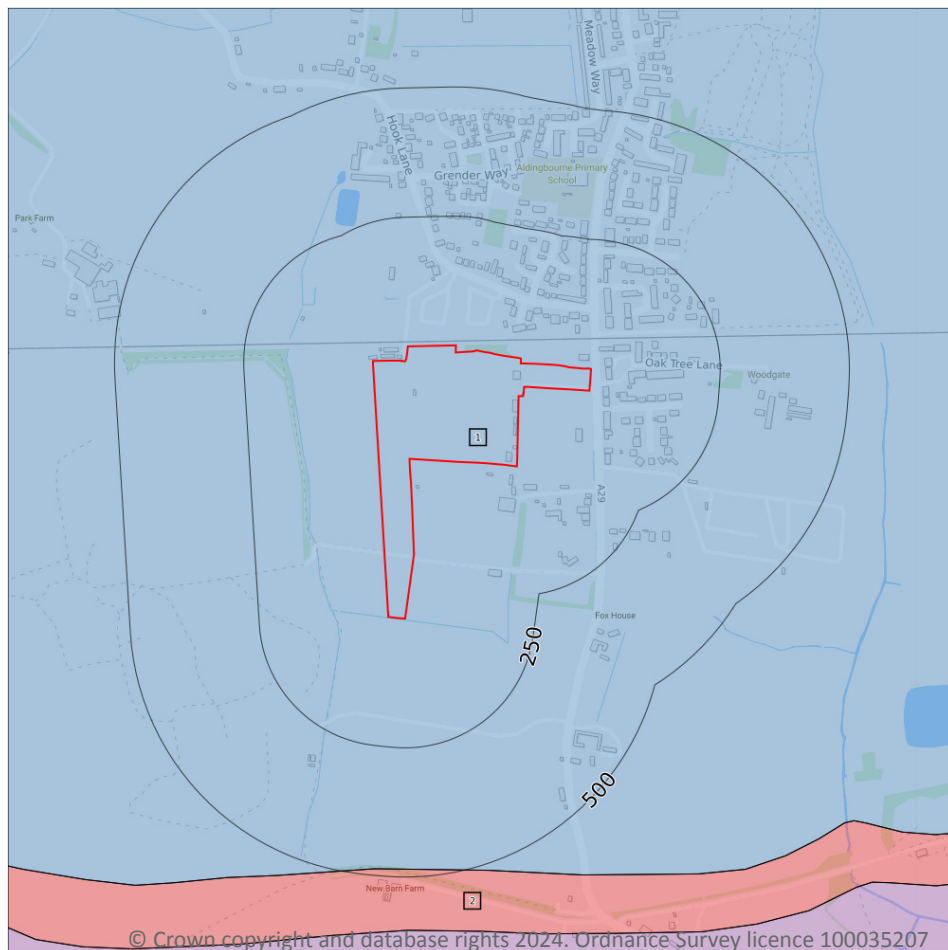
Features are displayed on the Hydrogeology map on [page 39](#) >

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	497m 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

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

2

Aquifer status of groundwater held within bedrock geology.

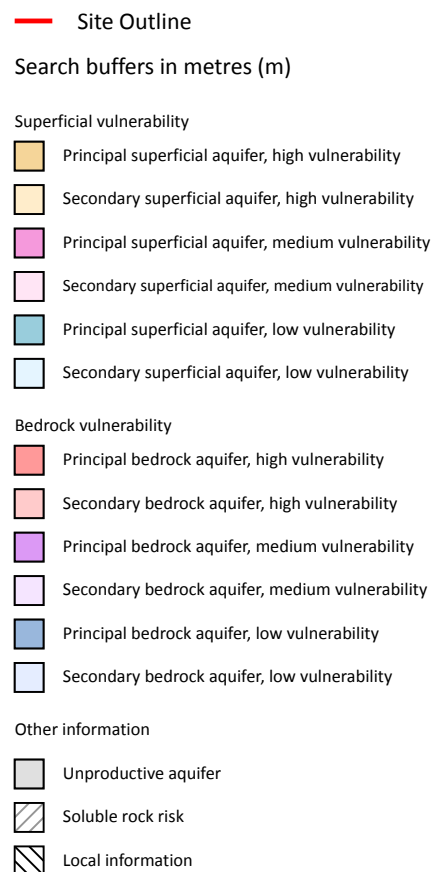
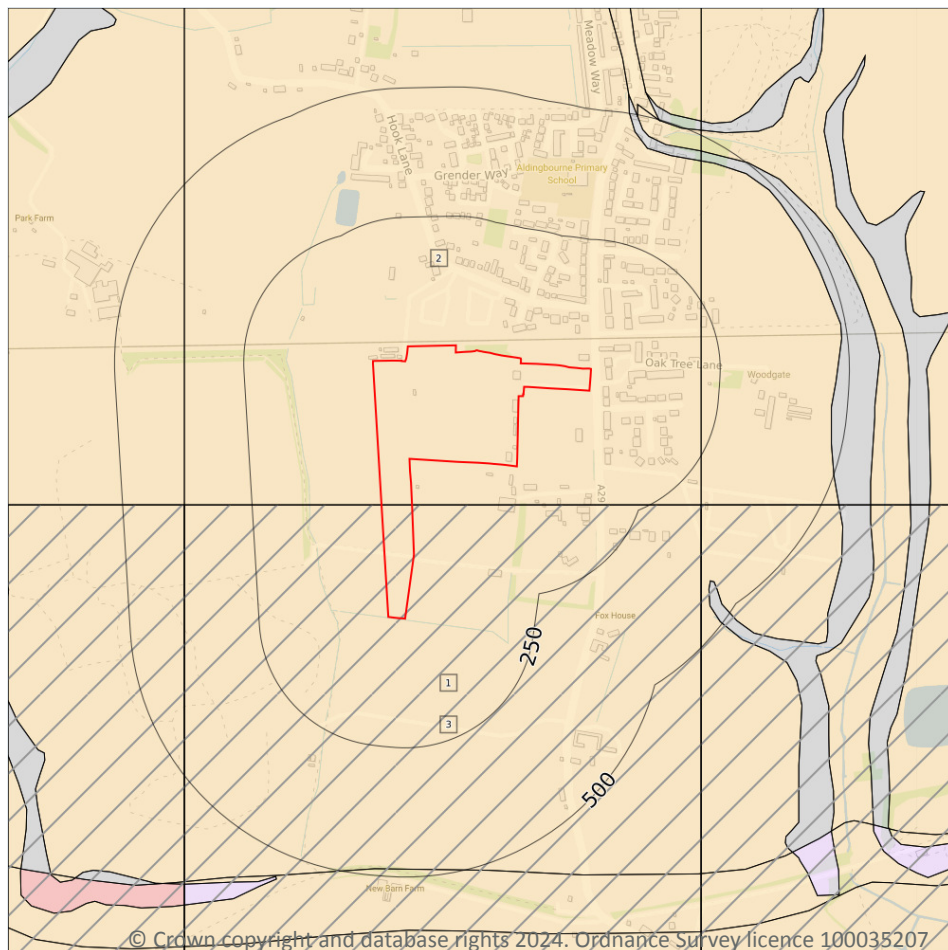
Features are displayed on the Bedrock aquifer map on [page 41 >](#)

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	485m S	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.



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 42](#) >

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: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures
2	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: 3-10m 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	1
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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	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	17.0%

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

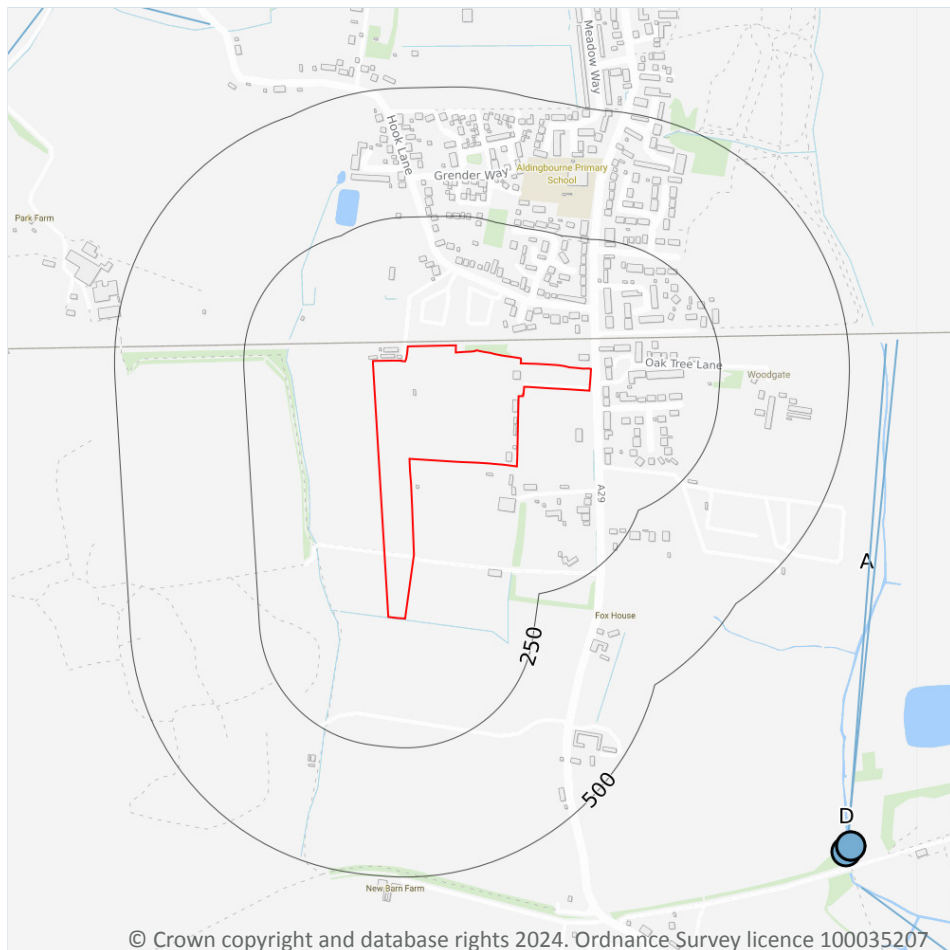
5.5 Groundwater vulnerability- local information

Records on site	0
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This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

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

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 44](#) >

ID	Location	Details	
-	1294m SW	Status: Active Licence No: SO/041/0024/017 Details: Trickle Irrigation - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE AT COLWORTH, CHICHESTER Data Type: Point Name: The Summer Berry Company UK Easting: 492434 Northing: 102915	Annual Volume (m ³): 147010 Max Daily Volume (m ³): 2328 Original Application No: NPS/NA/000897 Original Start Date: 24/03/2022 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 24/03/2022 Version End Date: -
-	1308m SW	Status: Historical Licence No: 10/41/541002 Details: General Farming & Domestic Direct Source: Southern Region Groundwater Point: POINT 1 AT SHRIPNEY FARM & FLANSHAM FARM Data Type: Point Name: The Donald Langmead Partnership Easting: 492580 Northing: 102760	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 21/03/2001 Version End Date: -
-	1442m S	Status: Active Licence No: 10/41/541004 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: AT SHRIPNEY FARM, BOGNOR REGIS Data Type: Point Name: Langmead Farms Ltd Easting: 492870 Northing: 102440	Annual Volume (m ³): 45460 Max Daily Volume (m ³): 547.2 Original Application No: WR.0009 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 16/04/2019 Version End Date: -
-	1713m NE	Status: Historical Licence No: 10/41/542105 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: POINT A AT EASTERGATE Data Type: Point Name: Robinson Easting: 494260 Northing: 105910	Annual Volume (m ³): 10183 Max Daily Volume (m ³): 327.3 Original Application No: - Original Start Date: 19/03/1979 Expiry Date: - Issue No: 100 Version Start Date: 31/03/2016 Version End Date: -
-	1856m NW	Status: Active Licence No: 10/41/542108 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: POINT D AT ALDINGBOURNE PUMPING STATION Data Type: Point Name: Portsmouth Water Ltd Easting: 492125 Northing: 105660	Annual Volume (m ³): 10357800 Max Daily Volume (m ³): 41000 Original Application No: NPS/WR/020403 Original Start Date: 31/03/1974 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2016 Version End Date: -

ID	Location	Details	
-	1903m NW	Status: Historical Licence No: 10/41/542108 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: POINT D AT ALDINGBOURNE PUMPING STATION Data Type: Point Name: Portsmouth Water Ltd Easting: 492100 Northing: 105700	Annual Volume (m ³): 12857800 Max Daily Volume (m ³): 41000 Original Application No: - Original Start Date: 31/03/1974 Expiry Date: - Issue No: 102 Version Start Date: 10/06/2009 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	41
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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 44 >](#)

ID	Location	Details	
A	565m E	Status: Active Licence No: 10/41/542102/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: BETWEEN POINTS A&B AT LIDSEY,BERSTED Data Type: Line Name: Ashmarden Limited Easting: 494358 Northing: 104312	Annual Volume (m ³): 24548 Max Daily Volume (m ³): 909 Original Application No: NPS/WR/030681 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 2 Version Start Date: 13/12/2018 Version End Date: -
A	583m E	Status: Historical Licence No: 10/41/542102 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: BETWEEN POINTS A&B AT LIDSEY,BERSTED Data Type: Line Name: Ashmarden Ltd Easting: 494380 Northing: 104320	Annual Volume (m ³): 19639 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 20/05/1966 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -

ID	Location	Details	
1	723m NW	Status: Active Licence No: 10/41/541301 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: PARK FARM REACH E-F, ALDINGBOURNE Data Type: Line Name: Messrs W H & D Gillbard Easting: 493050 Northing: 104930	Annual Volume (m ³): 31822 Max Daily Volume (m ³): 655 Original Application No: WR.0129 Original Start Date: 07/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/04/2019 Version End Date: -
-	848m SW	Status: Active Licence No: 10/41/541310 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS A TO B ON ALDINGBOURNE RIFE AT UPPER WOODHORN Data Type: Line Name: The Woodhorn Group Easting: 492510 Northing: 103930	Annual Volume (m ³): 22730 Max Daily Volume (m ³): 2480 Original Application No: WR.0437 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 16/04/2019 Version End Date: -
-	884m W	Status: Active Licence No: 10/41/541301 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: PARK FARM REACH A-B, ALDINGBOURNE Data Type: Line Name: Messrs W H & D Gillbard Easting: 492160 Northing: 105760	Annual Volume (m ³): 31822 Max Daily Volume (m ³): 655 Original Application No: WR.0129 Original Start Date: 07/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/04/2019 Version End Date: -
-	899m SW	Status: Active Licence No: 10/41/541309/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS B-C, LIDSEY, BERSTEAD Data Type: Line Name: Ashmarden Limited Easting: 492392 Northing: 104272	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909 Original Application No: NPS/WR/033387 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 04/02/2020 Version End Date: -
-	901m SW	Status: Historical Licence No: 10/41/541309 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS A-B, LIDSEY, BERSTEAD Data Type: Line Name: Ashmarden Ltd Easting: 492390 Northing: 104270	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 22/05/1966 Version End Date: -

ID	Location	Details	
-	901m SW	Status: Historical Licence No: 10/41/541309 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS B-C, LIDSEY, BERSTEAD Data Type: Line Name: Ashmarden Ltd Easting: 492390 Northing: 104270	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: - Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -
4	922m NW	Status: Active Licence No: 10/41/541301 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: PARK FARM REACH C-D, ALDINGBOURNE Data Type: Line Name: Messrs W H & D Gillbard Easting: 492840 Northing: 105110	Annual Volume (m ³): 31822 Max Daily Volume (m ³): 655 Original Application No: WR.0129 Original Start Date: 07/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/04/2019 Version End Date: -
-	929m SW	Status: Active Licence No: 10/41/541203 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS A-B, UPPER WOODHORN, Oving Data Type: Line Name: The Woodhorn Group Easting: 490670 Northing: 104580	Annual Volume (m ³): 113650 Max Daily Volume (m ³): 1241 Original Application No: WR.0437 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 16/04/2019 Version End Date: -
-	929m SW	Status: Historical Licence No: 10/41/541310 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS A&B C&D AT ALDINGBOURNE RIFE AT UPPER WOODHORN Data Type: Line Name: Pitts Easting: 490670 Northing: 104580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 30/05/2001 Version End Date: -
D	965m SE	Status: Active Licence No: SO/041/0024/007 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: LIDSEY RIFE (WEST BRANCH) AT HEADHORN FARM Data Type: Point Name: Ashmarden Limited Easting: 494281 Northing: 103329	Annual Volume (m ³): 125000 Max Daily Volume (m ³): 2400 Original Application No: NPS/WR/030677 Original Start Date: 07/02/2014 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 01/04/2021 Version End Date: -

ID	Location	Details	
D	968m SE	Status: Active Licence No: 27/208/R01 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: WEST BRANCH OF THE LIDSEY RIFE Data Type: Point Name: Eggins Easting: 494290 Northing: 103340	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 600 Original Application No: NPS/WR/019257 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
D	968m SE	Status: Historical Licence No: 27/208 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: WEST BRANCH OF THE LIDSEY RIFE Data Type: Point Name: Lidsey Farm Easting: 494290 Northing: 103340	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 31/05/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 16/06/2009 Version End Date: -
-	1002m W	Status: Active Licence No: SO/041/0024/015 Details: Trickle Irrigation - Storage Direct Source: Southern Region Surface Waters Point: ALDINGBOURNE RIFE, CHICHESTER Data Type: Point Name: Messrs W H & D Gillbard Easting: 492370 Northing: 104398	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 778 Original Application No: NPS/WR/035317 Original Start Date: 04/07/2019 Expiry Date: 31/03/2028 Issue No: 2 Version Start Date: 22/03/2021 Version End Date: -
-	1002m W	Status: Active Licence No: SO/041/0024/015 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: ALDINGBOURNE RIFE, CHICHESTER Data Type: Point Name: Messrs W H & D Gillbard Easting: 492370 Northing: 104398	Annual Volume (m ³): 45000 Max Daily Volume (m ³): 778 Original Application No: NPS/WR/035317 Original Start Date: 04/07/2019 Expiry Date: 31/03/2028 Issue No: 2 Version Start Date: 22/03/2021 Version End Date: -
5	1024m SE	Status: Active Licence No: 10/41/542010 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LIDSEY RIFE REACH A-B,LIDSEY Data Type: Line Name: Lidsey Farm Easting: 494310 Northing: 103260	Annual Volume (m ³): 14092 Max Daily Volume (m ³): 227.3 Original Application No: 169/0197 Original Start Date: 12/09/1977 Expiry Date: - Issue No: 101 Version Start Date: 31/03/2016 Version End Date: -

ID	Location	Details	
-	1307m SW	Status: Active Licence No: 27/185 Details: Trickle Irrigation - Direct Direct Source: Southern Region Surface Waters Point: DRAIN KNOWN AS ALDING BOURNE RIFE AT COLWORTH Data Type: Point Name: The Summer Berry Company UK Easting: 492490 Northing: 102840	Annual Volume (m ³): 609710 Max Daily Volume (m ³): 6710 Original Application No: NPS/NA/000893 Original Start Date: 20/02/1996 Expiry Date: - Issue No: 105 Version Start Date: 24/03/2022 Version End Date: -
-	1307m SW	Status: Active Licence No: 27/185 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: DRAIN KNOWN AS ALDING BOURNE RIFE AT COLWORTH Data Type: Point Name: The Summer Berry Company UK Easting: 492490 Northing: 102840	Annual Volume (m ³): 609710 Max Daily Volume (m ³): 6710 Original Application No: NPS/NA/000893 Original Start Date: 20/02/1996 Expiry Date: - Issue No: 105 Version Start Date: 24/03/2022 Version End Date: -
-	1307m SW	Status: Historical Licence No: 27/185 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: RIGHT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM. Data Type: Point Name: The Summer Berry Company UK Easting: 492490 Northing: 102840	Annual Volume (m ³): 61371 Max Daily Volume (m ³): 1440 Original Application No: NPS/WR/032684 Original Start Date: 20/02/1996 Expiry Date: - Issue No: 104 Version Start Date: 23/10/2019 Version End Date: -
-	1332m SE	Status: Historical Licence No: 10/41/542010 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LIDSEY RIFE REACH C-D, LIDSEY Data Type: Line Name: Lidsey Farm Easting: 494930 Northing: 103540	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 10/05/1995 Version End Date: -
-	1333m SE	Status: Active Licence No: 10/41/542010 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LIDSEY RIFE REACH C-D, LIDSEY Data Type: Line Name: Lidsey Farm Easting: 494930 Northing: 103540	Annual Volume (m ³): 14092 Max Daily Volume (m ³): 227.3 Original Application No: 169/0197 Original Start Date: 12/09/1977 Expiry Date: - Issue No: 101 Version Start Date: 31/03/2016 Version End Date: -

ID	Location	Details	
-	1566m SW	Status: Historical Licence No: 10/41/541001 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492428 Northing: 102551	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -
-	1566m SW	Status: Historical Licence No: 10/41/541309/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Ashmarden Ltd Easting: 492428 Northing: 102551	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1566m SW	Status: Historical Licence No: 27/186 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Farms Ltd Easting: 492428 Northing: 102551	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 1440 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 16/06/2009 Version End Date: -
-	1566m SW	Status: Historical Licence No: 10/41/541001/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492428 Northing: 102551	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: - Original Start Date: 30/06/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 30/06/2016 Version End Date: -

ID	Location	Details	
-	1570m SW	Status: Historical Licence No: 10/41/541309/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Ashmarden Ltd Easting: 492420 Northing: 102552	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
-	1570m SW	Status: Historical Licence No: 27/186 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Farms Ltd Easting: 492420 Northing: 102552	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 1440 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 16/06/2009 Version End Date: -
-	1570m SW	Status: Historical Licence No: 10/41/541001 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492420 Northing: 102552	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -
-	1573m SW	Status: Historical Licence No: 10/41/541001 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492430 Northing: 102540	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -

ID	Location	Details	
-	1573m SW	Status: Historical Licence No: 10/41/541309 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Ashmarden Ltd Easting: 492430 Northing: 102540	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: - Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -
-	1573m SW	Status: Historical Licence No: 10/41/542102 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Ashmarden Ltd Easting: 492430 Northing: 102540	Annual Volume (m ³): 19639 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 20/05/1966 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -
-	1573m SW	Status: Historical Licence No: 27/186 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Farms Ltd Easting: 492430 Northing: 102540	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 1440 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 16/06/2009 Version End Date: -
-	1574m SW	Status: Active Licence No: 10/41/541001/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492430 Northing: 102539	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: NPS/WR/021136 Original Start Date: 30/06/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 16/04/2019 Version End Date: -

ID	Location	Details	
-	1574m SW	Status: Active Licence No: 27/186 Details: Spray Irrigation - Storage Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Farms Ltd Easting: 492430 Northing: 102539	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 1440 Original Application No: NPS/WR/022041 Original Start Date: 20/02/1996 Expiry Date: - Issue No: 104 Version Start Date: 16/04/2019 Version End Date: -
-	1574m SW	Status: Active Licence No: 10/41/541309/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Ashmarden Limited Easting: 492430 Northing: 102539	Annual Volume (m ³): 12274 Max Daily Volume (m ³): 909 Original Application No: NPS/WR/033387 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 04/02/2020 Version End Date: -
-	1574m SW	Status: Historical Licence No: 10/41/541001 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: LEFT BANK OF THE ALDINGBOURNE RIFE LOOKING DOWNSTREAM Data Type: Point Name: Langmead Easting: 492430 Northing: 102539	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 545.5 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 01/04/2016 Version End Date: 29/06/2016
-	1676m W	Status: Active Licence No: 10/41/541310 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: POINTS C TO D ON ALDINGBOURNE RIFE AT UPPER WOODHORN Data Type: Line Name: The Woodhorn Group Easting: 491360 Northing: 104840	Annual Volume (m ³): 22730 Max Daily Volume (m ³): 2480 Original Application No: WR.0437 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 16/04/2019 Version End Date: -

ID	Location	Details	
-	1695m NW	Status: Active Licence No: 10/41/541310 Details: Process Water Direct Source: Southern Region Surface Waters Point: POINT E AT TANGMERE AIRFIELD COMPOSTING SITE Data Type: Point Name: The Woodhorn Group Easting: 492130 Northing: 105440	Annual Volume (m ³): 22730 Max Daily Volume (m ³): 2480 Original Application No: WR.0437 Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 16/04/2019 Version End Date: -
-	1823m SE	Status: Active Licence No: 10/41/542102/R01 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: BETWEEN POINTS C&D AT LIDSEY,BERSTED Data Type: Line Name: Ashmarden Limited Easting: 494931 Northing: 102749	Annual Volume (m ³): 24548 Max Daily Volume (m ³): 909 Original Application No: NPS/WR/030681 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 2 Version Start Date: 13/12/2018 Version End Date: -
-	1844m SE	Status: Historical Licence No: 10/41/542102 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: BETWEEN POINTS C&D AT LIDSEY,BERSTED Data Type: Line Name: Ashmarden Ltd Easting: 494950 Northing: 102740	Annual Volume (m ³): 19639 Max Daily Volume (m ³): 909.2 Original Application No: - Original Start Date: 20/05/1966 Expiry Date: 31/03/2016 Issue No: 101 Version Start Date: 10/06/2009 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

2

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 44 >](#)

ID	Location	Details	
-	1856m NW	Status: Active Licence No: 10/41/542108 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: POINT D AT ALDINGBOURNE PUMPING STATION Data Type: Point Name: Portsmouth Water Ltd Easting: 492125 Northing: 105660	Annual Volume (m ³): 10357800 Max Daily Volume (m ³): 41000 Original Application No: NPS/WR/020403 Original Start Date: 31/03/1974 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2016 Version End Date: -
-	1903m NW	Status: Historical Licence No: 10/41/542108 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: POINT D AT ALDINGBOURNE PUMPING STATION Data Type: Point Name: Portsmouth Water Ltd Easting: 492100 Northing: 105700	Annual Volume (m ³): 12857800 Max Daily Volume (m ³): 41000 Original Application No: - Original Start Date: 31/03/1974 Expiry Date: - Issue No: 102 Version Start Date: 10/06/2009 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	0
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

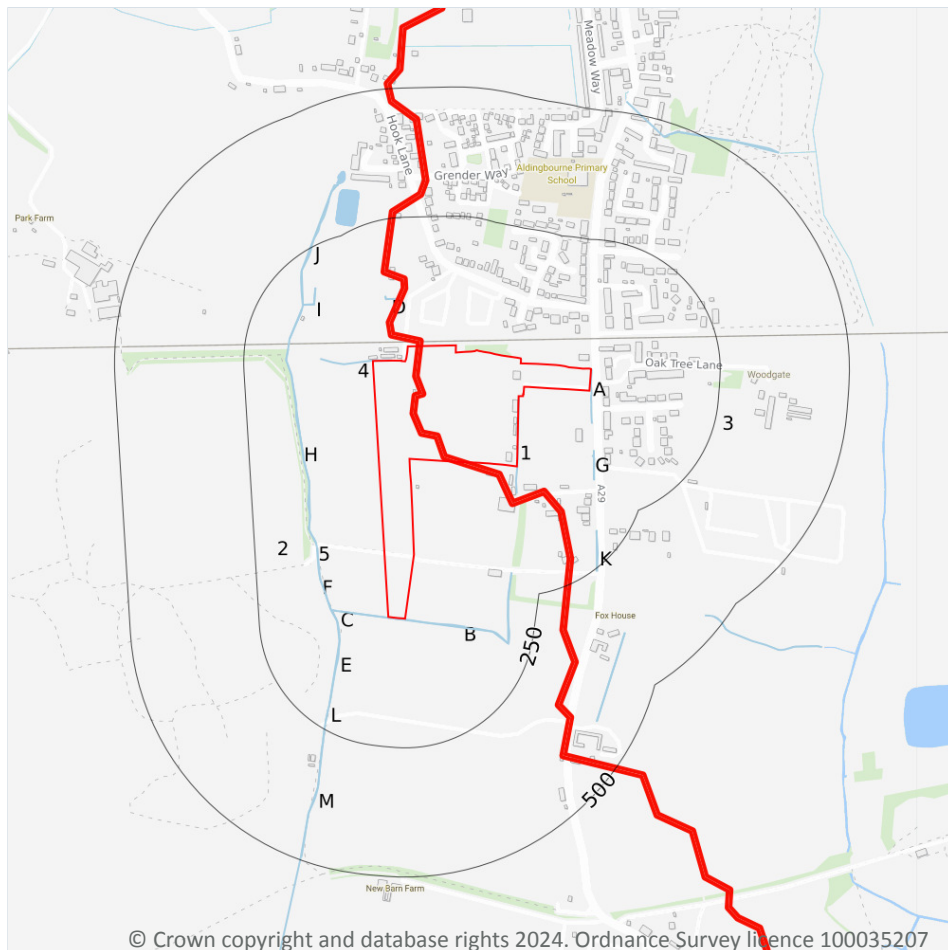
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

29

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

Features are displayed on the Hydrology map on [page 57 >](#)

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

ID	Location	Type of water feature	Ground level	Permanence	Name
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	1m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	1m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	1m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	1m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	2m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	7m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	13m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	26m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	91m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	94m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	98m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	98m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
F	109m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	124m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	129m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	130m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	131m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	158m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	165m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	165m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
I	170m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
J	173m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	197m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	204m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
L	213m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
L	236m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
M	248m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	12
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Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on [page 57 >](#)

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2
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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 57 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River	Aldingbourne Rife	GB107041011980	Western Streams	Arun and Western Streams
3	On site	River	Lidsey Rife	GB107041012010	Western Streams	Arun and Western Streams

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

6.4 WFD Surface water bodies

Records identified	2
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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 57 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	534m NE	River	Lidsey Rife	GB107041012010 ↗	Moderate	Fail	Moderate	2019
-	852m SW	River	Aldingbourne Rife	GB107041011980 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	0
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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.

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

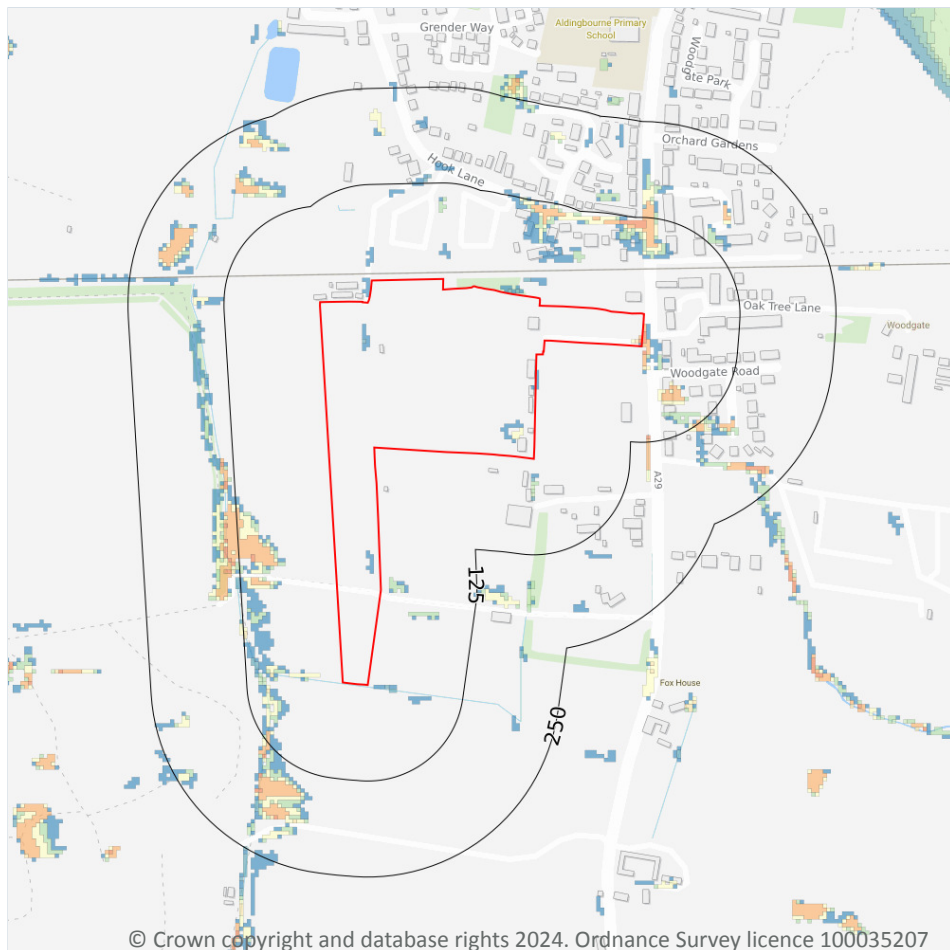
Records within 50m

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



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.3m - 1.0m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 65](#) >

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	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiantal Risk Analytics.