

LAND AT MARL ROAD, KIRKBY, KNOWSLEY, L33 7AP

Order Details

Date: 29/10/2025
Your ref: A7189/RS/01
Our Ref: GS-FK8-5UB-GKU-3ZM

Site Details

Location: 343259 399470
Area: 0.37 ha
Authority: [Knowsley Metropolitan Borough Council](#)
↗



Summary of findings

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

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#) [Insight User Guide](#) ↗

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 >	5	1	4	10	-
16 >	1.2 >	Historical tanks >	2	7	11	31	-
19 >	1.3 >	Historical energy features >	0	1	4	23	-
20	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	Historical garages	0	0	0	0	-
20 >	1.6 >	Historical military land >	1	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
22 >	2.1 >	Historical industrial land uses >	6	1	5	13	-
23 >	2.2 >	Historical tanks >	2	8	14	47	-
26 >	2.3 >	Historical energy features >	0	2	8	34	-
28	2.4	Historical petrol stations	0	0	0	0	-
28	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
29 >	3.1 >	Active or recent landfill >	0	1	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
30	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
30	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
30 >	3.5 >	Historical waste sites >	0	0	0	3	-
31 >	3.6 >	Licensed waste sites >	0	3	3	9	-
35 >	3.7 >	Waste exemptions >	0	0	12	56	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
42 >	4.1 >	Recent industrial land uses >	0	2	22	-	-
44 >	4.2 >	National Geographic Database (NGD) - Current or recent tanks >	0	0	1	-	-
44	4.3	Current or recent petrol stations	0	0	0	0	-
45	4.4	Electricity cables	0	0	0	0	-
45	4.5	Gas pipelines	0	0	0	0	-



45	4.6	Sites determined as Contaminated Land	0	0	0	0	-
45 >	4.7 >	Control of Major Accident Hazards (COMAH) >	0	0	3	2	-
46	4.8	Regulated explosive sites	0	0	0	0	-
46 >	4.9 >	Hazardous substance storage/usage >	0	0	4	4	-
47 >	4.10 >	Historical licensed industrial activities (IPC) >	0	0	0	38	-
52 >	4.11 >	Licensed industrial activities (Part A(1)) >	0	0	0	20	-
55 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	4	1	-
56	4.13	Radioactive Substance Authorisations	0	0	0	0	-
56 >	4.14 >	Licensed Discharges to controlled waters >	0	0	0	3	-
57	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
57	4.16	Pollutant release to public sewer	0	0	0	0	-
57 >	4.17 >	List 1 Dangerous Substances >	0	0	0	2	-
58 >	4.18 >	List 2 Dangerous Substances >	0	0	0	4	-
58 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	1	10	-
60 >	4.20 >	Pollution inventory substances >	0	0	0	1	-
60 >	4.21 >	Pollution inventory waste transfers >	0	0	0	1	-
61	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
62 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
64 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
66 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
67	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
67	5.5	Groundwater vulnerability- local information	None (within 0m)				
68 >	5.6 >	Groundwater abstractions >	0	0	0	3	43
79 >	5.7 >	Surface water abstractions >	0	0	0	0	5
81 >	5.8 >	Potable abstractions >	0	0	0	0	5
82 >	5.9 >	Source Protection Zones >	1	0	0	0	-
82	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m



83	6.1	Water Network (OS MasterMap)	0	0	0	-	-
83 >	6.2 >	Surface water features >	0	0	1	-	-
84 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
84 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
85 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
86 >	7.1 >	Risk of flooding from rivers and the sea >	Medium (within 50m)				
87	7.2	Historical Flood Events	0	0	0	-	-
87	7.3	Flood Defences	0	0	0	-	-
87	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
87	7.5	Flood Storage Areas	0	0	0	-	-
88 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
89 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
90 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
92 >	9.1 >	Groundwater flooding >	Low (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
93	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
94	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
94	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
94	10.4	Special Protection Areas (SPA)	0	0	0	0	0
94	10.5	National Nature Reserves (NNR)	0	0	0	0	0
95 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	1
95	10.7	Designated Ancient Woodland	0	0	0	0	0
95	10.8	Biosphere Reserves	0	0	0	0	0
95	10.9	Forest Parks	0	0	0	0	0
96	10.10	Marine Conservation Zones	0	0	0	0	0
96 >	10.11 >	Green Belt >	0	0	0	1	1



96	10.12	Proposed Ramsar sites	0	0	0	0	0
96	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
97	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
97	10.15	Nitrate Sensitive Areas	0	0	0	0	0
97 >	10.16 >	<u>Nitrate Vulnerable Zones ></u>	1	0	0	0	1
98	10.17	SSSI Impact Risk Zones	0	-	-	-	-
98	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
99	11.1	World Heritage Sites	0	0	0	-	-
99	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
99	11.3	National Parks	0	0	0	-	-
99	11.4	Listed Buildings	0	0	0	-	-
100	11.5	Conservation Areas	0	0	0	-	-
100	11.6	Scheduled Ancient Monuments	0	0	0	-	-
100	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	<u>Agricultural designations ></u>	On site	0-50m	50-250m	250-500m	500-2000m
101 >	12.1 >	<u>Agricultural Land Classification ></u>	Urban (within 250m)				
102	12.2	Open Access Land	0	0	0	-	-
102	12.3	Tree Felling Licences	0	0	0	-	-
102	12.4	Environmental Stewardship Schemes	0	0	0	-	-
102	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
103	13.1	Priority Habitat Inventory	0	0	0	-	-
103	13.2	Habitat Networks	0	0	0	-	-
103	13.3	Open Mosaic Habitat	0	0	0	-	-
103	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	<u>Geology 1:10,000 scale ></u>	On site	0-50m	50-250m	250-500m	500-2000m
104 >	14.1 >	<u>10k Availability ></u>	Identified (within 500m)				
105	14.2	Artificial and made ground (10k)	0	0	0	0	-



106	14.3	Superficial geology (10k)	0	0	0	0	-
106	14.4	Landslip (10k)	0	0	0	0	-
107	14.5	Bedrock geology (10k)	0	0	0	0	-
107	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
108 >	15.1 >	50k Availability >	Identified (within 500m)				
109 >	15.2 >	Artificial and made ground (50k) >	1	0	0	0	-
110 >	15.3 >	Artificial ground permeability (50k) >	1	0	-	-	-
111 >	15.4 >	Superficial geology (50k) >	1	0	3	2	-
112 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
112	15.6	Landslip (50k)	0	0	0	0	-
112	15.7	Landslip permeability (50k)	None (within 50m)				
113 >	15.8 >	Bedrock geology (50k) >	1	0	0	1	-
114 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
114	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
115 >	16.1 >	BGS Boreholes >	0	2	47	-	-
Page	Section	Natural ground subsidence >					
118 >	17.1 >	Shrink swell clays >	Negligible (within 50m)				
119 >	17.2 >	Running sands >	Low (within 50m)				
121 >	17.3 >	Compressible deposits >	Very low (within 50m)				
123 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
124 >	17.5 >	Landslides >	Very low (within 50m)				
125 >	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
127	18.1	BritPits	0	0	0	0	-
128 >	18.2 >	Surface ground workings >	0	1	3	-	-
128	18.3	Underground workings	0	0	0	0	0
128	18.4	Underground mining extents	0	0	0	0	-



128	18.5	Historical Mineral Planning Areas	0	0	0	0	-
129	18.6	Non-coal mining	0	0	0	0	0
129	18.7	JPB mining areas	None (within 0m)				
129	18.8	The Coal Authority non-coal mining	0	0	0	0	-
129	18.9	Researched mining	0	0	0	0	-
130	18.10	Mining record office plans	0	0	0	0	-
130	18.11	BGS mine plans	0	0	0	0	-
130	18.12	Coal mining	None (within 0m)				
130	18.13	Brine areas	None (within 0m)				
130	18.14	Gypsum areas	None (within 0m)				
131	18.15	Tin mining	None (within 0m)				
131	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
132	19.1	Natural cavities	0	0	0	0	-
132	19.2	Mining cavities	0	0	0	0	0
132	19.3	Reported recent incidents	0	0	0	0	-
132	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
134 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
136 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	0	-	-	-
136	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
136	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
137	22.1	Underground railways (London)	0	0	0	-	-
137	22.2	Underground railways (Non-London)	0	0	0	-	-
138	22.3	Railway tunnels	0	0	0	-	-
138 >	22.4 >	Historical railway and tunnel features >	3	6	17	-	-
139	22.5	Royal Mail tunnels	0	0	0	-	-

139 >	22.6 >	Historical railways >	0	0	1	-	-
140 >	22.7 >	Railways >	0	0	6	-	-
140	22.8	Crossrail 2	0	0	0	0	-
140	22.9	HS2	0	0	0	0	-



Recent aerial photograph



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Capture Date: 20/05/2023

Site Area: 0.37ha



Recent site history - 2022 aerial photograph



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Capture Date: 18/10/2022

Site Area: 0.37ha



Recent site history - 2015 aerial photograph

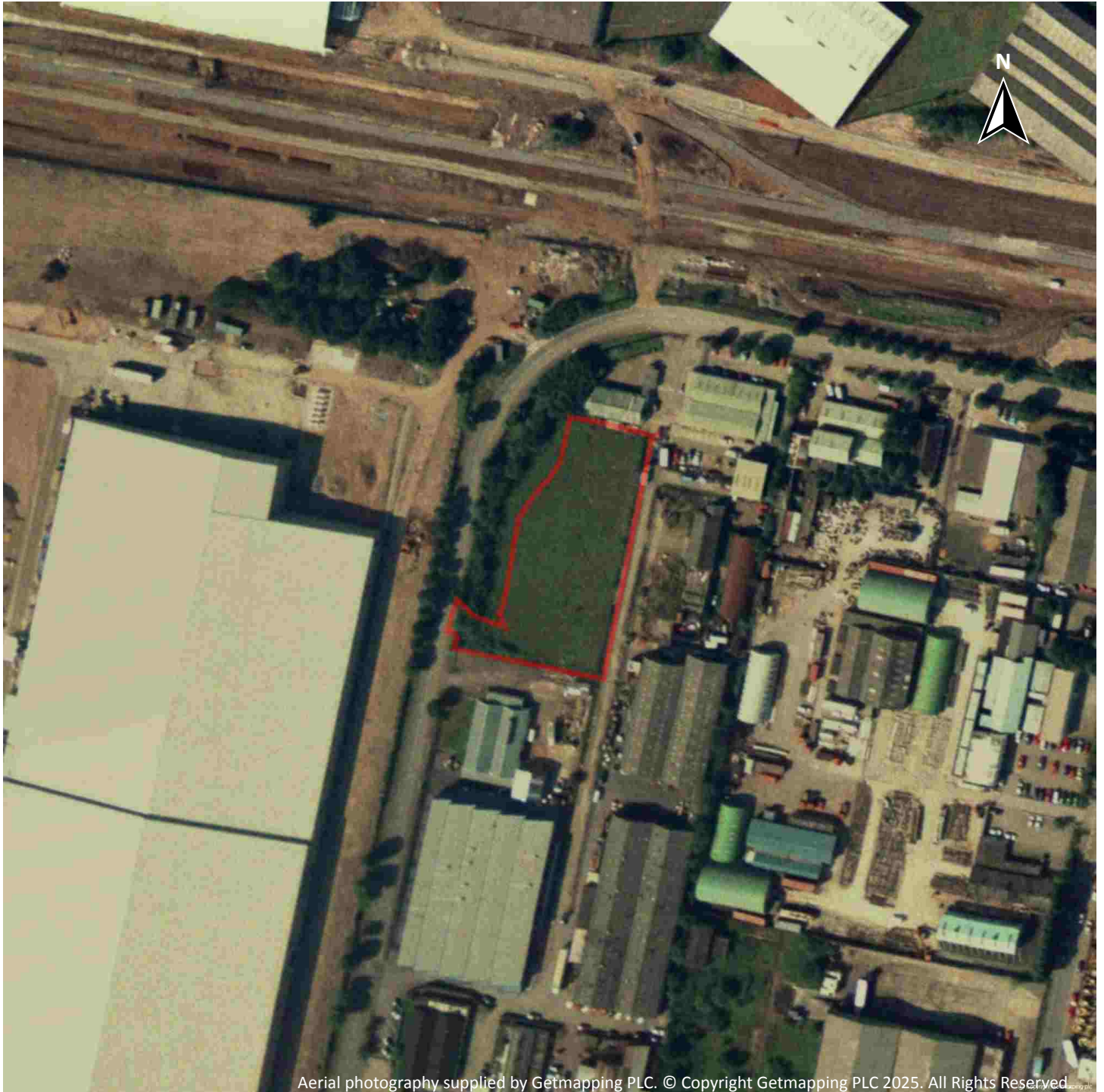


Capture Date: 11/06/2015

Site Area: 0.37ha



Recent site history - 2001 aerial photograph



Capture Date: 01/05/2001

Site Area: 0.37ha



Recent site history - 2000 aerial photograph



Capture Date: 21/07/2000

Site Area: 0.37ha



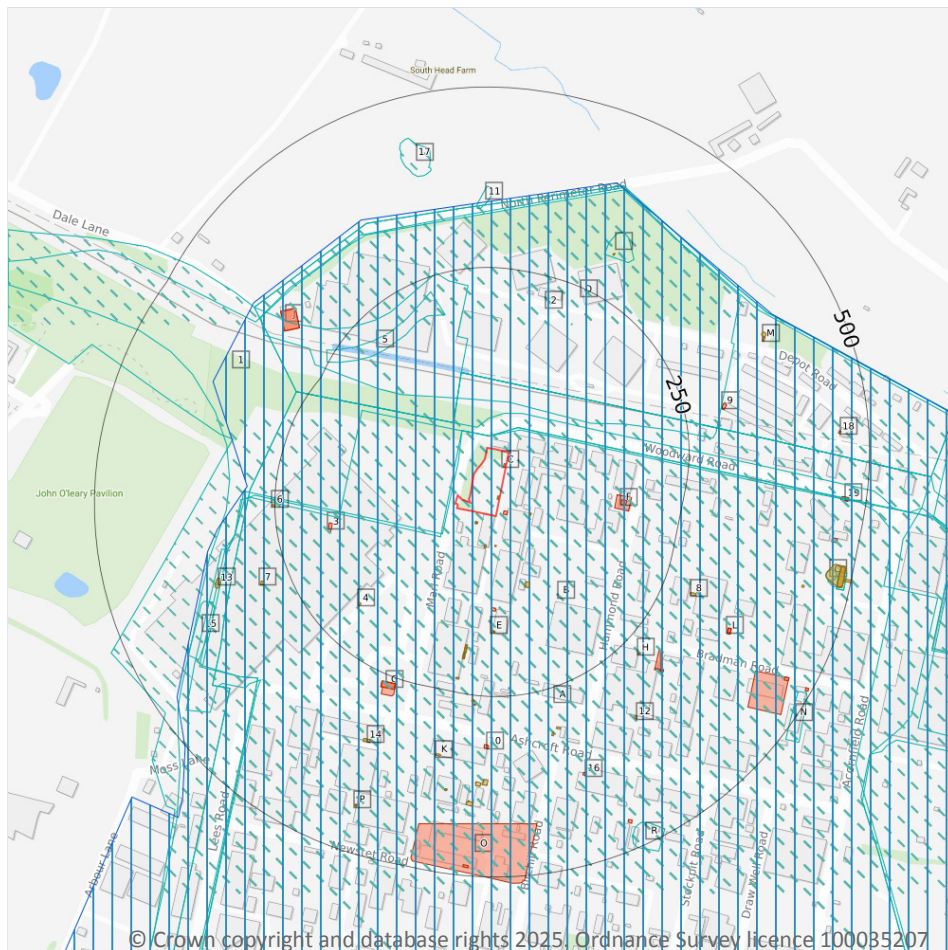
OS MasterMap site plan



Site Area: 0.37ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

20

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
A	On site	Industrial Estate	1966	918975



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Commercial/Industrial	1956	925687
A	On site	Industrial Estate	1988	955430
A	On site	Industrial Estate	1978	992608
B	On site	Railway Sidings	1955 - 1978	2405268
1	32m NW	Railway Sidings	1956	994428
D	58m NW	Unspecified Commercial/Industrial	1956	894867
D	58m NW	Unspecified Commercial/Industrial	1966 - 1978	1000682
2	66m N	Unspecified Commercial/Industrial	1988	930560
5	193m NW	Cuttings	1966	808024
I	305m NE	Unspecified Pit	1966	830663
11	332m N	Marl Pit	1928	857265
15	363m W	Marl Pit	1907 - 1928	984852
17	387m N	Unspecified Pit	1890 - 1907	864145
Q	465m E	Unspecified Tank	1988	974276
Q	465m E	Unspecified Tank	1978	981654
R	470m SE	Unspecified Heap	1966	843735
Q	482m E	Unspecified Tanks	1966 - 1978	884154
Q	482m E	Unspecified Tanks	1988	909096
N	484m SE	Unspecified Heap	1978	843737

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

51

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
C	On site	Tanks	1971	108574
C	On site	Unspecified Tank	1971	114871
C	13m S	Unspecified Tank	1971 - 1986	142705
C	14m S	Unspecified Tank	1994	152542
C	40m S	Unspecified Tank	1971	114872
C	42m S	Unspecified Tank	1971	114869
C	45m E	Unspecified Tank	1994	138510
C	46m E	Unspecified Tank	1971	144479
C	46m E	Unspecified Tank	1986	155787
B	100m SE	Unspecified Tank	1971 - 1994	137082
E	158m S	Unspecified Tank	1994	131537
E	159m S	Unspecified Tank	1986	131344
E	160m S	Unspecified Tank	1971	136693
E	183m S	Tanks	1986	151226
E	183m S	Tanks	1971	129499
4	188m SW	Unspecified Tank	1971	114870
E	195m S	Tanks	1994	148913
E	195m S	Tanks	1971	126556
E	230m S	Unspecified Tank	1971 - 1986	141717
6	249m W	Tanks	1985	108570
E	256m S	Unspecified Tank	1994	154048
E	256m S	Unspecified Tank	1971	134253
E	257m S	Unspecified Tank	1986	141535
E	262m S	Unspecified Tank	1962	137534
E	262m S	Unspecified Tank	1962	143697
H	274m SE	Unspecified Tank	1971	114809
7	287m W	Tanks	1962	136587
8	290m E	Unspecified Tank	1984 - 1994	141485



ID	Location	Land use	Dates present	Group ID
A	304m S	Unspecified Tank	1971	114873
A	310m S	Unspecified Tank	1971	114874
I	310m NE	Tanks	1962	108529
12	337m SE	Unspecified Tank	1971 - 1994	127423
K	339m S	Tanks	1971 - 1994	150744
13	342m W	Tanks	1985	108571
14	343m S	Unspecified Tank	1971 - 1986	152659
K	365m S	Tanks	1971 - 1986	156243
K	369m S	Tanks	1971 - 1986	150610
K	384m S	Unspecified Tank	1986	136464
M	384m NE	Tanks	1976	108528
K	384m S	Unspecified Tank	1971	138798
M	387m NE	Tanks	1976	108527
K	396m S	Tanks	1971 - 1994	128033
P	433m S	Unspecified Tank	1986	146884
P	434m S	Unspecified Tank	1971	126343
P	434m S	Unspecified Tank	1994	155837
Q	435m E	Unspecified Tank	1994	114797
18	458m E	Unspecified Tank	1962 - 1976	135883
Q	464m E	Tanks	1971 - 1984	136521
Q	482m E	Tanks	1962	137211
Q	482m E	Tanks	1962	132489
Q	491m E	Unspecified Tank	1971 - 1984	128132

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

28

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
C	9m E	Electricity Substation	1986 - 1994	75687
E	127m S	Electricity Substation	1986 - 1994	70661
F	159m E	Electricity Substation	1986 - 1994	89096
F	167m E	Electricity Substation	1971	74348
3	172m W	Electricity Substation	1971 - 1994	84811
G	258m S	Electricity Substation	1971	92077
G	258m S	Electricity Substation	1986	84026
G	258m S	Electricity Substation	1994	74104
H	273m SE	Electricity Substation	1986	67750
H	292m SE	Electricity Substation	1971	79985
9	302m E	Electricity Substation	1976 - 1994	87760
H	305m SE	Electricity Substation	1986	90405
J	309m NW	Electricity Substation	1993	80339
J	309m NW	Electricity Substation	1984 - 1985	79005
H	312m SE	Electricity Substation	1992	76777
H	312m SE	Electricity Substation	1984	86758
10	317m S	Electricity Substation	1971 - 1994	82541
L	357m SE	Electricity Substation	1971 - 1992	70211
L	358m SE	Electricity Substation	1994	91197
16	375m S	Electricity Substation	1971	67749
N	419m SE	Electricity Substation	1971	84418



ID	Location	Land use	Dates present	Group ID
O	426m S	Electricity Substation	1994	84595
N	458m SE	Electricity Substation	1971	89202
R	459m SE	Electricity Substation	1971 - 1994	85552
Q	463m E	Electricity Substation	1992 - 1994	83245
19	465m E	Electricity Substation	1992 - 1994	85361
O	485m S	Electricity Substation	1994	79273
N	491m SE	Electricity Substation	1971	66230

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

1

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.

Features are displayed on the Past land use map on [page 15 >](#)

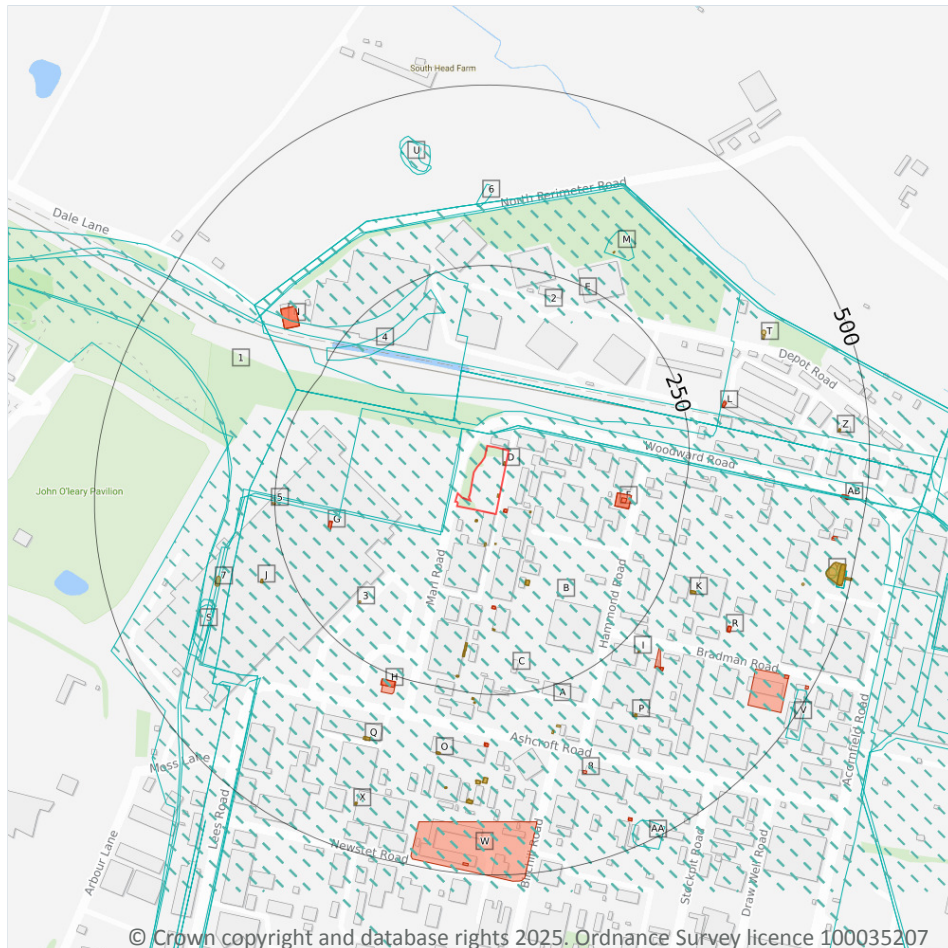


ID	Location	Site Name	Date of Operation	Activities
B	On site	ROF Kirkby	September 1940 - March 1946	Produced approximately 10% of WW2 ammunition; Approximately 23,000 employees; Filling Factory No.7

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

25

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 22](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Industrial Estate	1966	918975
A	On site	Industrial Estate	1978	992608
A	On site	Unspecified Commercial/Industrial	1956	925687



ID	Location	Land Use	Date	Group ID
A	On site	Industrial Estate	1988	955430
B	On site	Railway Sidings	1966	2405268
C	On site	Railway Sidings	1978	2405268
1	32m NW	Railway Sidings	1956	994428
E	58m NW	Unspecified Commercial/Industrial	1966	1000682
E	58m NW	Unspecified Commercial/Industrial	1978	1000682
E	58m NW	Unspecified Commercial/Industrial	1956	894867
2	66m N	Unspecified Commercial/Industrial	1988	930560
4	193m NW	Cuttings	1966	808024
M	305m NE	Unspecified Pit	1966	830663
6	332m N	Marl Pit	1928	857265
S	363m W	Marl Pit	1928	984852
S	366m SW	Marl Pit	1907	984852
U	387m N	Unspecified Pit	1907	864145
U	390m N	Unspecified Pit	1890	864145
Y	465m E	Unspecified Tank	1978	981654
Y	465m E	Unspecified Tank	1988	974276
AA	470m SE	Unspecified Heap	1966	843735
Y	482m E	Unspecified Tanks	1966	884154
Y	482m E	Unspecified Tanks	1978	884154
Y	482m E	Unspecified Tanks	1988	909096
V	484m SE	Unspecified Heap	1978	843737

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

71

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 22](#) >

ID	Location	Land Use	Date	Group ID
D	On site	Tanks	1971	108574
D	On site	Unspecified Tank	1971	114871
D	13m S	Unspecified Tank	1986	142705
D	13m S	Unspecified Tank	1971	142705
D	14m S	Unspecified Tank	1994	152542
D	40m S	Unspecified Tank	1971	114872
D	42m S	Unspecified Tank	1971	114869
D	45m E	Unspecified Tank	1994	138510
D	46m E	Unspecified Tank	1971	144479
D	46m E	Unspecified Tank	1986	155787
B	100m SE	Unspecified Tank	1994	137082
B	100m SE	Unspecified Tank	1971	137082
B	101m SE	Unspecified Tank	1986	137082
C	158m S	Unspecified Tank	1994	131537
C	159m S	Unspecified Tank	1986	131344
C	160m S	Unspecified Tank	1971	136693
C	183m S	Tanks	1986	151226
C	183m S	Tanks	1971	129499
3	188m SW	Unspecified Tank	1971	114870
C	195m S	Tanks	1994	148913
C	195m S	Tanks	1971	126556
C	230m S	Unspecified Tank	1971	141717
C	230m S	Unspecified Tank	1986	141717
5	249m W	Tanks	1985	108570
C	256m S	Unspecified Tank	1994	154048
C	256m S	Unspecified Tank	1971	134253
C	257m S	Unspecified Tank	1986	141535



ID	Location	Land Use	Date	Group ID
C	262m S	Unspecified Tank	1962	137534
C	262m S	Unspecified Tank	1962	143697
I	274m SE	Unspecified Tank	1971	114809
J	287m W	Tanks	1962	136587
J	288m W	Tanks	1962	136587
K	290m E	Unspecified Tank	1984	141485
K	290m E	Unspecified Tank	1992	141485
K	290m E	Unspecified Tank	1994	141485
A	304m S	Unspecified Tank	1971	114873
A	310m S	Unspecified Tank	1971	114874
M	310m NE	Tanks	1962	108529
P	337m SE	Unspecified Tank	1994	127423
P	338m SE	Unspecified Tank	1986	127423
P	339m SE	Unspecified Tank	1971	127423
O	339m S	Tanks	1994	150744
O	339m S	Tanks	1986	150744
O	339m S	Tanks	1971	150744
7	342m W	Tanks	1985	108571
Q	343m S	Unspecified Tank	1986	152659
Q	343m S	Unspecified Tank	1971	152659
O	365m S	Tanks	1986	156243
O	365m S	Tanks	1971	156243
O	369m S	Tanks	1986	150610
O	370m S	Tanks	1971	150610
O	384m S	Unspecified Tank	1986	136464
T	384m NE	Tanks	1976	108528
O	384m S	Unspecified Tank	1971	138798
T	387m NE	Tanks	1976	108527



ID	Location	Land Use	Date	Group ID
O	396m S	Tanks	1994	128033
O	397m S	Tanks	1986	128033
O	398m S	Tanks	1971	128033
X	433m S	Unspecified Tank	1986	146884
X	434m S	Unspecified Tank	1971	126343
X	434m S	Unspecified Tank	1994	155837
Y	435m E	Unspecified Tank	1994	114797
Z	458m E	Unspecified Tank	1962	135883
Z	458m E	Unspecified Tank	1976	135883
Z	458m E	Unspecified Tank	1962	135883
Y	464m E	Tanks	1984	136521
Y	465m E	Tanks	1971	136521
Y	482m E	Tanks	1962	137211
Y	482m E	Tanks	1962	132489
Y	491m E	Unspecified Tank	1984	128132
Y	492m E	Unspecified Tank	1971	128132

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

44

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 22 >](#)

ID	Location	Land Use	Date	Group ID
D	9m E	Electricity Substation	1994	75687
D	10m E	Electricity Substation	1986	75687
C	127m S	Electricity Substation	1994	70661
C	128m S	Electricity Substation	1986	70661



ID	Location	Land Use	Date	Group ID
F	159m E	Electricity Substation	1994	89096
F	159m E	Electricity Substation	1986	89096
F	167m E	Electricity Substation	1971	74348
G	172m W	Electricity Substation	1986	84811
G	173m W	Electricity Substation	1971	84811
G	173m W	Electricity Substation	1994	84811
H	258m S	Electricity Substation	1971	92077
H	258m S	Electricity Substation	1986	84026
H	258m S	Electricity Substation	1994	74104
I	273m SE	Electricity Substation	1986	67750
I	292m SE	Electricity Substation	1971	79985
L	302m E	Electricity Substation	1994	87760
L	302m E	Electricity Substation	1976	87760
I	305m SE	Electricity Substation	1986	90405
N	309m NW	Electricity Substation	1993	80339
N	309m NW	Electricity Substation	1984	79005
N	309m NW	Electricity Substation	1985	79005
I	311m SE	Electricity Substation	1971	79985
I	312m SE	Electricity Substation	1984	86758
I	312m SE	Electricity Substation	1992	76777
O	317m S	Electricity Substation	1994	82541
O	318m S	Electricity Substation	1971	82541
O	318m S	Electricity Substation	1986	82541
R	357m SE	Electricity Substation	1984	70211
R	357m SE	Electricity Substation	1992	70211
R	358m SE	Electricity Substation	1994	91197
R	358m SE	Electricity Substation	1971	70211
8	375m S	Electricity Substation	1971	67749



ID	Location	Land Use	Date	Group ID
V	419m SE	Electricity Substation	1971	84418
W	426m S	Electricity Substation	1994	84595
V	458m SE	Electricity Substation	1971	89202
AA	459m SE	Electricity Substation	1986	85552
AA	459m SE	Electricity Substation	1994	85552
AA	459m SE	Electricity Substation	1971	85552
Y	463m E	Electricity Substation	1992	83245
Y	464m E	Electricity Substation	1994	83245
AB	465m E	Electricity Substation	1992	85361
AB	466m E	Electricity Substation	1994	85361
W	485m S	Electricity Substation	1994	79273
V	491m SE	Electricity Substation	1971	66230

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

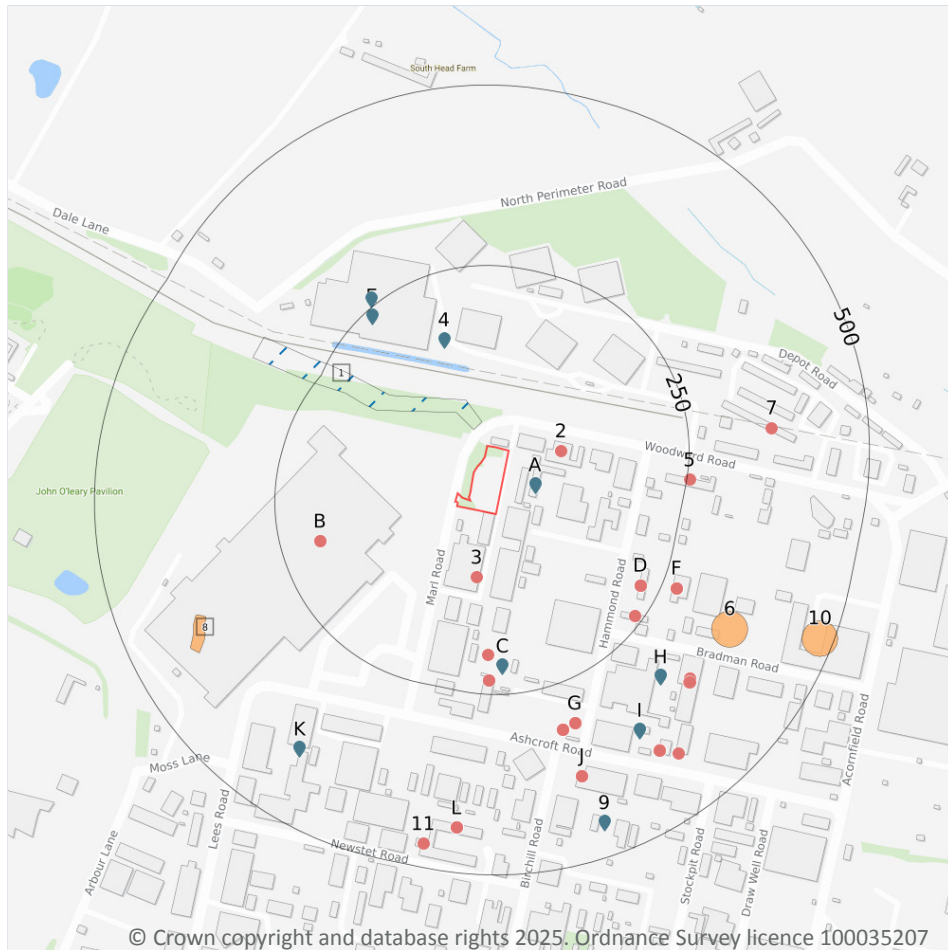
0

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 waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on [page 29](#) >

ID	Location	Details	
1	29m NW	Operator: Knowsley Metropolitan Borough Council Site Address: Knowsley Metropolitan Borough Council, Land/premises At, Marl Roadw/woodward Road, Simonswood, Kirkby, Merseyside, L33 7UH	WML Number: 54257 EPR Reference: 657813 Landfill type: A05: Landfill taking Non-Biodegradeable Wastes Status: Closure IPPC Reference: - EPR Number: EA/EPR/KP3197CA



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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

0

Landfill sites identified from Local Authority records and high detail historical mapping.

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

0

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

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

3.5 Historical waste sites

Records within 500m

3

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

Features are displayed on the Waste and landfill map on [page 29](#) >

ID	Location	Address	Further Details	Date
6	336m SE	Site Address: Vacant Warehouse/Bradman House, Bradman Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UR	Type of Site: Waste Treatment/Transfer Operation Facility Planning application reference: 13/00384/FUL Description: Scheme comprises change of use of vacant unit (use class B8) to form a healthcare waste treatment and transfer operation (use class sui generis) facilitating the treatment and temporary storage of waste prior to being transferred off-site for re-cycling together with external alteration to parts of external building & associated works. Data source: Historic Planning Application Data Type: Point	13/12/2013
8	380m SW	Site Address: N/A	Type of Site: Refuse Pit Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1867
10	456m E	Site Address: SRCL Limited, Acornfield Road/Bradman Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UR, N.WEST	Type of Site: Waste Management Facility Planning application reference: 22/00295/SO Description: Scheme comprises screening opinion for the change of use, alterations and refurbishment to existing waste management facility. Data source: Historic Planning Application Data Type: Point	12/05/2022

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

3.6 Licensed waste sites

Records within 500m	15
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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 29 >](#)



ID	Location	Details		
A	45m E	Site Name: Marl Road Site Address: Marl Roadw/woodward Road, Simonswood, Kirkby, Merseyside, L33 7UH Correspondence Address: Po Box 26, Archway Road, Huyton, Knowsley, Merseyside, L36 9FB	Type of Site: Landfill taking Non-Biodegradable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KNO001 EPR reference: - Operator: Knowsley M B C Waste Management licence No: 54257 Annual Tonnage: 100000	Issue Date: 24/06/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
A	45m E	Site Name: Marl Road/wood Ward Road Inert Landfill Site Address: Land/premises At, Marl Roadw/woodward Road, Simonswood, Kirkby, Merseyside, L33 7UH Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KNO001 EPR reference: EA/EPR/KP3197CA/A001 Operator: Knowsley Metropolitan Borough Council Waste Management licence No: 54257 Annual Tonnage: 100000	Issue Date: 24/06/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
A	45m E	Site Name: Marl Road/wood Ward Road Inert Landfill Site Address: Land/premises At, Marl Roadw/woodward Road, Simonswood, Kirkby, Merseyside, L33 7UH Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 657813 EPR reference: EA/EPR/KP3197CA Operator: Knowsley Metropolitan Borough Council Waste Management licence No: 54257 Annual Tonnage: 100000	Issue Date: 24/06/1992 Effective Date: 24/06/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure
4	158m N	Site Name: Knowsley Rail Transfer Loading Station Site Address: Knowsley Rail T L S, Woodward Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UZ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 659750 EPR reference: EA/EPR/ZP3892EE Operator: Suez Recycling And Recovery Uk Ltd Waste Management licence No: 102932 Annual Tonnage: 500000	Issue Date: 12/03/2012 Effective Date: 12/03/2012 Modified: 12/03/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	212m S	Site Name: Materials Waste Recycling Site Address: Drawell House, Knowsley Industrial Park, Knowsley Industrial Park, Liverpool, L33 7UL Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: 627199 EPR reference: EA/EPR/WE4822AC Operator: Patrick Holdings Limited Waste Management licence No: 120956 Annual Tonnage: 0	Issue Date: 04/12/2024 Effective Date: 04/12/2024 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	240m NW	Site Name: Marl Road Site Address: Marl Road/woodward Road, Simonswood, Kirkby, Merseyside, L33 7UH Correspondence Address: Contract Services Dept, Stretton Way, Huyton Industrial Estate, Huyon, Merseyside, L36 6JF	Type of Site: Landfill taking Non-Biodegradable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: KNO001 EPR reference: - Operator: Knowsley M B C Waste Management licence No: 54257 Annual Tonnage: 0	Issue Date: 24/06/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	258m NW	Site Name: Knowsley Rail Transfer Loading Station Site Address: Knowsley Rail T L S, Woodward Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UZ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIT734 EPR reference: EA/EPR/ZP3892EE/A001 Operator: Sita U K Ltd Waste Management licence No: 102932 Annual Tonnage: 500000	Issue Date: 12/03/2012 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued
H	321m SE	Site Name: Rentokil, Bradman Road Site Address: Knowsley Industrial Park North, Bradman Road, Knowsley, Merseyside, L33 7UR Correspondence Address: Rentokil Initial Corporate Head Office, Felcourt, East Grinstead, West Sussex, RH19 2JY	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REN001 EPR reference: - Operator: Rentokil Ltd Waste Management licence No: 54261 Annual Tonnage: 5000	Issue Date: 09/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
H	321m SE	Site Name: Rentokil, Bradman Road Site Address: Knowsley Industrial Park North, Bradman Road, Knowsley, Merseyside, L33 7UR Correspondence Address: Felcourt, East Grinstead, West Sussex, RH1 2JY	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: REN001 EPR reference: - Operator: Rentokil Group Plc Waste Management licence No: 54261 Annual Tonnage: 0	Issue Date: 09/10/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	321m SE	Site Name: Rentokil Initial U K Ltd Site Address: Rentokil Initial U K Ltd, Bradman Road, Knowsley Ind Park, Liverpool, Merseyside, L33 7UR Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644994 EPR reference: EA/EPR/TP3997CR Operator: Rentokil Initial 1927 Plc Waste Management licence No: 54261 Annual Tonnage: 0	Issue Date: 09/10/1992 Effective Date: 09/10/1992 Modified: - Surrendered Date: 09/10/1992 Expiry Date: - Cancelled Date: - Status: Surrendered
I	360m SE	Site Name: Unit 1 Prestige Complex Site Address: Aschroft Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7TW Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRI031 EPR reference: EA/EPR/BB3906SS/A001 Operator: Triton (North West) Limited Waste Management licence No: 401692 Annual Tonnage: 4999	Issue Date: 18/09/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
I	360m SE	Site Name: Unit 1 Prestige Complex Site Address: Aschroft Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7TW Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 630006 EPR reference: EA/EPR/BB3906SS Operator: Triton (North West) Limited Waste Management licence No: 401692 Annual Tonnage: 4999	Issue Date: 18/09/2014 Effective Date: 18/09/2014 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
K	402m SW	Site Name: Orion Paints Site Address: Manor Complex, Unit 22, Kirkby Bank Road, Kirkby, Liverpool, Merseyside, L33 7SY Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ORI001 EPR reference: EA/EPR/KP3797CX/A001 Operator: Orion Paints Ltd Waste Management licence No: 54258 Annual Tonnage: 50000	Issue Date: 30/07/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
K	402m SW	Site Name: Orion Paints Site Address: 6a Faci uk Woodland works, Ashcroft Road, Kirkby Industrial Estate, liverpool, L33 7TW Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 650116 EPR reference: EA/EPR/KP3797CX Operator: Orion Paints Limited Waste Management licence No: 54258 Annual Tonnage: 50000	Issue Date: 30/07/1992 Effective Date: 30/07/1992 Modified: - Surrendered Date: 30/07/1992 Expiry Date: - Cancelled Date: - Status: Surrendered
9	454m S	Site Name: Unit 9 Lodge Works Site Address: Kirkby Skips Limited, Birchill Road, Kirkby Industrial Estate, Liverpool, Merseyside, L33 7TD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: 627190 EPR reference: EA/EPR/WE8737AB Operator: Lh Waste Removal And Grab Hire Ltd Waste Management licence No: 120748 Annual Tonnage: 0	Issue Date: 23/06/2023 Effective Date: 23/06/2023 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

68

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 29 >](#)



ID	Location	Site	Reference	Category	Sub-Category	Description
2	72m E	Kirkby Hwrc, Depot Road, Knowsley Industrial Park, Kirkby, L33 7uz	WEX308873	Storing waste exemption	Not on a farm	Storage of waste in a secure place
3	92m S	Unit 5, Cornhill Works, Marl Road, Knowsley Industrial Park, Liverpool, L33 7uh	WEX426150	Disposing of waste exemption	Not on a farm	Burning waste in the open
B	196m W	Unit 5/e Cornhill Works Marl Road Liverpool L33 7uh	EPR/JF0005EU /A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
B	196m W	Unit 5/e Cornhill Works Marl Road Liverpool L33 7uh	EPR/JF0005EU /A001	Treating waste exemption	Non-agricultural waste only	Screening and blending of waste
C	197m S	-	WEX444673	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	223m SE	Drawell House, Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX099972	Treating waste exemption	Not on a farm	Recovery of scrap metal
D	223m SE	Drawell House, Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX099972	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	223m SE	Drawell House, Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX099972	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	223m SE	Drawell House, Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX099972	Storing waste exemption	Not on a farm	Storage of waste in secure containers
C	232m S	-	WEX415569	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	232m S	-	WEX415569	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	239m SE	. Hammond Road Liverpool L33 7ul	EPR/HF0734ZE /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
5	254m E	Kirkby Hwrc, Depot Road, Knowsley Industrial Park, Kirkby, L33 7uz	WEX175403	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	270m E	. Hammond Road Liverpool L33 7ul	EPR/TE5258A U/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
F	270m E	. Hammond Road Liverpool L33 7ul	EPR/TE5258A U/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
F	270m E	. Hammond Road Liverpool L33 7ul	EPR/TE5258A U/A001	Treating waste exemption	Non-agricultural waste only	Sorting mixed waste
F	270m E	. Hammond Road Liverpool L33 7ul	EPR/TE5258A U/A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
G	310m S	Drawell House Hammond Road Liverpool Merseyside L33 7ul	EPR/CH0079X C/A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal
G	310m S	Drawell House Hammond Road Liverpool Merseyside L33 7ul	EPR/CH0079X C/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in secure containers
G	310m S	Drawell House Hammond Road Liverpool Merseyside L33 7ul	EPR/CH0079X C/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
G	310m S	Drawell House Hammond Road Liverpool Merseyside L33 7ul	EPR/CH0079X C/A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
G	313m S	-	WEX445929	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	313m S	-	WEX445929	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	313m S	-	WEX445929	Treating waste exemption	Not on a farm	Recovery of scrap metal



ID	Location	Site	Reference	Category	Sub-Category	Description
G	313m S	-	WEX445929	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX185888	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX185888	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX185888	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX185888	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX021667	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX021667	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX021667	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	313m S	Hammond Road, Knowsley Industrial Park, Liverpool, L33 7ul	WEX021667	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	313m S	-	WEX314340	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	313m S	-	WEX314340	Storing waste exemption	Not on a farm	Storage of waste in secure containers
G	313m S	-	WEX314340	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	313m S	-	WEX314340	Treating waste exemption	Not on a farm	Recovery of scrap metal
H	352m SE	Unit 1, Bradman Road, Kirkby Industrial Estate, Knowsley, L33 7ur	WEX287646	Treating waste exemption	Not on a farm	Sorting mixed waste



ID	Location	Site	Reference	Category	Sub-Category	Description
H	352m SE	Unit 1, Bradman Road, Kirkby Industrial Estate, Knowsley, L33 7ur	WEX416822	Treating waste exemption	Not on a farm	Sorting mixed waste
H	355m SE	Unit 1 Bradman House Bradman Road Kirkby Merseyside L33 7ur	EPR/MF0807X Q/A001	Treating waste exemption	Non-agricultural waste only	Sorting mixed waste
H	356m SE	Unit 1 Bradman House, Bradman Road, Kirkby Industrial Estate, Merseyside, L33 7ur	WEX125264	Treating waste exemption	Not on a farm	Sorting mixed waste
7	366m E	-	WEX370890	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
J	382m S	-	WEX299537	Storing waste exemption	Not on a farm	Storage of waste in a secure place
J	382m S	-	WEX299537	Disposing of waste exemption	Not on a farm	Burning waste in the open
J	382m S	-	WEX299537	Treating waste exemption	Not on a farm	Recovery of scrap metal
J	382m S	-	WEX299537	Treating waste exemption	Not on a farm	Sorting mixed waste
I	398m SE	Unit 1 2 Ashcroft Road L33 7tw	EPR/NH0811A A/A001	Treating waste exemption	Non-agricultural waste only	Mechanical treatment of end-of-life tyres
I	399m SE	Able Clearance Recycling, Ashcroft Road, Knowlsey Industrial Estate, Kirkby, L337tw	WEX082476	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	399m SE	Able Clearance Recycling, Ashcroft Road, Knowlsey Industrial Estate, Kirkby, L337tw	WEX082476	Treating waste exemption	Not on a farm	Sorting mixed waste
I	399m SE	Able Clearance Recycling, Ashcroft Road, Knowlsey Industrial Estate, Kirkby, L337tw	WEX082476	Treating waste exemption	Not on a farm	Manual treatment of waste



ID	Location	Site	Reference	Category	Sub-Category	Description
I	399m SE	Able Clearance Recycling, Ashcroft Road, Knowsley Industrial Estate, Kirkby, L337tw	WEX082476	Treating waste exemption	Not on a farm	Recovery of scrap metal
I	418m SE	Pride Point, Knowsley Business Park, Unit 1 Ashcroft Road, Kirkby, L33 7tw	EA/EPR/VP394 4CH/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124735	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124740	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124735	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124740	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124740	Using waste exemption	Not on a farm	Use of waste in construction
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX124740	Using waste exemption	Not on a farm	Use of effluent to clean a highway gravel bed
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115894	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115894	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Storing waste exemption	Not on a farm	Storage of waste in a secure place

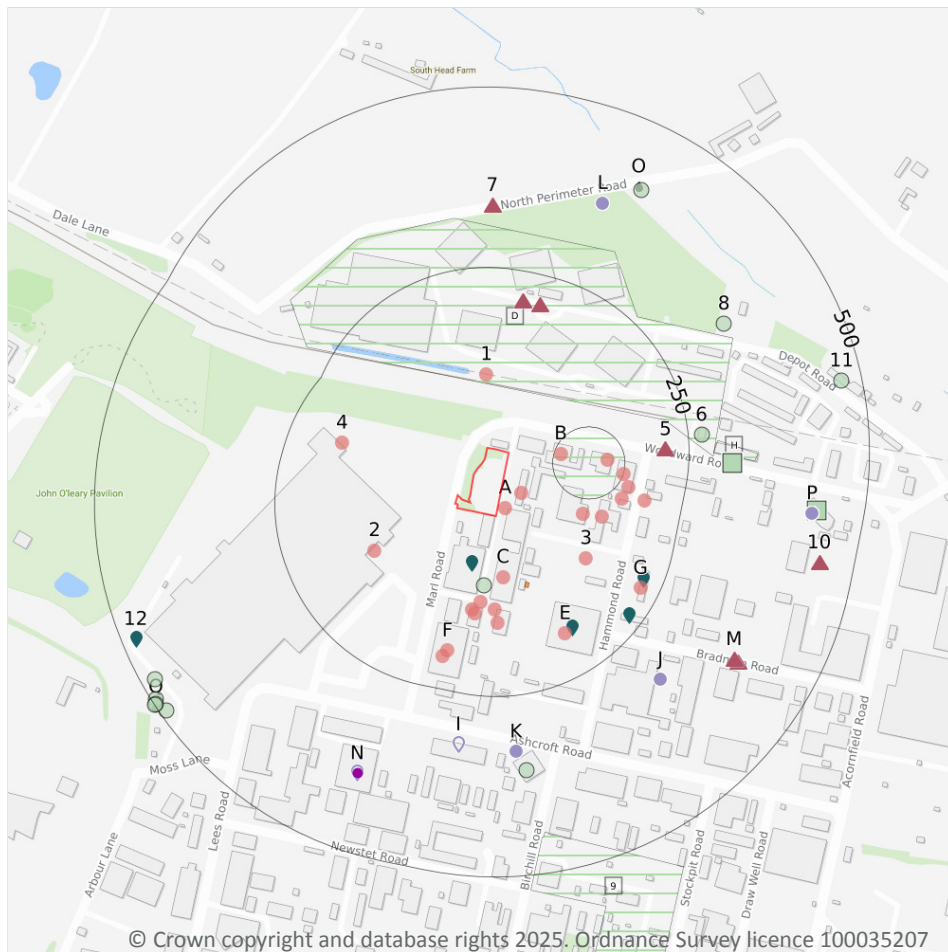


ID	Location	Site	Reference	Category	Sub-Category	Description
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115894	Using waste exemption	Not on a farm	Use of waste in construction
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Using waste exemption	Not on a farm	Use of waste in construction
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Using waste exemption	Not on a farm	Spreading waste on non- agricultural land to confer benefit
L	439m S	Unit 9, Newstet Road, Knowsley Industrial Park, Liverpool, L33 7tj	WEX115899	Using waste exemption	Not on a farm	Use of waste for a specified purpose
11	468m S	Unit 1 Newstet Road Liverpool L33 7tj	EPR/RF0002KZ /A001	Storing waste exemption	Non- agricultural waste only	Storage of waste in a secure place

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
- NGD current or recent tanks
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- List 1 Dangerous Substances
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m

24

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 42](#) >

ID	Location	Company	Address	Activity	Category
A	10m E	Electricity Sub Station	Merseyside, L33	Electrical Features	Infrastructure and Facilities
A	28m E	McKenna	9a Cornhill Works, Marl Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UH	Civil Engineers	Engineering Services



ID	Location	Company	Address	Activity	Category
B	72m E	S T L Building Services	8, Woodward Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UZ	General Construction Supplies	Industrial Products
C	85m S	Tint Wizard	Unit 4 Marl Road Business Centre, Marl Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UH	Industrial Coatings and Finishings	Industrial Products
1	102m N	Pylon	Merseyside, L33	Electrical Features	Infrastructure and Facilities
B	117m E	Blok N Mesh UK Ltd	Hammond Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UL	Fences, Gates and Railings	Industrial Products
C	121m S	Works	Merseyside, L33	Unspecified Works Or Factories	Industrial Features
2	128m SW	Electricity Sub Station	Merseyside, L33	Electrical Features	Infrastructure and Facilities
C	129m S	Electricity Sub Station	Merseyside, L33	Electrical Features	Infrastructure and Facilities
C	133m S	P R Plastics Ltd	2a Cornhill Works, Marl Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UH	General Construction Supplies	Industrial Products
C	138m S	T G L Developments	Unit 2 Cornhill Works, Marl Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UH	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
B	138m E	K M C Packaging & Business Products Ltd	Kmc Packaging 16a, Woodward Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UZ	Packaging	Industrial Products
3	138m SE	Industrial Park	Merseyside, L33	Business Parks and Industrial Estates	Industrial Features
B	144m E	Factory	Merseyside, L33	Unspecified Works Or Factories	Industrial Features
C	147m S	Merseyside Castings & Engineering Co	Unit 3 Cornhill Works, Marl Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UH	Special Purpose Machinery and Equipment	Industrial Products
B	163m E	Artist in Lead	Unit 3, Hammond Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UZ	Glass	Industrial Products
B	167m E	Electricity Sub Station	Merseyside, L33	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
B	172m E	S I P Building Systems Ltd	D B Polymer UK Ltd 1-1a, Hammond Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UZ	General Construction Supplies	Industrial Products
4	176m NW	Electricity Sub Station	Merseyside, L33	Electrical Features	Infrastructure and Facilities
E	189m SE	Factory	Merseyside, L33	Unspecified Works Or Factories	Industrial Features
F	196m S	Bed Factory Contracts	Marl Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UH	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
B	197m E	Mast (Telecommunication)	Merseyside, L33	Telecommunications Features	Infrastructure and Facilities
F	205m S	Factory	Merseyside, L33	Unspecified Works Or Factories	Industrial Features
G	224m SE	Boundry Plant Ltd	Boundary Plant (Hire and Sales) Store and Office, Hammond Road, Knowsley Industrial Park, Kirkby, Merseyside, L33 7UL	Construction and Tool Hire	Hire Services

This data is sourced from Ordnance Survey.

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

Records within 250m

1

Current or recent tanks identified from the Ordnance Survey NGD.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Tank description	Activity	Date first identified
C	100m SE	Roofed Storage Tank	Commercial Activity: Distribution Or Storage	20/06/2014

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.



4.4 Electricity cables

Records within 500m**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m**0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m**0**

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

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m**5**

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.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Company	Address	Operational status	Tier
B	62m E	Archimcya	Archimcya, Woodward Road, Kirkby, L33 7UZ	Historical NIHHS Site	-
B	62m E	Freeman Chemicals Ltd	Freeman Chemicals Ltd, Faraday Road, Knowsley, L33 7UZ	Historical NIHHS Site	-
D	87m N	Potter Logistics Ltd	Potter Logistics Ltd, Knowsley Rail Freight Terminal, Woodward Road, Knowsley Industrial Park, Liverpool, Merseyside, L33 7UZ	Historical NIHHS Site	-
H	284m E	Syntor Fine Chemicals Limited	Syntor Fine Chemicals Limited, Knowsley, Knowsley Industrial Estate, Woodward Road, Kirkby, Merseyside, L33 7UG	Historical COMAH Site	COMAH Lower Tier Operator



ID	Location	Company	Address	Operational status	Tier
9	443m S	Baker Hughes Limited	Baker Hughes Limited, Liverpool, Knowsley Industrial Park, Kirkby Bank Road, Liverpool, Merseyside, L33 7SY	Current COMAH Site	COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

4.8 Regulated explosive sites

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

This data is sourced from the Health and Safety Executive.

4.9 Hazardous substance storage/usage

Records within 500m	8
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Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Details	
D	209m N	Application reference number: 00/00616/HAZ Application status: Approved Application date: 18/10/2000 Address: Henry Diaper & Co Ltd, Lees Road, Liverpool, Merseyside, England, L33 7SE	Details: Application For Hazardous Substances Consent For Storage Of Category 2 (toxics), Category 3 (oxydising) And Category 6 (flammable) Substances Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
D	210m N	Application reference number: 07/00065/HAZ Application status: Historical Consent Application date: 25/01/2007 Address: The Potter Group, Knowsley Rail Freight Terminal, Land Bounded By North Perimeter Road And Woodward Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UZ	Details: Application to increase storage levels of various substances ranging from 'very toxic' to 'any classification' approved under existing consent 06/00470/HAZ Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
D	210m N	Application reference number: 06/00470/HAZ Application status: Approved Application date: 13/06/2006 Address: The Potter Group, Knowsley Rail Freight Terminal, Woodward Road, Knowsley Industrial Estate, Kirkby, Merseyside, England, L33 7UZ	Details: Storage of various substances ranging from 'very toxic' to 'any classification'. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Details	
5	217m E	Application reference number: 99/00672/HSC Application status: Historical Consent Application date: 04/10/1999 Address: Archimica Ltd., Woodward Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UZ	Details: Claim For Deemed Consent For The Storage Of Various Hazardous Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
7	336m N	Application reference number: 06/00470/HAZ Application status: Pending Application date: 13/06/2006 Address: Knowsley Rail Freight Terminal, Land Bounded By North Perimeter Road And Woodward Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UZ	Details: Application For Hazardous Substances Consent For The Storage Of Various Substances Ranging From 'very Toxic' To 'any Classification' Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	385m SE	Application reference number: 02/00761/HAZ Application status: Historical Consent Application date: 02/10/2002 Address: Bradman Manufacturing Ltd, Bradman Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UR	Details: Application For Part A Substances (arsenic trioxide and arsenic (v) acid) Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	391m SE	Application reference number: 02/00043/HAZ Application status: Historical Consent Application date: No Details Address: Bradman Manufacturing Ltd, Bradman House, 6 Bradman Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UR	Details: Application For Hazardous Substances Consent For Part A Substances (arsenic Trioxide) Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
10	452m E	Application reference number: 14/00544/HAZ Application status: Pending Application date: 30/07/2014 Address: Syntor Fine Chemicals, Acornfield Road, Knowsley Industrial Park, Kirkby, Knowsley, L33 7UG	Details: Hazardous Substances consent for storage of substances falling within the following categories; very toxic, toxic, flammable, highly flammable, dangerous to environment and reacts violently with water Enforcement: No Details Date of enforcement: No Details Comment: No Details

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m

38

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.

Features are displayed on the Current industrial land use map on [page 42](#) >



ID	Location	Details	
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: AQ2664	Original Permit Number: IPCAPP Date Approved: 6-6-1995 Effective Date: 13-6-1995 Status: Superseded By Variation
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: AV6043	Original Permit Number: IPCMINVAR Date Approved: 20-5-1996 Effective Date: 21-5-1996 Status: Superseded By Variation
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: BA1559	Original Permit Number: IPCMINVAR Date Approved: 28-11-1997 Effective Date: 5-12-1997 Status: Superseded By Variation
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: BE2107	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: BL3749	Original Permit Number: IPCMINVAR Date Approved: 6-9-2001 Effective Date: 10-9-2001 Status: Superseded By Variation
J	321m SE	Operator: Bradman Road Manufacturing Ltd Address: Bradman Road, Knowsley Industrial Park, Liverpool, L33 7UR Process: Inorganic Chemical Processes Permit Number: BU1741	Original Permit Number: IPCMAJVAR Date Approved: 1-9-2003 Effective Date: 5-9-2003 Status: Revoked
K	328m S	Operator: Kidde Products Ltd Address: Ashcroft Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7TS Process: Inorganic Chemical Processes Permit Number: AI3755	Original Permit Number: IPCAPP Date Approved: 26-7-1993 Effective Date: 26-7-1993 Status: Superseded By Variation
K	328m S	Operator: Kidde Products Ltd Address: Ashcroft Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7TS Process: Inorganic Chemical Processes Permit Number: AO0229	Original Permit Number: IPCAIRAPP Date Approved: 1-11-1994 Effective Date: 8-11-1994 Status: Superseded By Variation
K	328m S	Operator: Kidde Products Ltd Address: Ashcroft Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7TS Process: Inorganic Chemical Processes Permit Number: AR5235	Original Permit Number: IPCMINVAR Date Approved: 6-6-1995 Effective Date: 13-6-1995 Status: Superseded By Variation



ID	Location	Details	
K	328m S	Operator: Kidde Products Ltd Address: Ashcroft Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7TS Process: Inorganic Chemical Processes Permit Number: BC9321	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked
K	328m S	Operator: Kidde Products Ltd Address: Ashcroft Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7TS Process: Inorganic Chemical Processes Permit Number: BD1547	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: AK5946	Original Permit Number: IPCAPP Date Approved: 3-2-1994 Effective Date: 7-2-1994 Status: Superseded By Variation
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: AS6870	Original Permit Number: IPCAIRAPP Date Approved: 23-11-1995 Effective Date: 28-11-1995 Status: Superseded By Variation
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: AV0541	Original Permit Number: IPCMINVAR Date Approved: 6-3-1996 Effective Date: 13-3-1996 Status: Superseded By Variation
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: BB3760	Original Permit Number: IPCMINVAR Date Approved: 8-6-1998 Effective Date: 8-6-1998 Status: Superseded By Variation
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: BD5321	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
L	369m N	Operator: Baker Petrolite Ltd Address: Kirkby Bank Road, Knowsley Industrial Park (north), Liverpool, Merseyside, L33 7SY Process: Manufacture And Use Of Organic Chemicals Permit Number: BE4886	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BC3145	Original Permit Number: IPCMINVAR Date Approved: - Effective Date: - Status: Refused



ID	Location	Details	
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AH1471	Original Permit Number: IPCAPP Date Approved: 21-4-1993 Effective Date: 21-4-1993 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AK9216	Original Permit Number: IPCMINVAR Date Approved: 9-12-1993 Effective Date: 9-12-1993 Status: Superseded By Variation
P	429m E	Operator: Archimica Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Processes Involving Halogens Permit Number: AL8231	Original Permit Number: IPCAIRAPP Date Approved: 15-9-1994 Effective Date: 22-9-1994 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AN1106	Original Permit Number: IPCAPP Date Approved: 11-7-1994 Effective Date: 18-7-1994 Status: Superseded By Variation
P	429m E	Operator: Archimica Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Processes Involving Halogens Permit Number: AO5328	Original Permit Number: IPCAIRAPP Date Approved: 2-11-1994 Effective Date: 9-11-1994 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AQ2125	Original Permit Number: IPCMINVAR Date Approved: 21-2-1995 Effective Date: 23-2-1995 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AQ8131	Original Permit Number: IPCMINVAR Date Approved: 18-4-1995 Effective Date: 25-4-1995 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AR0713	Original Permit Number: IPCMINVAR Date Approved: 4-5-1995 Effective Date: 10-5-1995 Status: Superseded By Variation
P	429m E	Operator: Archimica Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Processes Involving Halogens Permit Number: AS2220	Original Permit Number: IPCMINVAR Date Approved: 1-8-1995 Effective Date: 7-8-1995 Status: Superseded By Variation



ID	Location	Details	
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AT5500	Original Permit Number: IPCMINVAR Date Approved: 21-9-1995 Effective Date: 25-9-1995 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AX6346	Original Permit Number: IPCMINVAR Date Approved: 13-1-1997 Effective Date: 20-1-1997 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: AY3016	Original Permit Number: IPCMINVAR Date Approved: 30-4-1997 Effective Date: 7-5-1997 Status: Superseded By Variation
P	429m E	Operator: Archimica Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Processes Involving Halogens Permit Number: BC7779	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked
P	429m E	Operator: Archimica Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Processes Involving Halogens Permit Number: BD1822	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BD2985	Original Permit Number: IPCMINVAR Date Approved: 25-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BD9068	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BE7001	Original Permit Number: IPCMINVAR Date Approved: 20-11-1998 Effective Date: 20-11-1998 Status: Superseded By Variation
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BE7931	Original Permit Number: IPCMAJVAR Date Approved: 17-2-1999 Effective Date: 19-2-1999 Status: Superseded By Variation



ID	Location	Details	
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BS7226	Original Permit Number: IPCMINVAR Date Approved: 31-3-2003 Effective Date: 1-4-2003 Status: Revoked - Now Ippc
P	429m E	Operator: Organic Intermediates Ltd Address: Woodward Road, Knowsley Industrial Park North, Liverpool, Merseyside, L33 7UZ Process: Manufacture And Use Of Organic Chemicals Permit Number: BS7269	Original Permit Number: IPCMINVAR Date Approved: 31-3-2003 Effective Date: 1-4-2003 Status: Revoked - Now Ippc

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

4.11 Licensed industrial activities (Part A(1))

Records within 500m

20

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 42 >](#)

ID	Location	Details	
I	321m S	Operator: KIDDE PRODUCTS LIMITED Installation Name: Kirkby Firefighting Allophanate Plant Process: CARBON DISULPHIDE OR AMMONIA; AMMONIA RELEASE TO AIR (ANY CHEMICAL MANUFACTURE NOT REFRIDGERANT USE) Permit Number: BU5518IU Original Permit Number: BU5518IU	EPR Reference: EPR/BU5518IU Issue Date: 14/02/2014 Effective Date: 14/02/2014 Last date noted as effective: 28/04/2025 Status: Surrendered
I	321m S	Operator: Kidde Products Ltd Installation Name: Kirkby Firefighting Allophanate Plant Process: CARBON DISULPHIDE OR AMMONIA; AMMONIA RELEASE TO AIR (ANY CHEMICAL MANUFACTURE NOT REFRIDGERANT USE) Permit Number: KP3839EK Original Permit Number: BU5518IU	EPR Reference: - Issue Date: - Effective Date: 14/02/2014 Last date noted as effective: 21/03/2023 Status: Surrender Effective
N	393m S	Operator: FACI UK LIMITED Installation Name: Knowsley Stearate Plant Process: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYL Permit Number: ZP3839LX Original Permit Number: ZP3839LX	EPR Reference: EPR/ZP3839LX Issue Date: 08/12/2006 Effective Date: 08/12/2006 Last date noted as effective: 28/04/2025 Status: Superseded



ID	Location	Details	
N	393m S	Operator: FACI UK CHEMICALS LIMITED Installation Name: Knowsley Stearate Plant EPR/RP3935WL Process: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs Permit Number: RP3935WL Original Permit Number: RP3935WL	EPR Reference: EPR/RP3935WL Issue Date: 21/10/2014 Effective Date: 21/10/2014 Last date noted as effective: 28/04/2025 Status: Effective
P	429m E	Operator: SYNTOR FINE CHEMICALS LIMITED Installation Name: Kirkby Intermediates Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: BU4376IS Original Permit Number: BU4376IS	EPR Reference: EPR/BU4376IS Issue Date: 14/07/2011 Effective Date: 14/07/2011 Last date noted as effective: 28/04/2025 Status: Surrendered
P	429m E	Operator: SYNTOR FINE CHEMICALS LIMITED Installation Name: Kirkby Intermediates Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BU4376IS Original Permit Number: BU4376IS	EPR Reference: EPR/BU4376IS Issue Date: 14/07/2011 Effective Date: 14/07/2011 Last date noted as effective: 28/04/2025 Status: Surrendered
P	429m E	Operator: SYNTOR FINE CHEMICALS LIMITED Installation Name: Kirkby Intermediates Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BU4376IS Original Permit Number: BU4376IS	EPR Reference: EPR/BU4376IS Issue Date: 14/07/2011 Effective Date: 14/07/2011 Last date noted as effective: 28/04/2025 Status: Surrendered
P	429m E	Operator: ORGANIC INTERMEDIATES LTD Installation Name: - Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: BU4376 Original Permit Number: BU4376	EPR Reference: - Issue Date: 17/12/2003 Effective Date: 17/12/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
P	429m E	Operator: ORGANIC INTERMEDIATES LTD Installation Name: - Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: BU4376 Original Permit Number: BU4376	EPR Reference: - Issue Date: 17/12/2003 Effective Date: 17/12/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
P	429m E	Operator: ORGANIC INTERMEDIATES LTD Installation Name: - Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BU4376 Original Permit Number: BU4376	EPR Reference: - Issue Date: 17/12/2003 Effective Date: 17/12/2003 Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS



ID	Location	Details	
P	429m E	Operator: SYNTOR FINE CHEMICALS LTD Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; DYES AND PIGMENTS Permit Number: UP3634MC Original Permit Number: BU4376IS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 03/10/2007 Status: DETERMINATION
P	429m E	Operator: SYNTOR FINE CHEMICALS LTD Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: UP3634MC Original Permit Number: BU4376IS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 03/10/2007 Status: DETERMINATION
P	429m E	Operator: SYNTOR FINE CHEMICALS LTD Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: UP3634MC Original Permit Number: BU4376IS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 03/10/2007 Status: DETERMINATION
P	429m E	Operator: SYNTOR FINE CHEMICALS LTD Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: UP3634MC Original Permit Number: BU4376IS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 03/10/2007 Status: DETERMINATION
P	429m E	Operator: SYNTOR FINE CHEMICALS LTD Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: UP3634MC Original Permit Number: BU4376IS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 03/10/2007 Status: DETERMINATION
P	429m E	Operator: Syntor Fine Chemicals Ltd Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; ANY OTHER ORGANIC COMPOUNDS (NOT DESCRIBED 4.1 A(1)(A)) Permit Number: JP3933BA Original Permit Number: BU4376IS	EPR Reference: - Issue Date: 24/06/2005 Effective Date: 24/06/2005 Last date noted as effective: 21/03/2023 Status: Superseded
P	429m E	Operator: Syntor Fine Chemicals Ltd Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; DYES AND PIGMENTS Permit Number: JP3933BA Original Permit Number: BU4376IS	EPR Reference: - Issue Date: 24/06/2005 Effective Date: 24/06/2005 Last date noted as effective: 21/03/2023 Status: Superseded
P	429m E	Operator: Syntor Fine Chemicals Ltd Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; HALOGEN CONTAINING COMPOUNDS EG HALOCARBONS Permit Number: JP3933BA Original Permit Number: BU4376IS	EPR Reference: - Issue Date: 24/06/2005 Effective Date: 24/06/2005 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
P	429m E	Operator: Syntor Fine Chemicals Ltd Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: JP3933BA Original Permit Number: BU4376IS	EPR Reference: - Issue Date: 24/06/2005 Effective Date: 24/06/2005 Last date noted as effective: 21/03/2023 Status: Superseded
P	429m E	Operator: Syntor Fine Chemicals Ltd Installation Name: ORGANIC INTERMEDIATES LTD Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: JP3933BA Original Permit Number: BU4376IS	EPR Reference: - Issue Date: 24/06/2005 Effective Date: 24/06/2005 Last date noted as effective: 21/03/2023 Status: Superseded

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

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

Records within 500m

5

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

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Address	Details	
C	71m S	DAMS International, Marl Road, Knowsley Industrial Park, Kirkby, L33 7UH	Process: Combustion & Incineration Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
E	187m SE	Boundary Plant Ltd, Hammond Rd, Liverpool, L33 7UL	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	222m SE	North West Fencing Products, Bradman Road, Knowsley Industrial Estate, Kirkby, L33 7UR	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	231m SE	Boundary Plant, Bradman Road, Knowsley Industrial Park, Kirkby, L33 7YB	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
12	481m W	Sonae (UK) Ltd, Moss Lane, Knowsley Industrial Park, Kirkby, L33 7XQ	Process: Manufacture Of Fibre Reinforced Plastics Status: Historical Permit Permit Type: Part A2	Enforcement: Enforcements Notified Date of enforcement: 23/05/2002, 21/10/2003, 06/04/2004, 20/05/2004, 11/06/2004, 12/04/12, 27/3/12, 26/3/12 Comment: Section 13 enforcement. (1st notice), Section 13 enforcement. (2nd notice), Section 13 enforcement. (3rd notice), Section 13 enforcement. (4th notice), Section 13 enforcement. (5th notice)

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.14 Licensed Discharges to controlled waters

Records within 500m

3

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 42 >](#)

ID	Location	Address	Details	
O	410m NE	KNOWSLEY RAIL TRANSFER LOADING STN, WOODWARD ROAD, KNOWSLEY INDUSTRIAL PARK, LIVERPOOL, MERSEYSIDE, L33 7UZ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRCB3995VZ Permit Version: 1 Receiving Water: 2 OUTLETS 2 WATERCOURSES	Status: REVOKED UNDER EPR 2010 Issue date: 14/09/2015 Effective Date: 14/09/2015 Revocation Date: 13/06/2016
O	410m NE	KNOWSLEY RAIL TRANSFER LOADING STN, WOODWARD ROAD, KNOWSLEY INDUSTRIAL PARK, LIVERPOOL, MERSEYSIDE, L33 7UZ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRCB3995VZ Permit Version: 1 Receiving Water: 2 OUTLETS 2 WATERCOURSES	Status: REVOKED UNDER EPR 2010 Issue date: 14/09/2015 Effective Date: 14/09/2015 Revocation Date: 13/06/2016



ID	Location	Address	Details	
Q	500m SW	KIRKBY 72 OUTFALL, KIRBY IE, KIRBY IND EST, MERSEYSIDE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 0166/296 Permit Version: 1 Receiving Water: TO KIRBY BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 29/06/1968 Effective Date: 29/06/1968 Revocation Date: -

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

4.15 Pollutant release to surface waters (Red List)

Records within 500m	0
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Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.16 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

Records within 500m	2
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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.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
P	435m E	Syntor Fine Chemicals, Knowsley Industrial L33 7uz	Active	Stw Partcons	Hexachlorocyclohexane, para-para-DDT, Pentachlorophenol, Aldrin, Dieldrin, Endrin, Isodrin, Hexachlorobenzene, Hexachlorobutadiene, Total DDT
P	435m E	Syntor Fine Chemicals, Knowsley Industrial L33 7uz	Active	Stw Partcons	Mercury (other), Cadmium, Carbon tetrachloride, Chloroform, 1,2-dichloroethane, Trichloroethylene, Perchloroethylene, Trichlorobenzene

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



4.18 List 2 Dangerous Substances

Records within 500m

4

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.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
H	311m E	Nipa Laboratories Ltd, Woodyard Road	Not Active	River Alt	Toluene
H	311m E	Archimica Ltd, Knowsley Industrial Park	Not Active	-	Toluene
H	311m E	Organic Intermediates, Knowsley Industrial	Not Active	-	Toluene, Xylene
P	435m E	Syntor Fine Chemicals, Knowsley Industrial L33 7uz	Active	-	Toluene, Xylene

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

4.19 Pollution Incidents (EA/NRW)

Records within 500m

11

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 42 >](#)

ID	Location	Details	
C	98m S	Incident Date: 07/08/2003 Incident Identification: 179912 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6	268m E	Incident Date: 08/11/2002 Incident Identification: 119566 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
8	348m NE	Incident Date: 08/03/2002 Incident Identification: 62620 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other Animal Matter	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
K	355m S	Incident Date: 18/08/2003 Incident Identification: 182970 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Chemical Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
O	408m NE	Incident Date: 18/03/2002 Incident Identification: 64817 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
11	472m E	Incident Date: 07/08/2001 Incident Identification: 22482 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
Q	481m SW	Incident Date: 10/04/2003 Incident Identification: 150389 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Q	491m SW	Incident Date: 11/11/2002 Incident Identification: 120075 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
Q	494m SW	Incident Date: 12/04/2022 Incident Identification: 2052195 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Q	498m SW	Incident Date: 23/10/2002 Incident Identification: 116277 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material	Water Impact: Category 1 (Major) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
Q	499m SW	Incident Date: 08/11/2002 Incident Identification: 119583 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Natural Organic Material	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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



4.20 Pollution inventory substances

Records within 500m

1

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

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID: N, Location: 393m S, Permit: RP3935WL
 Operator: FACI UK Chemicals Limited
 Activity: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs
 Address: Knowsley Industrial Park Ashcroft Road LIVERPOOL Merseyside L33 7TW
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Zinc	100kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Wastewater	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Air	Zinc	100kg	Below Reporting Threshold

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

4.21 Pollution inventory waste transfers

Records within 500m

1

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.

Features are displayed on the Current industrial land use map on [page 42 >](#)

ID: N, Location: 393m S, Permit: RP3935WL
 Operator: FACI UK Chemicals Limited
 Activity: ORGANIC CHEMICALS; ORGANOMETALLIC COMPOUNDS EG LEAD ALKYLs
 Address: Knowsley Industrial Park Ashcroft Road LIVERPOOL Merseyside L33 7TW
 Sector: Chemicals, Sub-sector: Chemicals
 Releases:



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	6.4	Absolute Value	15 01 03	wooden packaging	No
D1	Deposit into or onto land (eg landfill, etc.)	10.3	Absolute Value	16 03 06	organic wastes other than those mentioned in 16 03 05	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)	17.05	Absolute Value	20 03 01	mixed municipal waste	No
D1	Deposit into or onto land (eg landfill, etc.)	2.97	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes

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

4.22 Pollution inventory radioactive waste

Records within 500m

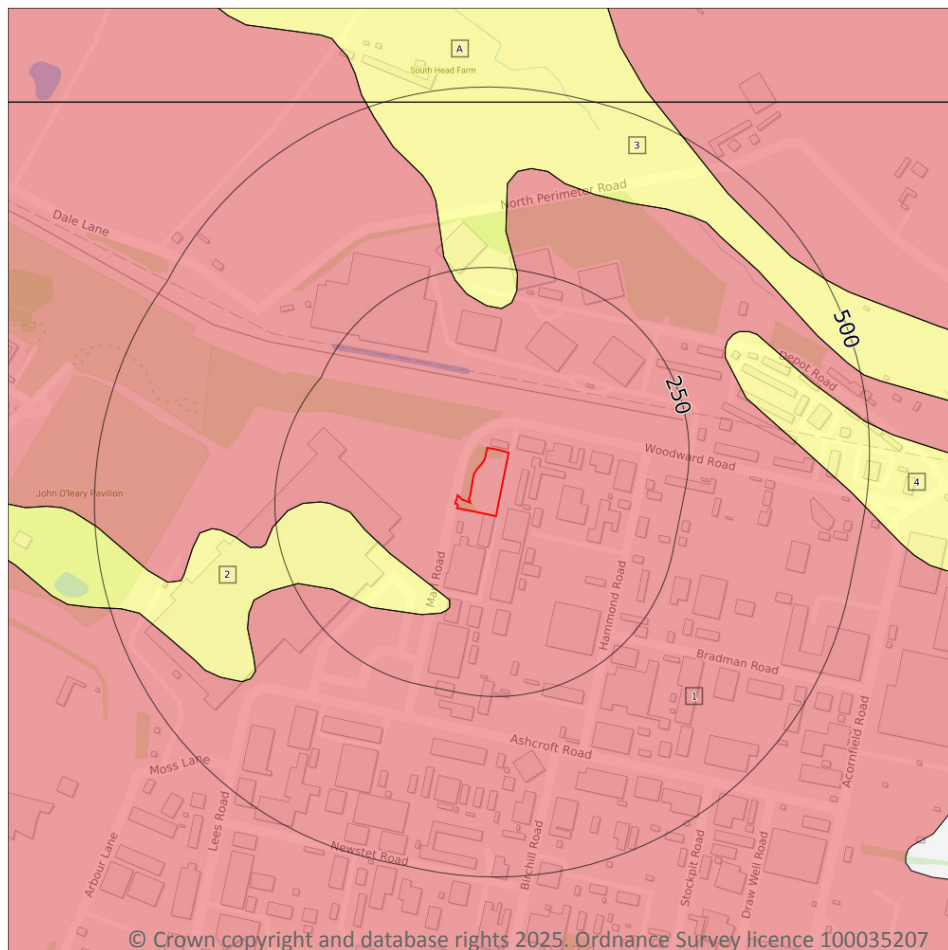
0

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

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



5 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 62](#) >

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	107m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

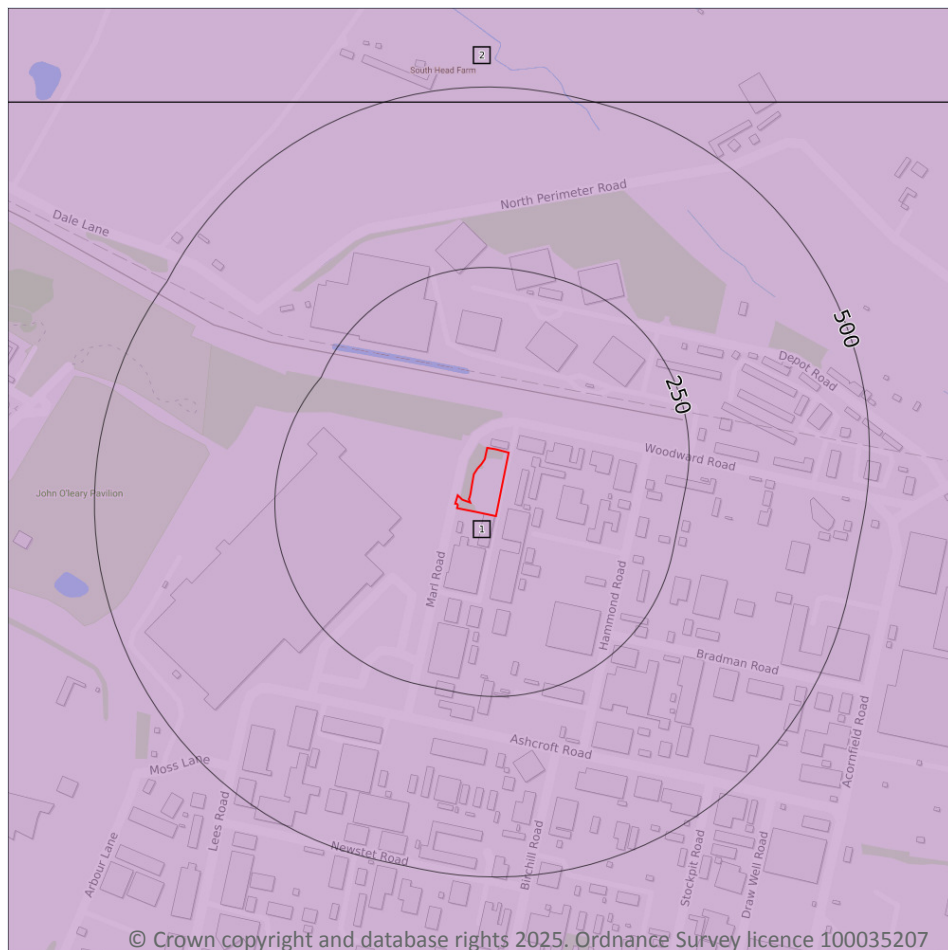


ID	Location	Designation	Description
3	194m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	328m 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
A	479m N	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 64](#) >

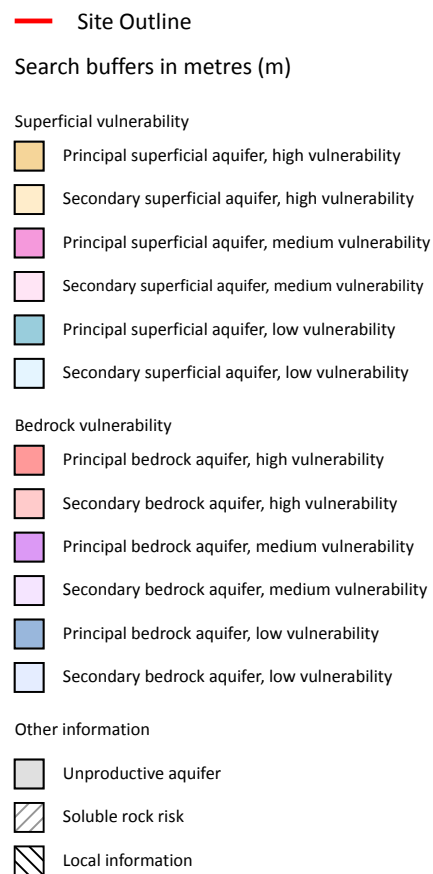
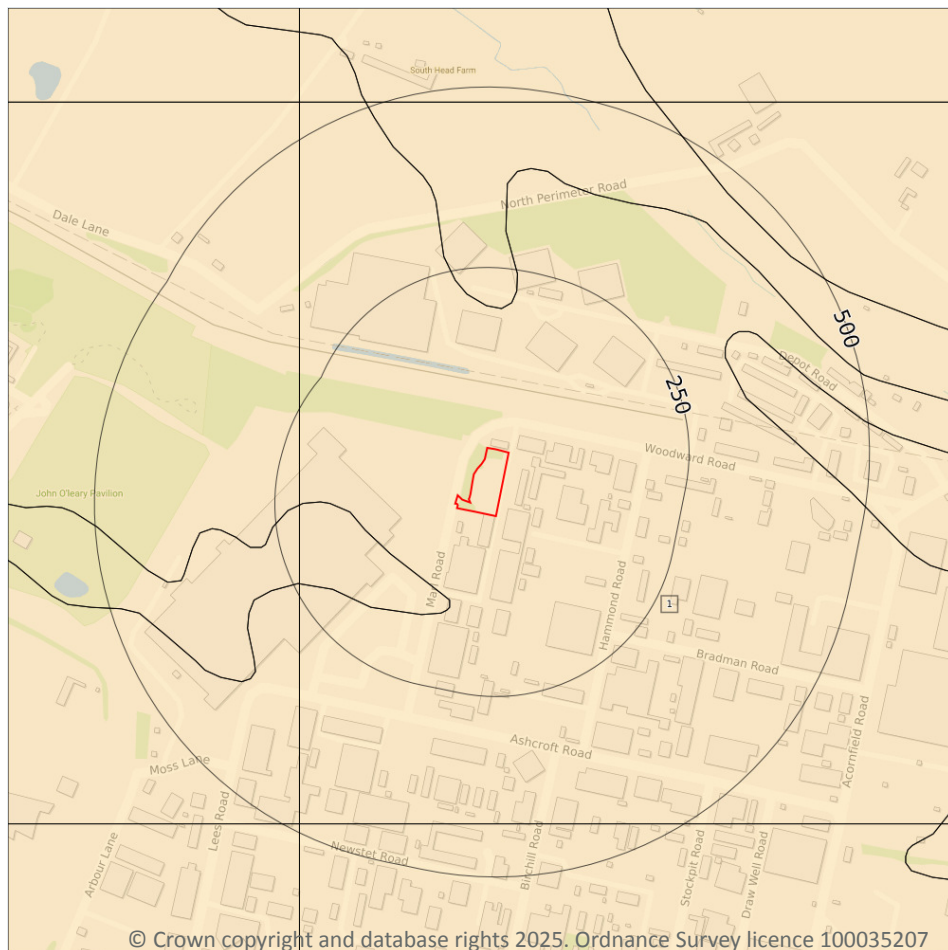
ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	479m N	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers



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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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

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

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



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive 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: Low Aquifer type: Principal Flow mechanism: Mixed

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0
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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.

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

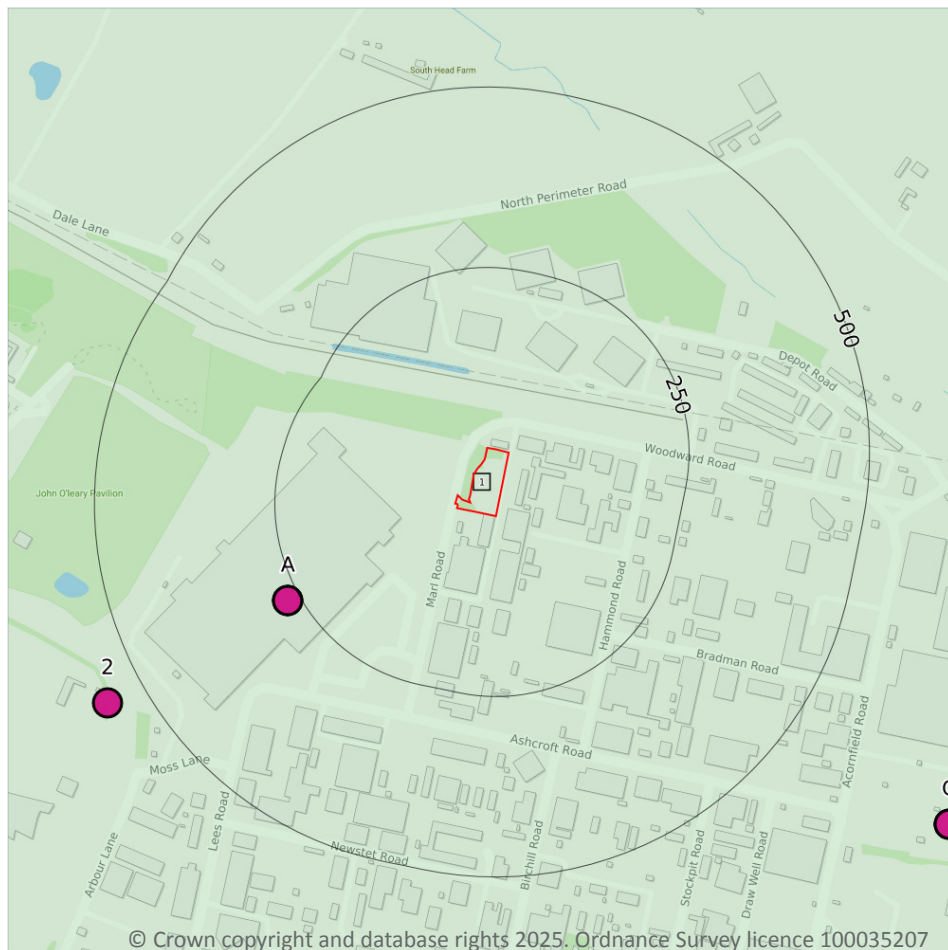
5.5 Groundwater vulnerability- local information

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

46

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 68](#) >



ID	Location	Details	
A	267m SW	Status: Historical Licence No: 2569031146 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: SONAE BOREHOLE, KNOWSLEY, MERSEYSIDE Data Type: Point Name: Sonae (UK) Limited Easting: 342984 Northing: 399310	Annual Volume (m ³): 129600 Max Daily Volume (m ³): 356.53 Original Application No: - Original Start Date: 17/10/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/10/2008 Version End Date: -
A	267m SW	Status: Historical Licence No: 2569031146 Details: Process Water Direct Source: Ground Water - North West Region Point: SONAE BOREHOLE, KNOWSLEY, MERSEYSIDE Data Type: Point Name: Sonae (UK) Limited Easting: 342984 Northing: 399310	Annual Volume (m ³): 129600 Max Daily Volume (m ³): 356.53 Original Application No: - Original Start Date: 17/10/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/10/2008 Version End Date: -
A	267m SW	Status: Historical Licence No: 2569031146 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: SONAE BOREHOLE, KNOWSLEY, MERSEYSIDE Data Type: Point Name: Sonae (UK) Limited Easting: 342984 Northing: 399310	Annual Volume (m ³): 129600 Max Daily Volume (m ³): 356.53 Original Application No: - Original Start Date: 17/10/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/10/2008 Version End Date: -
2	554m SW	Status: Active Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY 2 Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342734 Northing: 399168	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 792 Original Application No: NPS/WR/027992 Original Start Date: 28/09/1999 Expiry Date: - Issue No: 3 Version Start Date: 19/11/2019 Version End Date: -
-	738m S	Status: Active Licence No: 2569031090 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 01/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -



ID	Location	Details	
-	738m S	Status: Active Licence No: 2569031090 Details: Boiler Feed Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 01/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	738m S	Status: Active Licence No: 2569031090 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 01/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	738m S	Status: Historical Licence No: 2569031090 Details: Boiler Feed Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 20/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	738m S	Status: Historical Licence No: 2569031090 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 20/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	738m S	Status: Historical Licence No: 2569031090 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 20/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -



ID	Location	Details	
C	759m SE	Status: Historical Licence No: 2569031011 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT KIRKBY INDUSTRIAL ESTATE KIRKBY, MERSEYSIDE" Data Type: Point Name: PILKINGTON BROTHERS LTD Easting: 343900 Northing: 399000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1966 Version End Date: -
C	759m SE	Status: Historical Licence No: 2569031011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT KIRKBY INDUSTRIAL ESTATE KIRKBY, MERSEYSIDE" Data Type: Point Name: PILKINGTON BROTHERS LTD Easting: 343900 Northing: 399000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1966 Version End Date: -
C	759m SE	Status: Historical Licence No: 2569031011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE KIRKBY, MERSEYSIDE Data Type: Point Name: PILKINGTON BROTHERS LTD Easting: 343900 Northing: 399000	Annual Volume (m ³): 1591135 Max Daily Volume (m ³): 5237.11 Original Application No: - Original Start Date: 28/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1966 Version End Date: -
C	759m SE	Status: Historical Licence No: 2569031011 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE KIRKBY, MERSEYSIDE Data Type: Point Name: PILKINGTON BROTHERS LTD Easting: 343900 Northing: 399000	Annual Volume (m ³): 1591135 Max Daily Volume (m ³): 5237.11 Original Application No: - Original Start Date: 28/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1966 Version End Date: -



ID	Location	Details	
-	819m SE	Status: Active Licence No: 2569031089 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: AMES GOLDSMITH UK LTD Easting: 343800 Northing: 398800	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 340.95 Original Application No: NPS/WR/023235 Original Start Date: 01/07/1988 Expiry Date: - Issue No: 102 Version Start Date: 26/07/2016 Version End Date: -
-	819m SE	Status: Historical Licence No: 2569031089 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: AMES GOLDSMITH UK LTD Easting: 343800 Northing: 398800	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 340.95 Original Application No: - Original Start Date: 01/07/1988 Expiry Date: - Issue No: 101 Version Start Date: 10/11/2006 Version End Date: -
-	1133m SW	Status: Active Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342445 Northing: 398610	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 792 Original Application No: NPS/WR/027992 Original Start Date: 28/09/1999 Expiry Date: - Issue No: 3 Version Start Date: 19/11/2019 Version End Date: -
-	1133m SW	Status: Active Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342445 Northing: 398610	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 792 Original Application No: NPS/WR/027992 Original Start Date: 28/09/1999 Expiry Date: - Issue No: 3 Version Start Date: 19/11/2019 Version End Date: -



ID	Location	Details	
-	1133m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342445 Northing: 398610	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 432 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 2 Version Start Date: 23/10/2014 Version End Date: -
-	1133m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342445 Northing: 398610	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 792 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 3 Version Start Date: 19/11/2019 Version End Date: -
-	1133m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY Data Type: Point Name: Liverpool Football Club & Athletic Grounds Limited Easting: 342445 Northing: 398610	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 792 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 3 Version Start Date: 19/11/2019 Version End Date: -
-	1151m SW	Status: Historical Licence No: 2569031131 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE A AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -



ID	Location	Details	
-	1151m SW	Status: Historical Licence No: 2569031131 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE ""A""AT KIRKBY" Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1151m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: "BOREHOLE ""A""AT KIRKBY" Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1151m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE "A"AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1151m SW	Status: Historical Licence No: 2569031131 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE "A"AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1151m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE A AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342450 Northing: 398580	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -

ID	Location	Details	
-	1152m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: "BOREHOLE ""B""AT KIRKBY" Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1152m SW	Status: Historical Licence No: 2569031131 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE ""B""AT KIRKBY" Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1152m SW	Status: Historical Licence No: 2569031131 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE "B"AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1152m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE "B"AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1152m SW	Status: Historical Licence No: 2569031131 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE B AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -



ID	Location	Details	
-	1152m SW	Status: Historical Licence No: 2569031131 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE B AT KIRKBY Data Type: Point Name: LIVERPOOL FOOTBALL CLUB SOCCER ACADEMY Easting: 342460 Northing: 398570	Annual Volume (m ³): 150000 Max Daily Volume (m ³): 600 Original Application No: - Original Start Date: 28/09/1999 Expiry Date: - Issue No: 1 Version Start Date: 28/09/1999 Version End Date: -
-	1422m N	Status: Historical Licence No: 2569031137 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: PERMO TRIASSIC SANDSTONE AT SIMONSWOOD Data Type: Point Name: CITY CENTRE COMMERCIALS LTD Easting: 343750 Northing: 400860	Annual Volume (m ³): 7000 Max Daily Volume (m ³): 39 Original Application No: - Original Start Date: 09/10/2001 Expiry Date: - Issue No: 1 Version Start Date: 01/04/2008 Version End Date: -
-	1517m N	Status: Active Licence No: 2569031095 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT STOPGATE LANE, SIMONSWOOD, KIRKBY Data Type: Point Name: Simonswood Properties Limited Easting: 343600 Northing: 401000	Annual Volume (m ³): 4546 Max Daily Volume (m ³): 113.65 Original Application No: NPS/WR/030056 Original Start Date: 04/11/1991 Expiry Date: - Issue No: 102 Version Start Date: 18/12/2018 Version End Date: -
-	1517m N	Status: Historical Licence No: 2569031095 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: "BOREHOLE AT STOPGATE LANE,SIMONSWOOD KIRKBY" Data Type: Point Name: EAGERSIGNAL LTD. Easting: 343600 Northing: 401000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/11/1991 Expiry Date: - Issue No: 101 Version Start Date: 01/12/1999 Version End Date: -



ID	Location	Details	
-	1517m N	Status: Historical Licence No: 2569031095 Details: Spray Irrigation - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE AT STOPGATE LANE,SIMONSWOOD KIRKBY Data Type: Point Name: EAGERSIGNAL LTD. Easting: 343600 Northing: 401000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/11/1991 Expiry Date: - Issue No: 101 Version Start Date: 01/12/1999 Version End Date: -
-	1530m N	Status: Active Licence No: 2569031122 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: UNDERGROUND STRATA IN SIMONSWOOD LIVERPOOL Data Type: Point Name: Simonswood Properties Limited Easting: 343820 Northing: 400950	Annual Volume (m ³): 12000 Max Daily Volume (m ³): 100 Original Application No: NPS/WR/030055 Original Start Date: 12/08/1996 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2021 Version End Date: -
-	1571m N	Status: Historical Licence No: 2569031122 Details: Dust suppression Direct Source: Ground Water - North West Region Point: UNDERGROUND STRATA IN SIMONSWOOD LIVERPOOL Data Type: Point Name: S J DOYLE & COMPANY DEMOLITION LTD Easting: 343800 Northing: 401000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/08/1996 Expiry Date: - Issue No: 100 Version Start Date: 12/08/1996 Version End Date: -
-	1571m N	Status: Historical Licence No: 2569031122 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: UNDERGROUND STRATA IN SIMONSWOOD LIVERPOOL Data Type: Point Name: Simonswood Properties Limited Easting: 343800 Northing: 401000	Annual Volume (m ³): 12000 Max Daily Volume (m ³): 100 Original Application No: - Original Start Date: 12/08/1996 Expiry Date: - Issue No: 101 Version Start Date: 18/12/2018 Version End Date: -



ID	Location	Details	
-	1670m N	Status: Active Licence No: NW/069/0031/008 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE - SHERWOOD SANDTONE - SIMONSWOOD Data Type: Point Name: United Utilities Water Ltd Easting: 343580 Northing: 401160	Annual Volume (m ³): 1464000 Max Daily Volume (m ³): 8000 Original Application No: NPS/WR/010887 Original Start Date: 09/11/2017 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 26/11/2018 Version End Date: -
-	1834m W	Status: Historical Licence No: 2569031018 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "WELL,BOREHOLE AND WELL WITH BOREHOLEAT KIRKBY PUMPING STATIO" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 341400 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/01/1995 Version End Date: -
-	1834m W	Status: Historical Licence No: 2569031018 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: WELL,BOREHOLE AND WELL WITH BOREHOLEAT KIRKBY PUMPING STATIO Data Type: Point Name: UNITED UTILITIES WATER LTD Easting: 341400 Northing: 399700	Annual Volume (m ³): 2488990 Max Daily Volume (m ³): 6819.15 Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/01/1995 Version End Date: -
-	1870m NE	Status: Active Licence No: 2569031093 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT NEWBRIDGE FARM, SIMONSWOOD Data Type: Point Name: R DRAPER LTD Easting: 344100 Northing: 401200	Annual Volume (m ³): 36368 Max Daily Volume (m ³): 100 Original Application No: C2813 FV2 Original Start Date: 12/06/1991 Expiry Date: - Issue No: 101 Version Start Date: 12/12/2005 Version End Date: -



ID	Location	Details	
-	1870m NE	Status: Active Licence No: 2569031093 Details: Dust Suppression Direct Source: Ground Water - North West Region Point: BOREHOLE AT NEWBRIDGE FARM, SIMONSWOOD Data Type: Point Name: R DRAPER LTD Easting: 344100 Northing: 401200	Annual Volume (m ³): 36368 Max Daily Volume (m ³): 100 Original Application No: C2813 FV2 Original Start Date: 12/06/1991 Expiry Date: - Issue No: 101 Version Start Date: 12/12/2005 Version End Date: -
-	1870m NE	Status: Historical Licence No: 2569031093 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT NEWBRIDGE FARM, SIMONSWOOD" Data Type: Point Name: R DRAPER LTD Easting: 344100 Northing: 401200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/06/1991 Expiry Date: - Issue No: 100 Version Start Date: 02/08/1996 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	5
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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 68](#) >

ID	Location	Details	
-	818m E	Status: Active Licence No: 2569031068 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: UNNAMED TRIBUTARY OF SIMONSWOOD BROOK AT KIRKBY Data Type: Line Name: BERRY BROS FARMS LTD Easting: 344100 Northing: 399400	Annual Volume (m ³): 45460 Max Daily Volume (m ³): 1000.12 Original Application No: 2668 Original Start Date: 14/06/1984 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2021 Version End Date: -



ID	Location	Details	
-	818m E	Status: Historical Licence No: 2569031068 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: UNNAMED TRIB OF SIMONSWOOD BRK AT KIRKBY Data Type: Line Name: BERRY BROS FARMS LTD Easting: 344100 Northing: 399400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/06/1984 Expiry Date: - Issue No: 100 Version Start Date: 14/06/1984 Version End Date: -
-	1894m N	Status: Historical Licence No: 2569031048 Details: Spray Irrigation - Direct Direct Source: "Surface, Non-Tidal - North West Region" Point: "SIMONSWOOD BRK AT DAIRY FARM, RAINFORD, ST HELENS," Data Type: Line Name: B HEYES & SON Easting: 343500 Northing: 401400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/08/1980 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1990 Version End Date: -
-	1894m N	Status: Historical Licence No: 2569031048 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: SIMONSWOOD BRK AT DAIRY FARM, RAINFORD, ST HELENS Data Type: Line Name: B HEYES & SON Easting: 343500 Northing: 401400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 14/08/1980 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1990 Version End Date: -
-	1894m N	Status: Historical Licence No: 2569031048 Details: Spray Irrigation - Direct Direct Source: Surface, Non-Tidal - North West Region Point: SIMONSWOOD BROOK AT DAIRY FARM RAINFORD ST HELENS Data Type: Line Name: B HEYES & SON Easting: 343500 Northing: 401400	Annual Volume (m ³): 100157.472 Max Daily Volume (m ³): 654.624 Original Application No: - Original Start Date: 14/08/1980 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1990 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

5

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 68 >](#)

ID	Location	Details	
-	738m S	Status: Active Licence No: 2569031090 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 01/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	738m S	Status: Historical Licence No: 2569031090 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT KIRKBY INDUSTRIAL ESTATE Data Type: Point Name: Baker Hughes Limited Easting: 343400 Northing: 398700	Annual Volume (m ³): 250030 Max Daily Volume (m ³): 818.28 Original Application No: NPS/WR/006045 Original Start Date: 20/01/1989 Expiry Date: - Issue No: 101 Version Start Date: 18/03/2011 Version End Date: -
-	1670m N	Status: Active Licence No: NW/069/0031/008 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE - SHERWOOD SANDTONE - SIMONSWOOD Data Type: Point Name: United Utilities Water Ltd Easting: 343580 Northing: 401160	Annual Volume (m ³): 1464000 Max Daily Volume (m ³): 8000 Original Application No: NPS/WR/010887 Original Start Date: 09/11/2017 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	1834m W	Status: Historical Licence No: 2569031018 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "WELL,BOREHOLE AND WELL WITH BOREHOLEAT KIRKBY PUMPING STATIO" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 341400 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/01/1995 Version End Date: -
-	1834m W	Status: Historical Licence No: 2569031018 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: WELL,BOREHOLE AND WELL WITH BOREHOLEAT KIRKBY PUMPING STATIO Data Type: Point Name: UNITED UTILITIES WATER LTD Easting: 341400 Northing: 399700	Annual Volume (m ³): 2488990 Max Daily Volume (m ³): 6819.15 Original Application No: - Original Start Date: 16/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/01/1995 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	1
----------------------------	----------

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on [page 68 >](#)

ID	Location	Type	Description
1	On site	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0
----------------------------	----------

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

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



6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

1

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 83](#) >

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1
------------------------	----------

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

Features are displayed on the Hydrology map on [page 83](#) >

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River	Simonswood Brook	GB112069060630	Alt	Alt and Crossens

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

6.4 WFD Surface water bodies

Records identified	1
---------------------------	----------

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

Features are displayed on the Hydrology map on [page 83](#) >

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1906m N	River	Simonswood Brook	GB112069060630 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

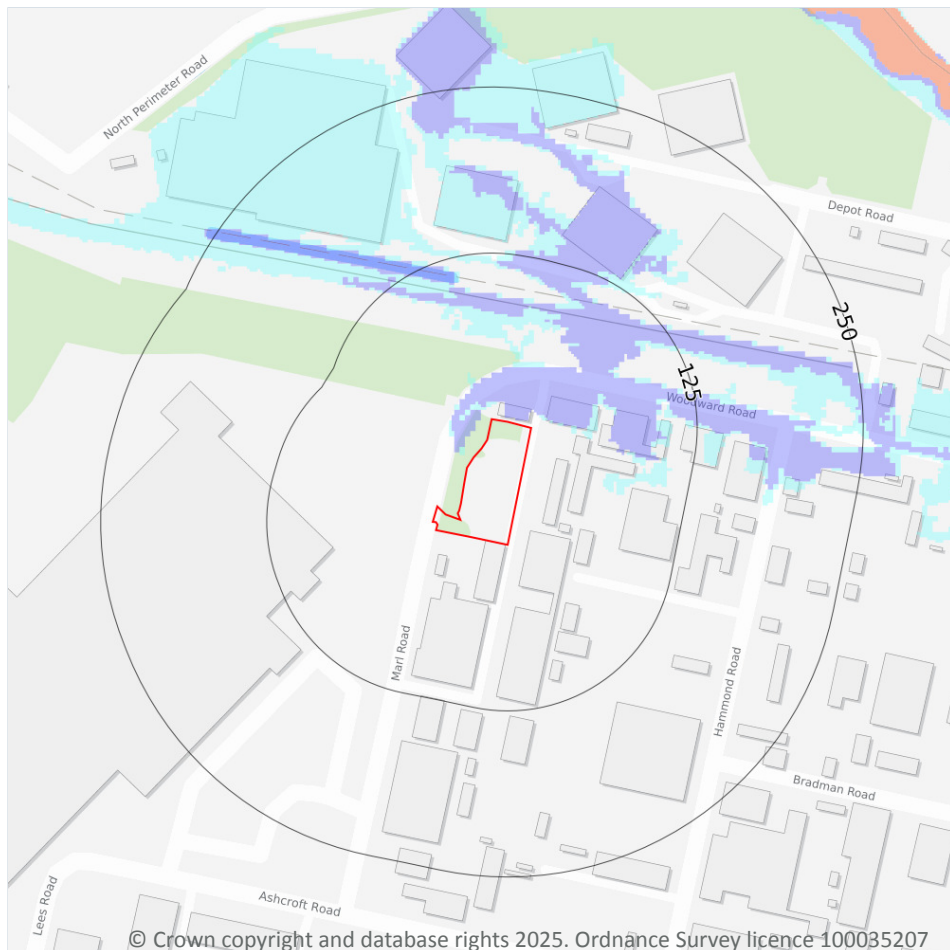
Features are displayed on the Hydrology map on [page 83](#) >

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers	GB41201G101700 ↗	Poor	Poor	Poor	2019

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



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

2

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

Features are displayed on the River and coastal flooding map on [page 86 >](#)

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

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



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

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on [page 86 >](#)

Location	Type
7m NW	Zone 2 - (Fluvial /Tidal Models)

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



7.7 Flood Zone 3

Records within 50m

1

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

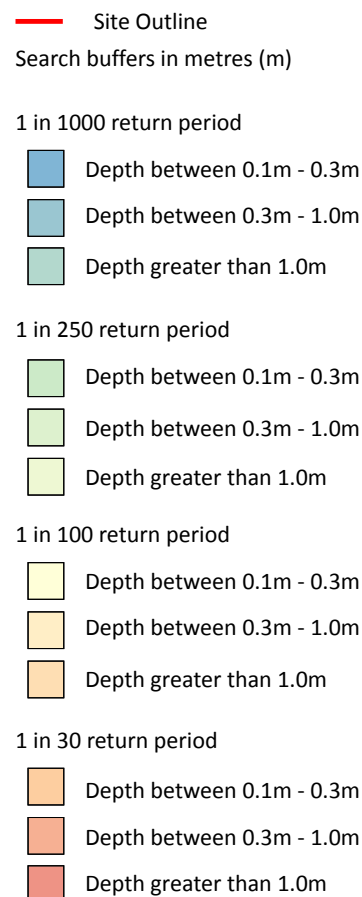
Features are displayed on the River and coastal flooding map on [page 86](#) >

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

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 90 >](#)

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

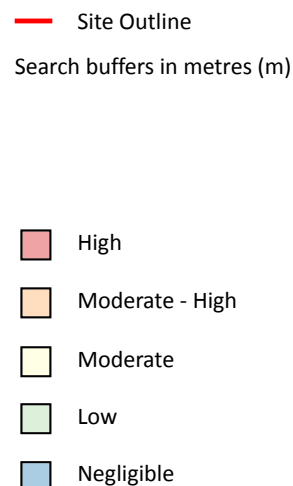
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

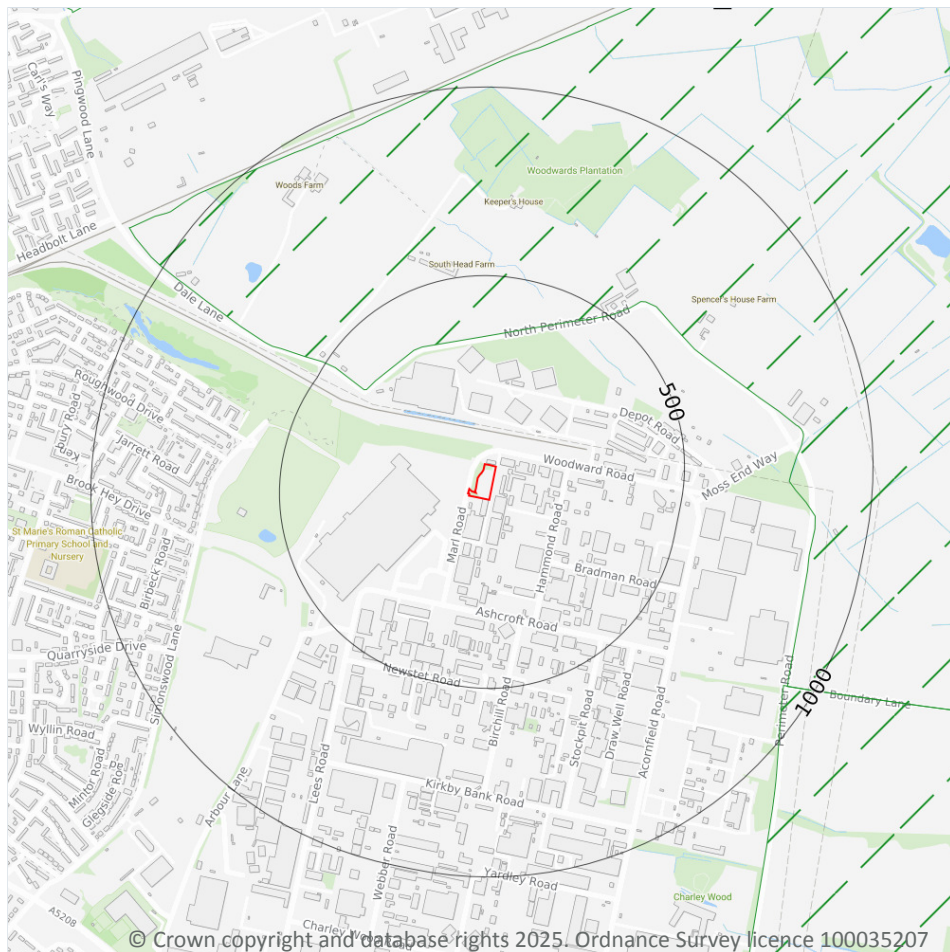
Low

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

Features are displayed on the Groundwater flooding map on [page 92 >](#)

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)
- Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on [page 93 >](#)

ID	Location	Name	Data source
-	1431m S	Acornfield Plantation	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

2

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

Features are displayed on the Environmental designations map on [page 93](#) >

ID	Location	Name	Local Authority name
1	334m N	Merseyside and Greater Manchester Green Belt	West Lancashire
2	923m SE	Merseyside and Greater Manchester Green Belt	Knowsley

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m**0**

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m**0**

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m**2**

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

Location	Name	Type	NVZ ID	Status
On site	ALT NVZ	Surface Water	642	Existing
802m E	ALT NVZ	Surface Water	642	Existing

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



SSSI Impact Zones and Units

10.17 SSSI Impact Risk Zones

Records on site	0
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Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

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

11.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

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

11.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m

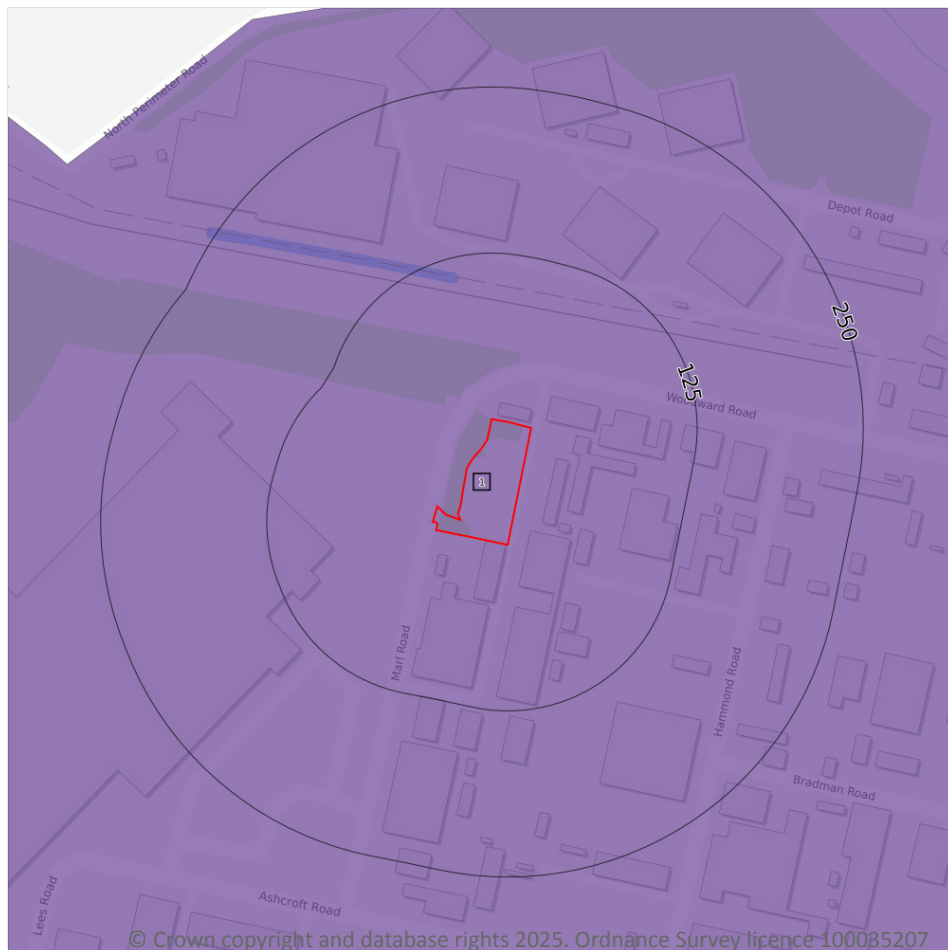
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on [page 101](#) >

ID	Location	Classification	Description
1	On site	Urban	Non-agricultural/no quality assigned

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m**0**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

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

12.3 Tree Felling Licences

Records within 250m**0**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m**0**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m**0**

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

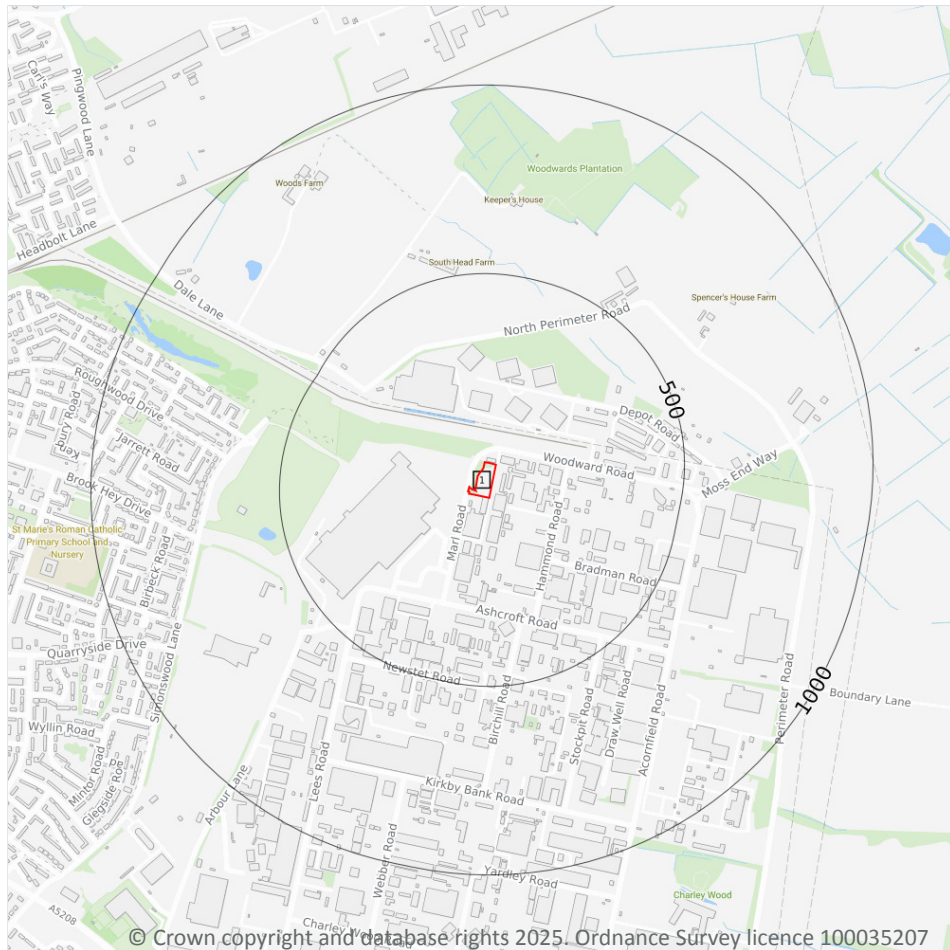
0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

1

An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 104](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Artificial and made ground

14.2 Artificial and made ground (10k)

Records within 500m

0

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

0

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock

14.5 Bedrock geology (10k)

Records within 500m

0

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

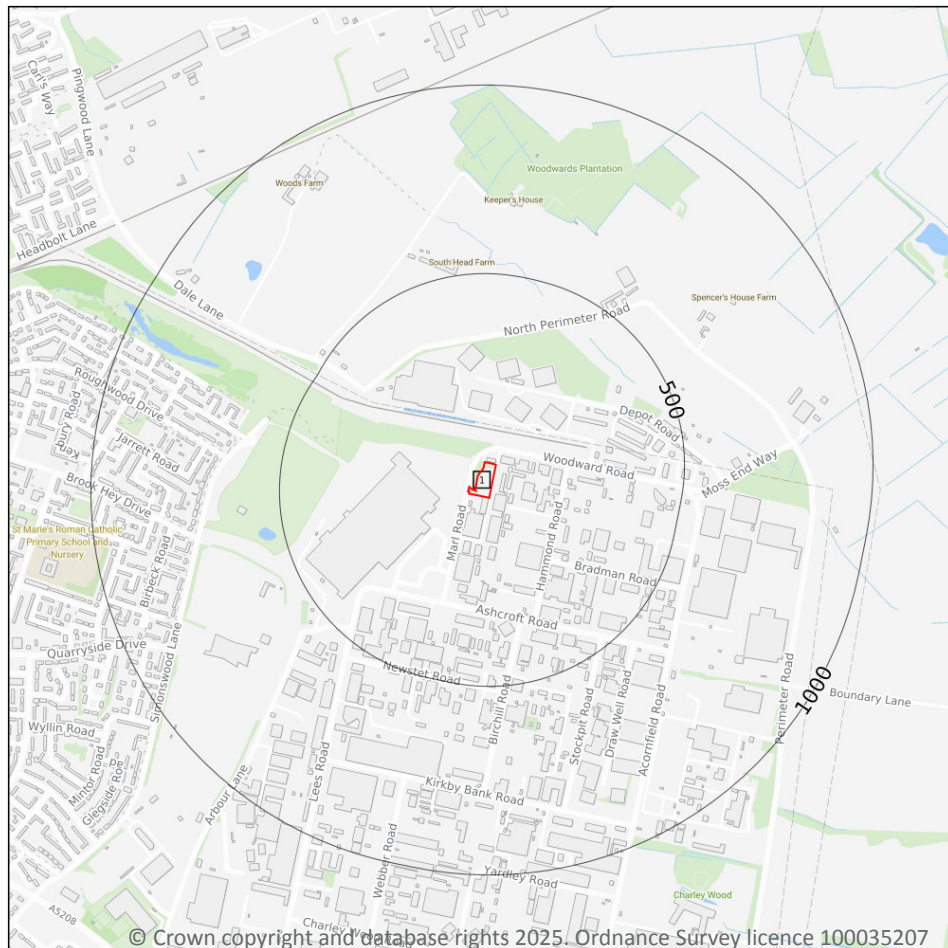
0

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

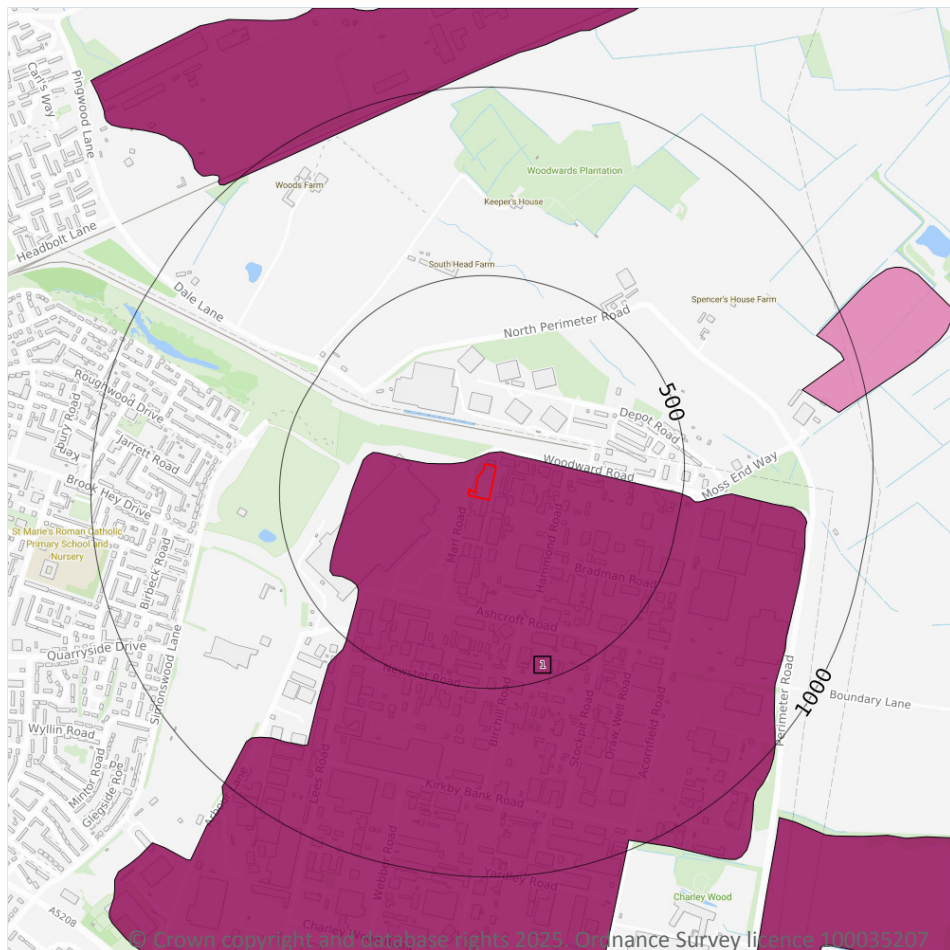
Features are displayed on the Geology 1:50,000 scale - Availability map on [page 108](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW084_wigan_v4

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Artificial and made ground



- Site Outline**
- Search buffers in metres (m)**
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

1

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on [page 109](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.



15.3 Artificial ground permeability (50k)

Records within 50m

1

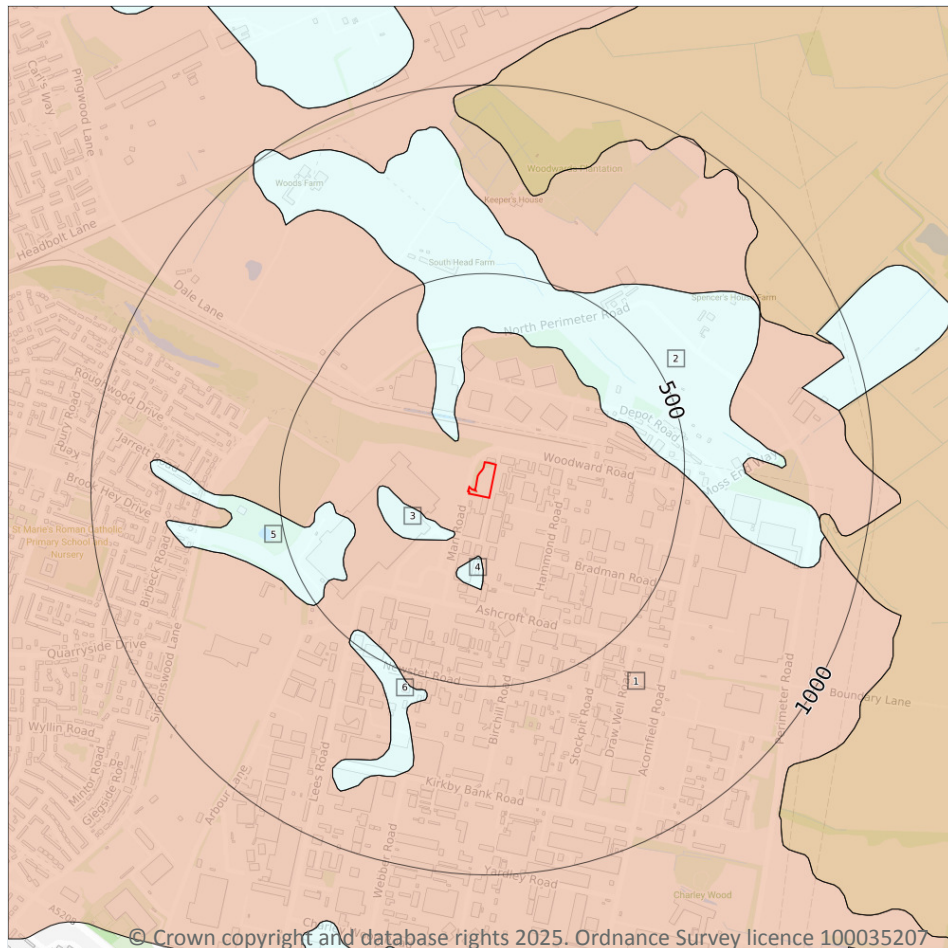
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	Very High	Low

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

6

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 111](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	SSA-S	SHIRDLEY HILL SAND FORMATION	SAND
2	91m NW	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON
3	109m S	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON
4	157m S	TILLD-DMTN	TILL, DEVANSIAN	DIAMICTON



ID	Location	LEX Code	Description	Rock description
5	315m W	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
6	461m SW	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m **1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m **0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

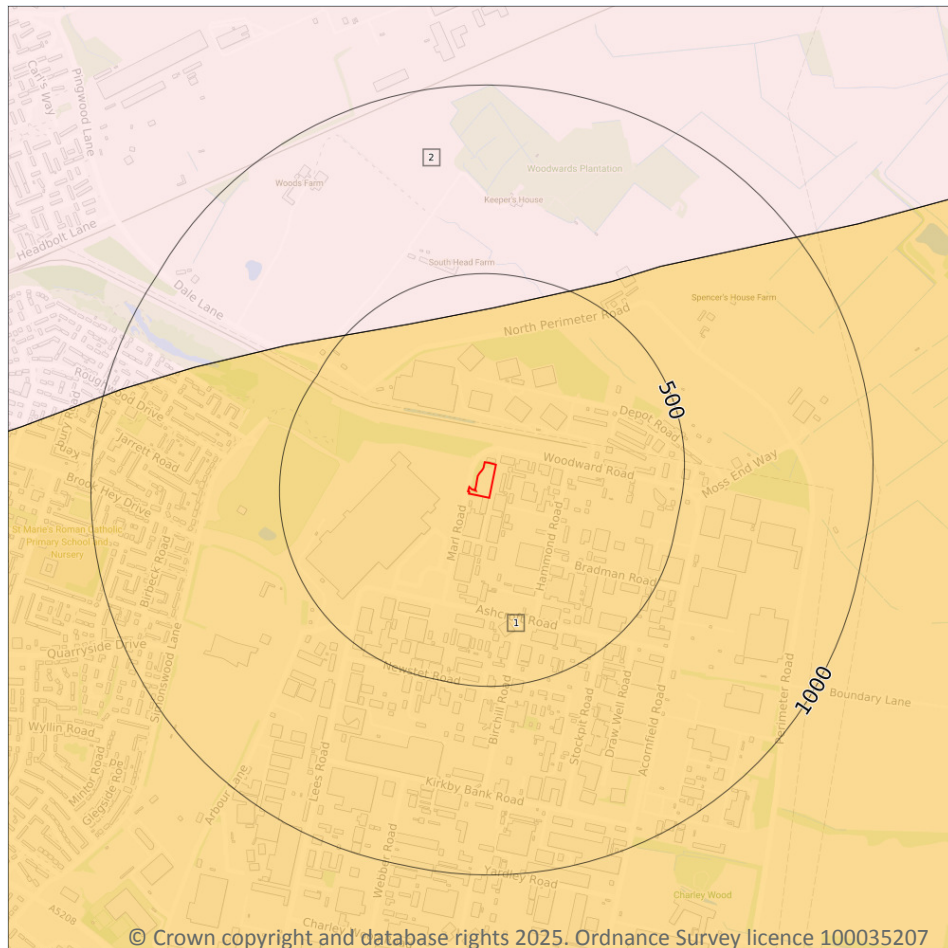
Records within 50m **0**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m

2

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 113](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	CHES-SDST	CHESTER FORMATION - SANDSTONE	OLENEKIAN
2	397m N	WLSF-SDST	WILMSLOW SANDSTONE FORMATION - SANDSTONE	-

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m**1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

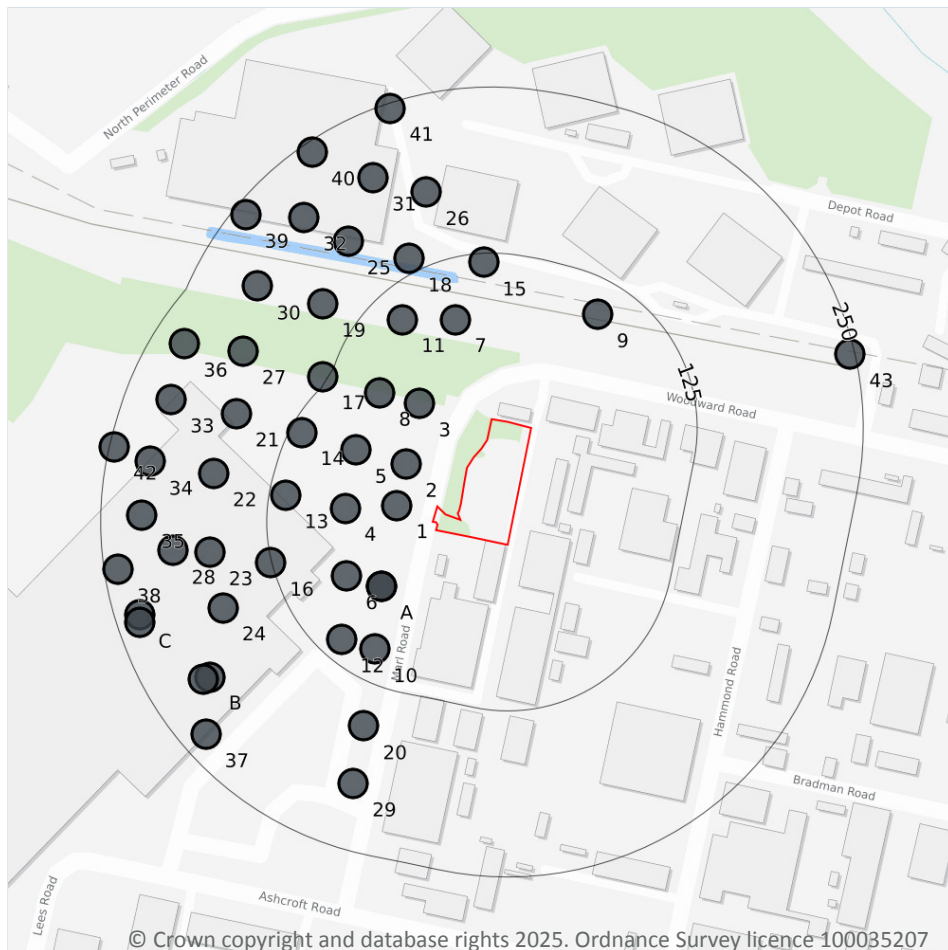
Records within 500m**0**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

49

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on [page 115 >](#)

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	29m W	343189 399456	STAMFORD PARK 52	-	Y	N/A
2	39m NW	343196 399487	STAMFORD PARK 45	-	Y	N/A
3	56m W	343206 399533	STAMFORD PARK 37	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
A	59m SW	343177 399395	STAMFORD PARK 59	-	Y	N/A
A	59m SW	343177 399395	STAMFORD PARK 59A	-	Y	N/A
4	67m W	343150 399454	STAMFORD PARK 51	-	Y	N/A
5	75m NW	343158 399498	STAMFORD PARK 44	-	Y	N/A
6	76m SW	343151 399403	STAMFORD PARK 58	-	Y	N/A
7	80m N	343233 399596	STAMFORD PARK 28	-	Y	N/A
8	86m NW	343176 399541	STAMFORD PARK 36	-	Y	N/A
9	99m NE	343340 399600	MERSEYSIDE COUNCIL 4	-	Y	N/A
10	101m SW	343172 399348	STAMFORD PARK 66	-	Y	N/A
11	101m NW	343193 399596	STAMFORD PARK 27	-	Y	N/A
12	109m SW	343147 399355	STAMFORD PARK 65	-	Y	N/A
13	113m W	343105 399464	STAMFORD PARK 50	-	Y	N/A
14	116m NW	343117 399511	STAMFORD PARK 43	-	Y	N/A
15	118m N	343254 399639	STAMFORD PARK 17	-	Y	N/A
16	126m W	343094 399413	STAMFORD PARK 57	-	Y	N/A
17	128m NW	343133 399553	STAMFORD PARK 35	-	Y	N/A
18	136m NW	343198 399642	STAMFORD PARK 16	-	Y	N/A
19	154m NW	343133 399608	STAMFORD PARK 26	-	Y	N/A
20	157m S	343164 399290	STAMFORD PARK 73	-	Y	N/A
21	167m NW	343068 399525	STAMFORD PARK 42	-	Y	N/A
22	169m W	343051 399480	STAMFORD PARK 49	-	Y	N/A
23	169m W	343048 399421	STAMFORD PARK 56	-	Y	N/A
24	171m W	343058 399379	STAMFORD PARK 64	-	Y	N/A
25	172m NW	343152 399655	STAMFORD PARK 15	-	Y	N/A
26	178m N	343211 399692	STAMFORD PARK 10	-	Y	N/A
27	187m NW	343073 399572	STAMFORD PARK 34	-	Y	N/A
28	197m W	343020 399422	STAMFORD PARK 63	-	Y	N/A
29	200m S	343156 399247	STAMFORD PARK 81	-	Y	N/A

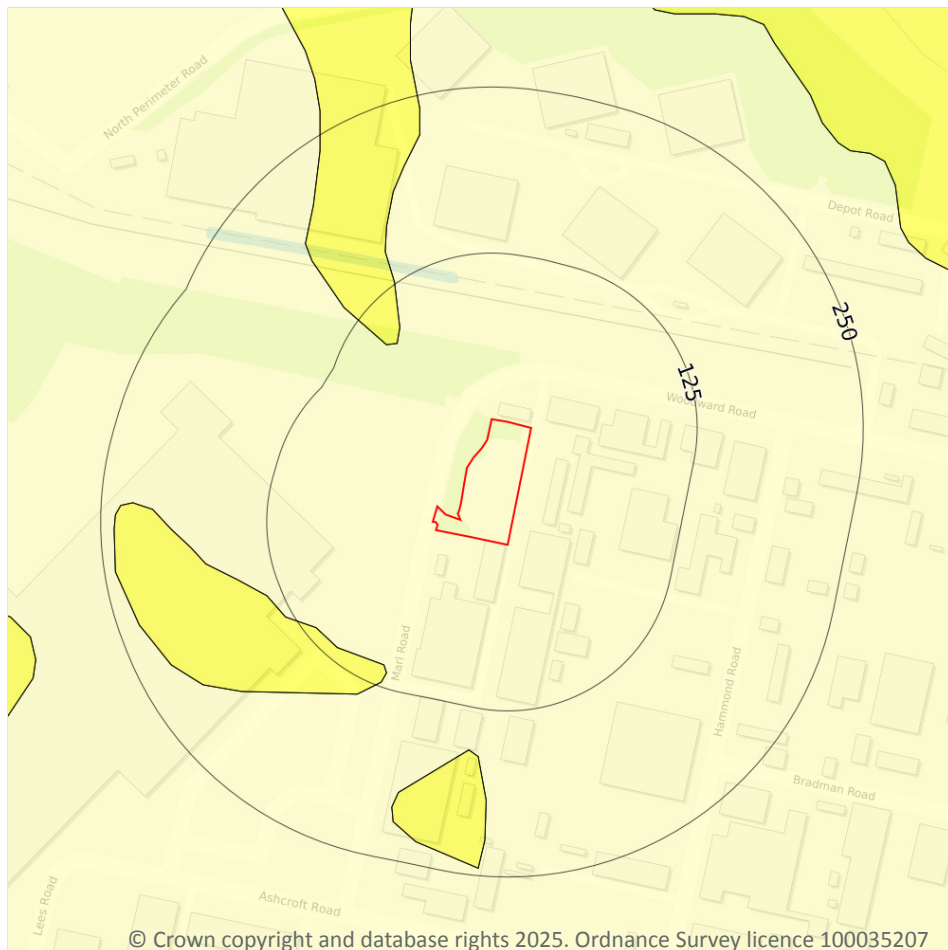


ID	Location	Grid reference	Name	Length	Confidential	Web link
30	203m NW	343084 399621	STAMFORD PARK 25	-	Y	N/A
31	203m NW	343171 399703	STAMFORD PARK 9	-	Y	N/A
B	203m SW	343048 399327	STAMFORD PARK 72	-	Y	N/A
32	208m NW	343119 399673	STAMFORD PARK 14	-	Y	N/A
B	208m SW	343043 399325	STAMFORD PARK 72A	-	Y	N/A
33	216m W	343019 399536	STAMFORD PARK 41	-	Y	N/A
34	218m W	343003 399489	STAMFORD PARK 48	-	Y	N/A
35	219m W	342997 399449	STAMFORD PARK 55	-	Y	N/A
36	226m NW	343029 399578	STAMFORD PARK 33	-	Y	N/A
37	231m SW	343045 399284	STAMFORD PARK 80	-	Y	N/A
C	232m W	342995 399374	STAMFORD PARK 67A	-	Y	N/A
C	233m W	342995 399368	STAMFORD PARK 67	-	Y	N/A
38	240m W	342979 399408	STAMFORD PARK 62	-	Y	N/A
39	241m NW	343075 399675	STAMFORD PARK 13	-	Y	N/A
40	242m NW	343125 399722	STAMFORD PARK 8	-	Y	N/A
41	246m N	343184 399755	STAMFORD PARK 5	-	Y	N/A
42	246m W	342976 399500	STAMFORD PARK 47	-	Y	N/A
43	247m E	343530 399570	MERSEYSIDE COUNCIL 5	-	Y	N/A

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

1

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

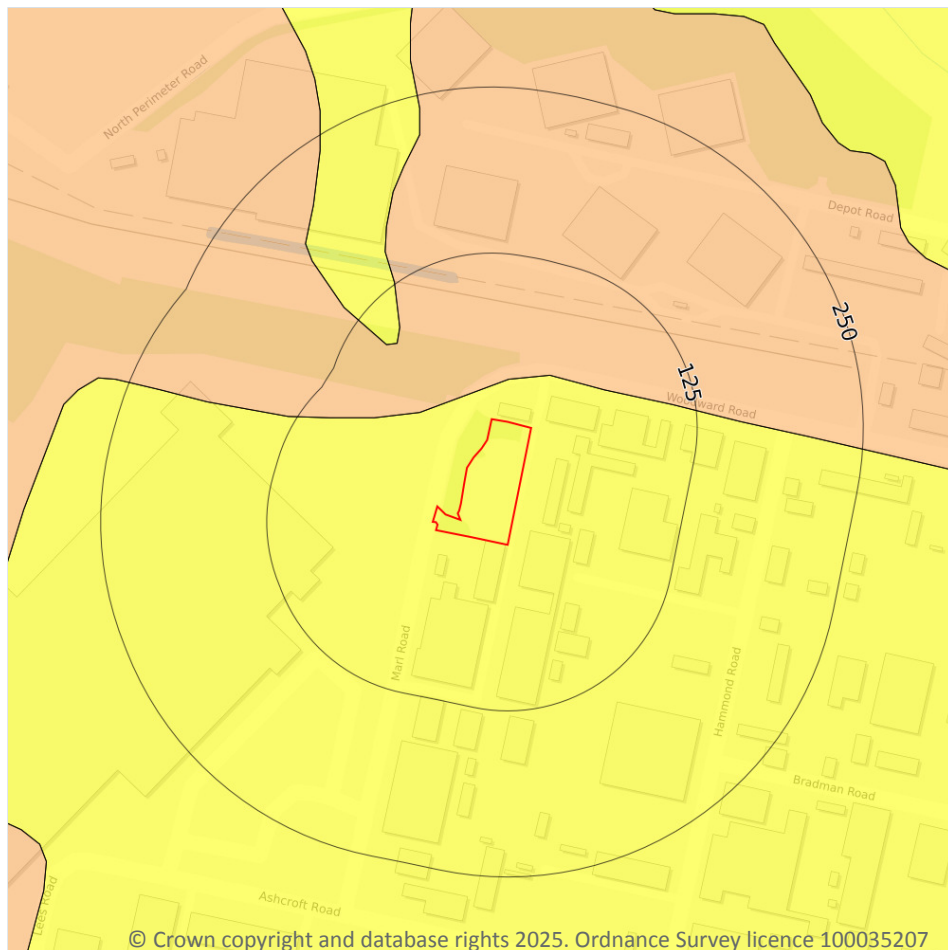
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 118 >](#)

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on [page 119](#) >

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

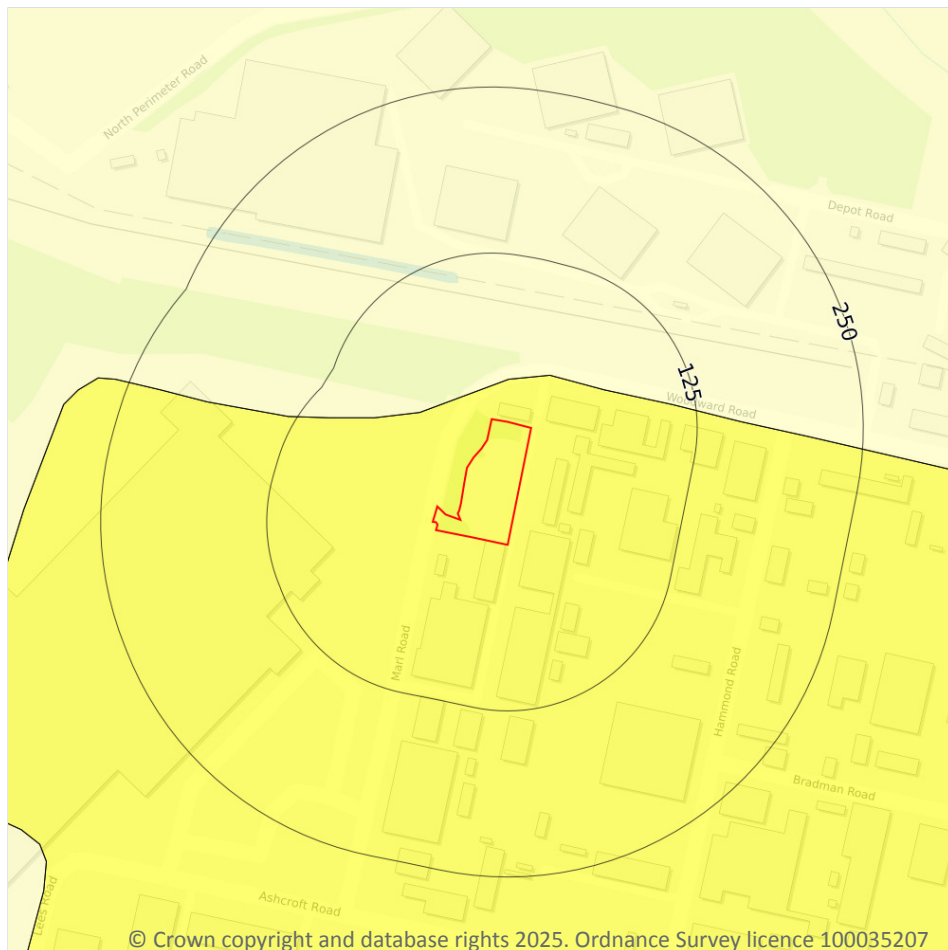


Location	Hazard rating	Details
24m N	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

2

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 121](#) >

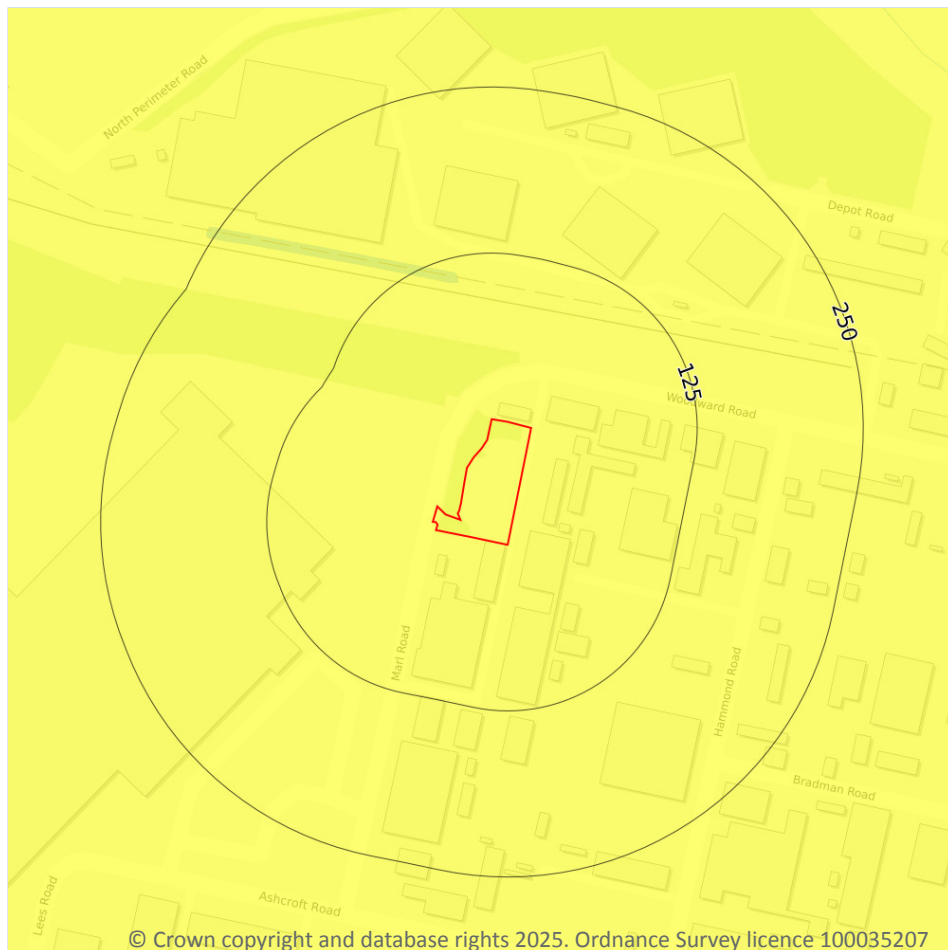
Location	Hazard rating	Details
On site	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.
24m N	Negligible	Compressible strata are not thought to occur.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

1

The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

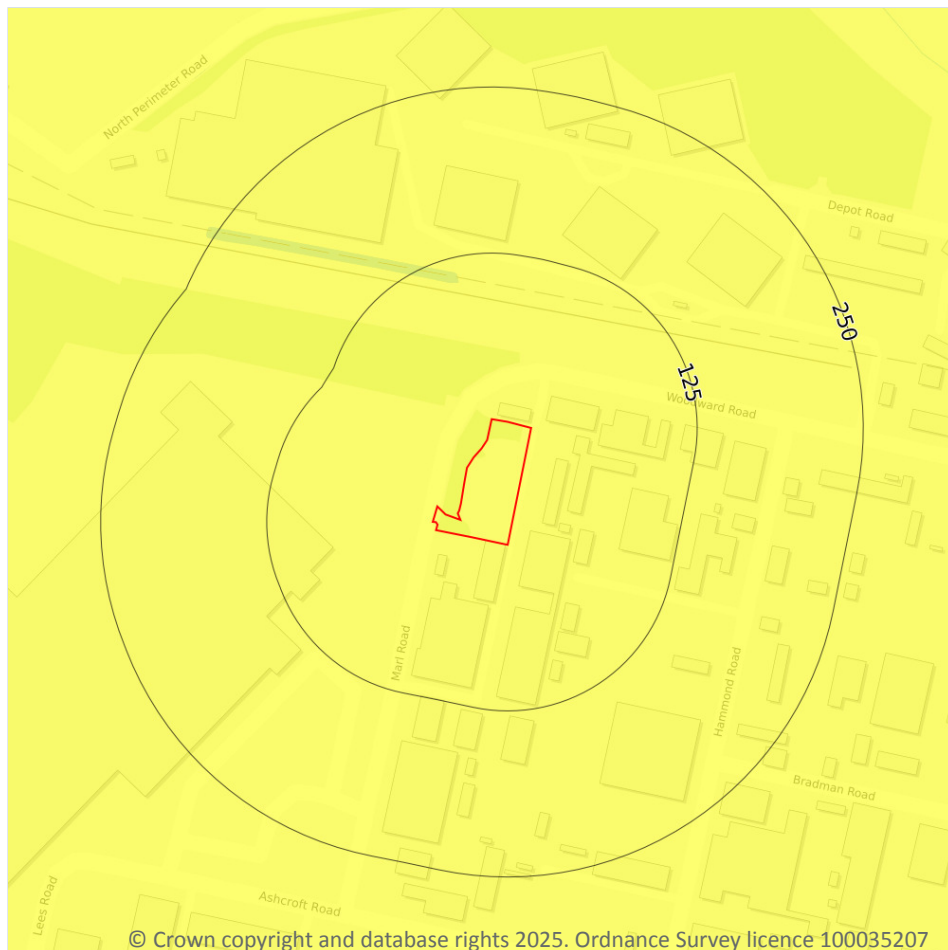
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 123 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.5 Landslides

Records within 50m

1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on [page 124 >](#)

Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.6 Ground dissolution of soluble rocks

Records within 50m

1

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 125 >](#)

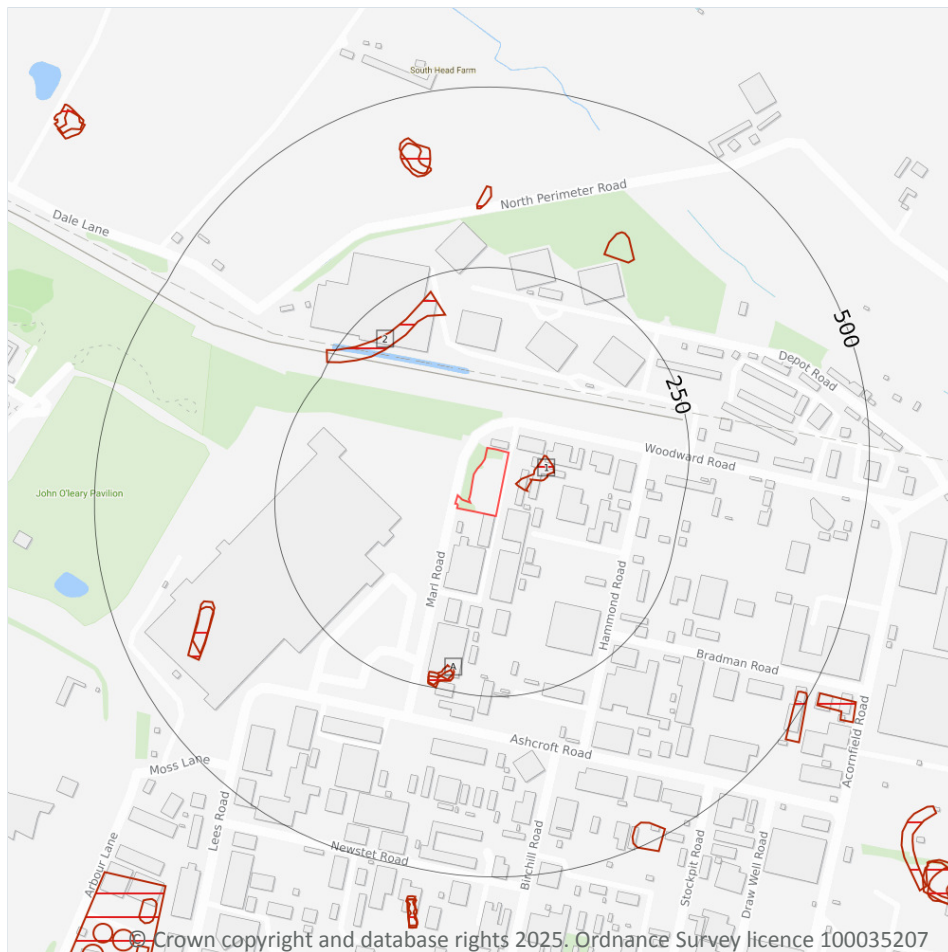
Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m

4

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on [page 127 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
1	19m E	Ponds	1890	1:10560
2	193m NW	Cuttings	1966	1:10560
A	216m S	Ponds	1890	1:10560
A	222m S	Pond	1907	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m

0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m

0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.



18.10 Mining record office plans

Records within 500m**0**

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m**0**

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site**0**

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site**0**

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site**0**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
-----------------	---

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).



19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

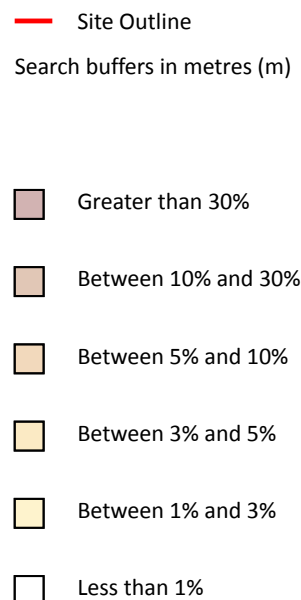
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on [page 134 >](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None



This data is sourced from the British Geological Survey and UK Health Security Agency.



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 - 25 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

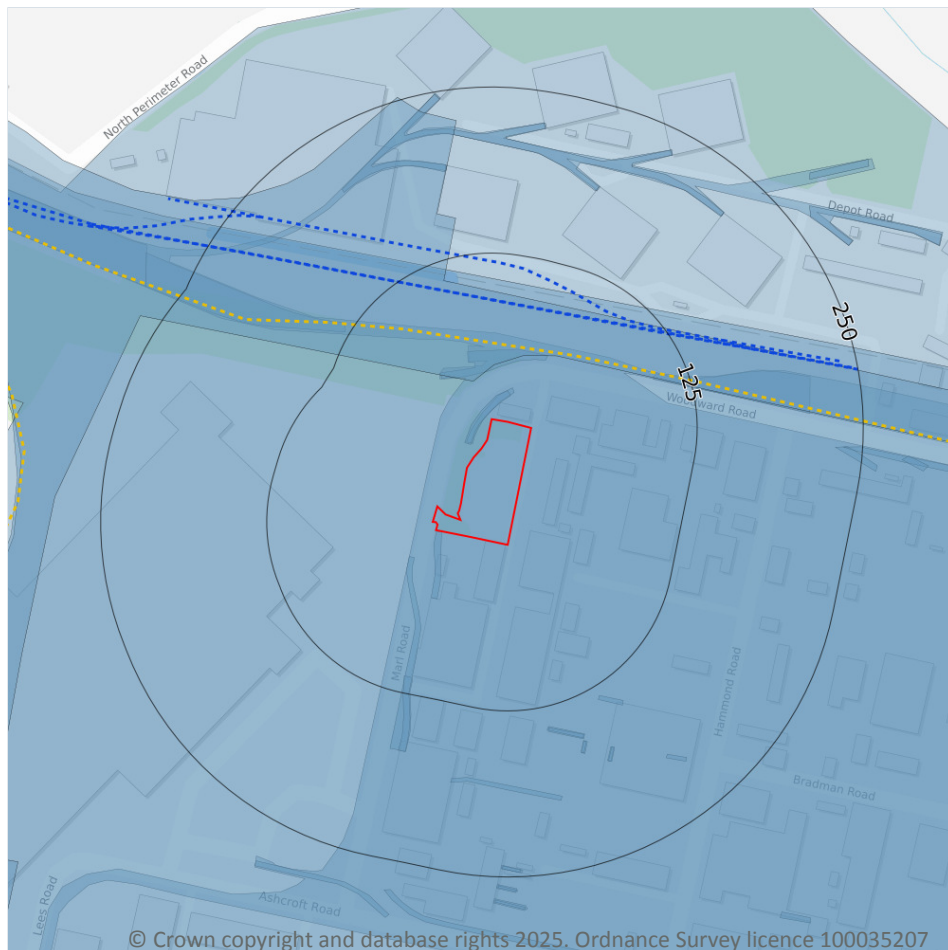
0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

26

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on [page 137 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1962	2500
On site	Railway Sidings	1978	10000
On site	Railway Sidings	1966	10560
1m S	Railway Sidings	1962	1250
4m NW	Railway Sidings	1962	2500
5m NW	Railway Sidings	1962	1250
26m SW	Railway Sidings	1971	1250
32m NW	Railway Sidings	1956	10560
36m N	Railway Sidings	1962	1250
99m E	Railway Sidings	1962	1250
112m S	Railway Sidings	1962	1250
128m NW	Railway Sidings	1962	1250
133m SE	Railway Sidings	1962	1250
140m S	Railway Sidings	1962	2500
141m S	Railway Sidings	1962	1250
158m S	Railway Sidings	1962	2500
158m S	Railway Sidings	1962	1250



Location	Land Use	Year of mapping	Mapping scale
171m SE	Railway Sidings	1962	1250
171m SE	Railway Sidings	1962	2500
178m S	Railway Sidings	1962	1250
185m N	Railway Sidings	1962	1250
198m SE	Railway Sidings	1962	1250
230m E	Railway Sidings	1962	1250
236m E	Railway Sidings	1971	1250
241m S	Railway Sidings	1971	1250
242m S	Railway Sidings	1986	1250

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

1

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on [page 137 >](#)

Location	Description
57m N	Razed

This data is sourced from OpenStreetMap.



22.7 Railways

Records within 250m

6

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 137 >](#)

Location	Name	Type
88m N		rail
88m N	Not given	Single Track
104m NE		rail
126m NE	Not given	Single Track
157m NE		rail
231m NW		rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m

0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m

0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 Ltd.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference> ↗.

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