

2200413OUT

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28/03/2022



Site Details:

Land To Rear Of, 353-363 Hale Road, Cheshire, Widnes, WA8 8TR

Client Ref: EMS_774387_1000839
Report Ref: EMS-DE-774387_1000839
Grid Ref: 348882, 384405

Map Name: National Grid

Map date: 1985-1994

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1986
Revised 1989
Edition N/A
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Levelled N/A

Surveyed 1985
Revised 1985
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1991
Revised 1994
Edition N/A
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Production date: 14 April 2022

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Site Details:

Land To Rear Of, 353-363 Hale Road, Cheshire, Widnes, WA8 8TR

Client Ref: EMS_774387_1000839
Report Ref: EMS-DE-774387_1000839
Grid Ref: 348882, 384405

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000



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Client Ref: EMS_774387_1000839
Report Ref: EMS-DE-774387_1000839
Grid Ref: 348882, 384405

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000



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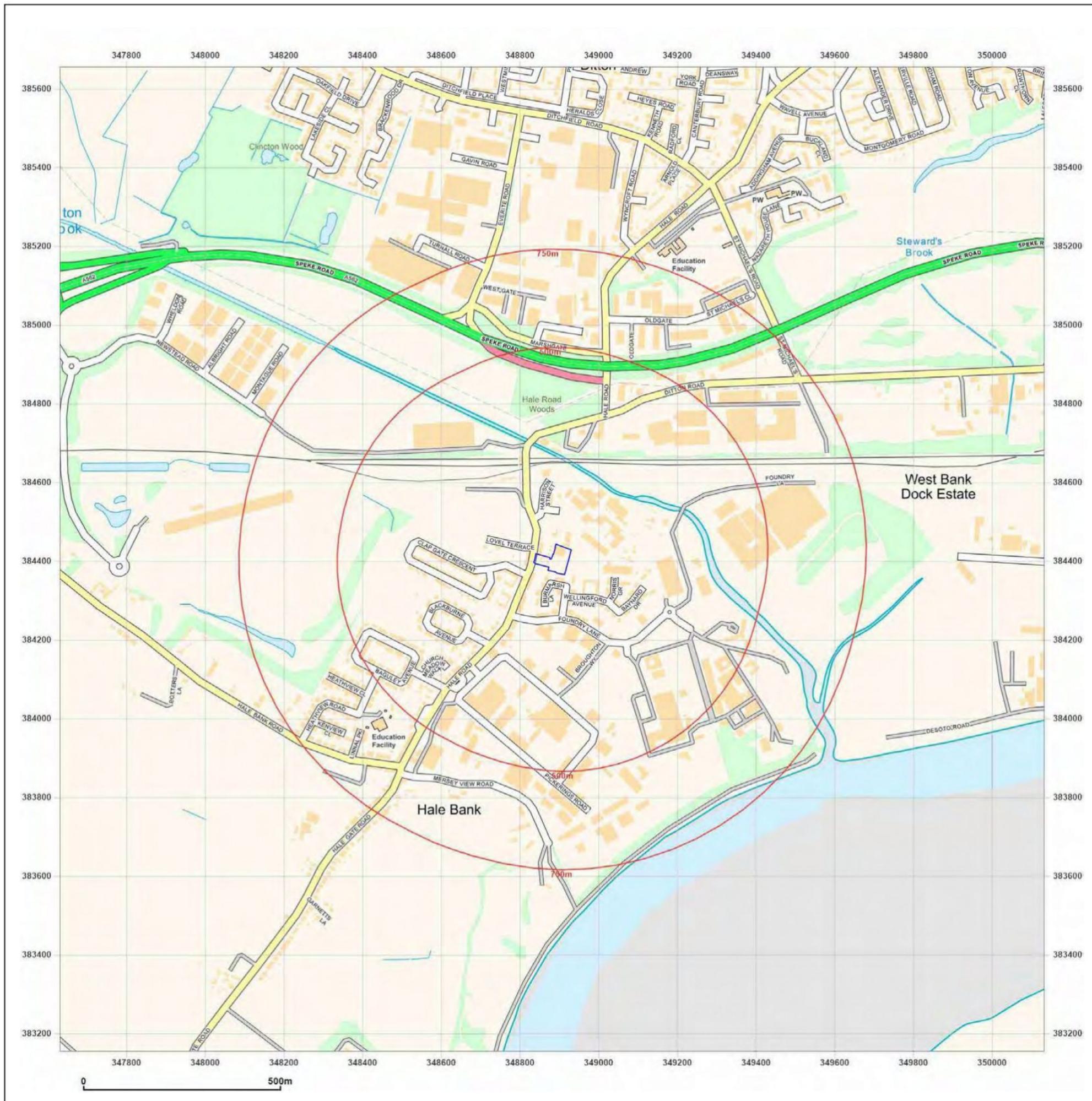
Client Ref: EMS_774387_1000839
Report Ref: EMS-DE-774387_1000839
Grid Ref: 348882, 384405

Map Name: National Grid

Map date: 2022

Scale: 1:10,000

Printed at: 1:10,000



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Production date: 14 April 2022

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APPENDIX G: GROUNDSURE REPORTS

Land To Rear Of,353-363 Hale Road,Cheshire,Widnes,WA8 8TR

Order Details

Date: 21/04/2022
Your ref: EMS_774387_10008040
Our Ref: GSIP-2022-12682-10194
Client: emapsite

Site Details

Location: 348881 384407
Area: 0.38 ha
Authority: [Halton Borough Council](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.13 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	3	4	64	101	-
21	1.2	<u>Historical tanks</u>	0	0	15	72	-
24	1.3	<u>Historical energy features</u>	1	0	6	7	-
25	1.4	Historical petrol stations	0	0	0	0	-
25	1.5	<u>Historical garages</u>	2	0	0	1	-
26	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
27	2.1	<u>Historical industrial land uses</u>	3	4	75	126	-
35	2.2	<u>Historical tanks</u>	0	0	31	171	-
43	2.3	<u>Historical energy features</u>	1	2	17	19	-
44	2.4	Historical petrol stations	0	0	0	0	-
44	2.5	<u>Historical garages</u>	4	0	0	2	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
46	3.1	Active or recent landfill	0	0	0	0	-
46	3.2	Historical landfill (BGS records)	0	0	0	0	-
47	3.3	<u>Historical landfill (LA/mapping records)</u>	0	0	4	4	-
47	3.4	<u>Historical landfill (EA/NRW records)</u>	1	0	2	5	-
49	3.5	<u>Historical waste sites</u>	3	0	8	8	-
52	3.6	<u>Licensed waste sites</u>	0	0	4	4	-
55	3.7	<u>Waste exemptions</u>	0	1	13	67	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
62	4.1	<u>Recent industrial land uses</u>	2	2	19	-	-
64	4.2	<u>Current or recent petrol stations</u>	0	0	1	1	-
64	4.3	Electricity cables	0	0	0	0	-
64	4.4	Gas pipelines	0	0	0	0	-
65	4.5	Sites determined as Contaminated Land	0	0	0	0	-



65	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	0	0	0	1	-
65	4.7	Regulated explosive sites	0	0	0	0	-
65	4.8	<u>Hazardous substance storage/usage</u>	0	0	0	3	-
66	4.9	<u>Historical licensed industrial activities (IPC)</u>	0	0	0	9	-
67	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	0	20	-
71	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	4	4	-
72	4.12	<u>Radioactive Substance Authorisations</u>	0	0	0	7	-
73	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	12	22	-
77	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
78	4.15	Pollutant release to public sewer	0	0	0	0	-
78	4.16	List 1 Dangerous Substances	0	0	0	0	-
78	4.17	List 2 Dangerous Substances	0	0	0	0	-
78	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	1	8	-
79	4.19	Pollution inventory substances	0	0	0	0	-
80	4.20	<u>Pollution inventory waste transfers</u>	0	0	0	1	-
81	4.21	<u>Pollution inventory radioactive waste</u>	0	0	0	1	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
82	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
83	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
84	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
85	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
85	5.5	Groundwater vulnerability- local information	None (within 0m)				
86	5.6	<u>Groundwater abstractions</u>	0	0	0	20	9
94	5.7	Surface water abstractions	0	0	0	0	0
94	5.8	Potable abstractions	0	0	0	0	0
94	5.9	<u>Source Protection Zones</u>	0	0	0	1	-
95	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
96	6.1	<u>Water Network (OS MasterMap)</u>	0	0	1	-	-



97	6.2	Surface water features	0	0	0	-	-
97	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
97	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
98	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
99	7.1	<u>Risk of flooding from rivers and the sea</u>	Medium (within 50m)				
100	7.2	<u>Historical Flood Events</u>	1	0	0	-	-
100	7.3	<u>Flood Defences</u>	0	0	2	-	-
101	7.4	<u>Areas Benefiting from Flood Defences</u>	1	0	1	-	-
101	7.5	Flood Storage Areas	0	0	0	-	-
102	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
103	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
104	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
106	9.1	<u>Groundwater flooding</u>	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
107	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	2
108	10.2	<u>Conserved wetland sites (Ramsar sites)</u>	0	0	0	0	2
109	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
109	10.4	<u>Special Protection Areas (SPA)</u>	0	0	0	0	2
109	10.5	National Nature Reserves (NNR)	0	0	0	0	0
110	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	1	2
110	10.7	Designated Ancient Woodland	0	0	0	0	0
110	10.8	Biosphere Reserves	0	0	0	0	0
111	10.9	Forest Parks	0	0	0	0	0
111	10.10	Marine Conservation Zones	0	0	0	0	0
111	10.11	<u>Green Belt</u>	0	0	0	0	2
111	10.12	Proposed Ramsar sites	0	0	0	0	0



112	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
112	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
112	10.15	Nitrate Sensitive Areas	0	0	0	0	0
112	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	1
114	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
115	10.18	<u>SSSI Units</u>	0	0	0	0	5

Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
121	11.1	World Heritage Sites	0	0	0	-	-
121	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
121	11.3	National Parks	0	0	0	-	-
121	11.4	Listed Buildings	0	0	0	-	-
122	11.5	Conservation Areas	0	0	0	-	-
122	11.6	Scheduled Ancient Monuments	0	0	0	-	-
122	11.7	Registered Parks and Gardens	0	0	0	-	-

Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
123	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
124	12.2	Open Access Land	0	0	0	-	-
124	12.3	Tree Felling Licences	0	0	0	-	-
124	12.4	Environmental Stewardship Schemes	0	0	0	-	-
124	12.5	Countryside Stewardship Schemes	0	0	0	-	-

Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
125	13.1	<u>Priority Habitat Inventory</u>	0	0	2	-	-
126	13.2	<u>Habitat Networks</u>	0	1	0	-	-
126	13.3	<u>Open Mosaic Habitat</u>	0	0	2	-	-
126	13.4	Limestone Pavement Orders	0	0	0	-	-

Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
128	14.1	<u>10k Availability</u>	Identified (within 500m)				
129	14.2	Artificial and made ground (10k)	0	0	0	0	-
130	14.3	<u>Superficial geology (10k)</u>	1	0	2	0	-

131	14.4	Landslip (10k)	0	0	0	0	-
132	14.5	<u>Bedrock geology (10k)</u>	1	0	1	1	-
133	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	0	1	1	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
134	15.1	<u>50k Availability</u>	Identified (within 500m)				
135	15.2	Artificial and made ground (50k)	0	0	0	0	-
135	15.3	Artificial ground permeability (50k)	0	0	-	-	-
136	15.4	<u>Superficial geology (50k)</u>	1	0	1	0	-
137	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
137	15.6	Landslip (50k)	0	0	0	0	-
137	15.7	Landslip permeability (50k)	None (within 50m)				
138	15.8	<u>Bedrock geology (50k)</u>	1	0	1	1	-
139	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
139	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	0	0	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
140	16.1	<u>BGS Boreholes</u>	0	0	30	-	-
Page	Section	Natural ground subsidence					
142	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
143	17.2	<u>Running sands</u>	Moderate (within 50m)				
144	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
145	17.4	<u>Collapsible deposits</u>	Negligible (within 50m)				
146	17.5	<u>Landslides</u>	Very low (within 50m)				
147	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
149	18.1	Natural cavities	0	0	0	0	-
150	18.2	BritPits	0	0	0	0	-
150	18.3	<u>Surface ground workings</u>	1	9	35	-	-
152	18.4	Underground workings	0	0	0	0	0
152	18.5	Historical Mineral Planning Areas	0	0	0	0	-

152	18.6	Non-coal mining	0	0	0	0	0
152	18.7	Mining cavities	0	0	0	0	0
152	18.8	JPB mining areas	None (within 0m)				
153	18.9	Coal mining	None (within 0m)				
153	18.10	Brine areas	None (within 0m)				
153	18.11	Gypsum areas	None (within 0m)				
153	18.12	Tin mining	None (within 0m)				
153	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
154	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
155	20.1	BGS Estimated Background Soil Chemistry	1	0	-	-	-
155	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
155	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
156	21.1	Underground railways (London)	0	0	0	-	-
156	21.2	Underground railways (Non-London)	0	0	0	-	-
157	21.3	Railway tunnels	0	0	0	-	-
157	21.4	Historical railway and tunnel features	3	0	40	-	-
159	21.5	Royal Mail tunnels	0	0	0	-	-
159	21.6	Historical railways	0	0	1	-	-
159	21.7	Railways	0	0	44	-	-
161	21.8	Crossrail 1	0	0	0	0	-
161	21.9	Crossrail 2	0	0	0	0	-
161	21.10	HS2	0	0	0	0	-

Recent aerial photograph

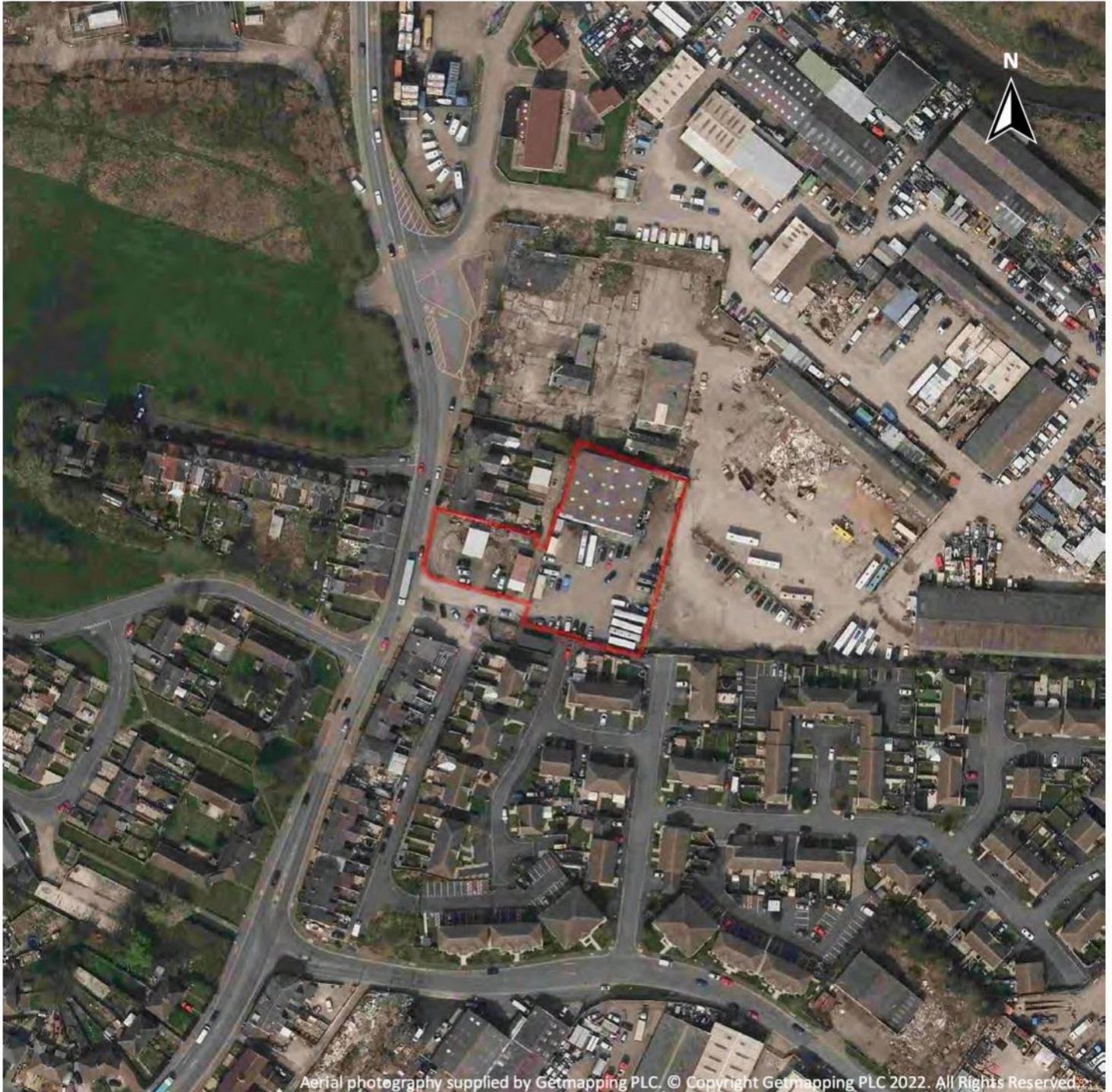


Capture Date: 22/04/2019

Site Area: 0.38ha



Recent site history - 2016 aerial photograph



Capture Date: 21/04/2016

Site Area: 0.38ha



Recent site history - 2009 aerial photograph



Capture Date: 24/06/2009

Site Area: 0.38ha



Recent site history - 2005 aerial photograph



Capture Date: 15/05/2005

Site Area: 0.38ha



Recent site history - 2000 aerial photograph



Capture Date: 21/07/2000

Site Area: 0.38ha



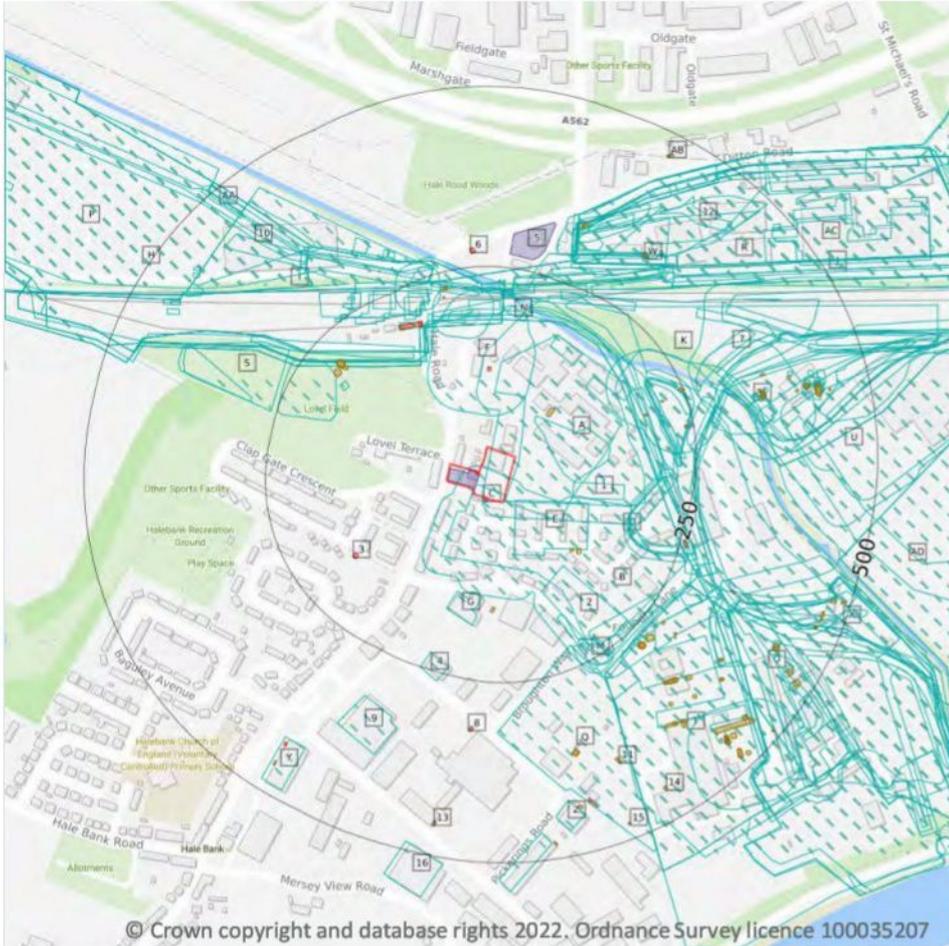
OS MasterMap site plan



Site Area: 0.38ha



1 Past land use



Site Outline

Search buffers in metres (m)

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

1.1 Historical industrial land uses

Records within 500m **172**

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Commercial/Industrial	1982	796541



ID	Location	Land use	Dates present	Group ID
B	On site	Scrap Metal Yard	1968	837273
D	On site	Railway Sidings	1905 - 1968	903028
A	2m E	Unspecified Works	1968	830163
E	16m E	Unspecified Warehouse	1982	807112
F	44m N	Pumping Station	1982	822114
A	49m E	Unspecified Heap	1953	803189
1	88m E	Unspecified Depot	1982	818365
2	120m SE	Unspecified Depot	1982	818364
G	130m S	Unspecified Warehouse	1982	807118
D	143m N	Railway Sidings	1891	844558
D	143m N	Railway Sidings	1891	844559
D	143m N	Railway Sidings	1891	844560
H	145m NW	Railway Sidings	1925	950480
I	145m NW	Railway Sidings	1905	903029
J	147m N	Railway Sidings	1938	973060
K	150m N	Railway Sidings	1894	859559
D	150m NE	Unspecified Heap	1891	879459
J	150m NE	Timber Yard	1968	796280
H	152m N	Unspecified Depot	1982	818363
L	153m NW	Railway Sidings	1950 - 1953	984353
L	154m NW	Railway Sidings	1982	844667
L	154m NW	Railway Sidings	1989	844668
L	154m NW	Railway Sidings	1967	844695
L	154m NW	Railway Sidings	1968	844694
H	155m N	Railway Sidings	1925	892882
B	171m E	Unspecified Heap	1891	911601
B	171m E	Unspecified Heap	1953	920461
H	172m NW	Sludge Beds	1968	832242



ID	Location	Land use	Dates present	Group ID
B	172m E	Unspecified Heap	1894	966115
B	173m E	Unspecified Ground Workings	1925	800144
B	173m E	Unspecified Heap	1905 - 1925	885401
B	174m E	Refuse Heap	1938	915454
M	174m SE	Unspecified Ground Workings	1938	945418
H	175m N	Railway Station	1968	822922
D	175m E	Cuttings	1891	795710
H	176m NW	Pump House	1982	843828
N	181m N	Wharf	1851	831103
H	193m NW	Railway Building	1968 - 1982	921400
O	194m E	Railway Sidings	1953	988809
H	203m NW	Railway Station	1891	895293
H	203m NW	Railway Buildings	1894	833611
D	204m NE	Unspecified Ground Workings	1925	924001
D	204m NE	Unspecified Heap	1905 - 1925	857473
H	204m NW	Railway Station	1938 - 1953	894646
H	205m NW	Railway Station	1905 - 1925	971422
D	206m NE	Unspecified Ground Workings	1938	910734
N	207m N	Railway Sidings	1905	988407
H	207m NW	Railway Station	1982	913423
D	209m E	Unspecified Heap	1953	950831
N	210m N	Railway Building	1894 - 1925	925293
P	211m N	Railway Sidings	1925	885112
N	212m N	Railway Building	1938	966606
N	214m N	Railway Station	1851	822924
M	215m SE	Unspecified Pit	1953	839626
M	217m SE	Unspecified Heap	1905 - 1925	907865
H	218m NW	Railway Building	1891 - 1894	849506



ID	Location	Land use	Dates present	Group ID
Q	219m SE	Unspecified Depot	1982	818367
R	220m N	Railway Sidings	1955 - 1968	959430
M	221m SE	Unspecified Ground Workings	1891	986997
R	227m N	Railway Sidings	1905 - 1994	984352
K	227m N	Railway Sidings	1851	849807
4	228m S	Unspecified Depot	1982	818368
H	228m N	Railway Building	1894	865263
D	238m E	Unspecified Pit	1905 - 1925	907077
H	242m N	Unspecified Ground Workings	1905	800113
K	242m N	Scrap Metal Yard	1968	837274
H	246m NW	Railway Building	1894	819438
R	248m NE	Railway Sidings	1905 - 1925	903030
H	248m NW	Railway Building	1891	819439
H	250m NW	Railway Station	1894	946919
H	251m NW	Railway Building	1891	819437
K	254m N	Unspecified Pit	1925	839637
S	258m W	Sludge Beds	1968	832243
M	258m SE	Gelatine Works	1925	962040
T	262m SE	Unspecified Works	1938	850832
M	263m SE	Unspecified Tank	1982	824865
H	264m NW	Railway Building	1891	819421
T	264m SE	Gelatine Works	1953	881279
U	264m E	Timber Yard	1968	912997
T	267m SE	Unspecified Works	1968 - 1982	856242
V	267m E	Tar Works	1925	934438
O	270m SE	Railway Sidings	1894 - 1968	903025
R	273m N	Copper Works	1891 - 1894	918571
V	275m E	Cement Works	1891 - 1894	963888



ID	Location	Land use	Dates present	Group ID
O	276m E	Extract Works	1938	832161
O	277m SE	Refuse Heap	1953	828720
R	280m N	Unspecified Works	1925	959200
K	281m N	Refuse Heap	1938	947584
R	281m N	Unspecified Works	1938	876950
O	283m E	Railway Building	1925	819415
K	284m N	Unspecified Mill	1953	810247
S	288m W	Unspecified Pit	1982	839631
7	289m NE	Unspecified Heap	1982	803190
H	291m NW	Railway Building	1953	915415
V	292m E	Tar Works	1925 - 1938	855321
R	293m N	Timber Yard	1968	854095
R	293m N	Unspecified Works	1953	964016
R	296m N	Timber Yard	1982	930182
H	297m NW	Railway Building	1982	925827
V	301m NE	Timber Yard	1982	855140
K	301m N	Refuse Heap	1953	909140
V	305m E	Disused Cement Works	1905	821930
K	308m N	Railway Sidings	1968	979737
P	312m NW	Sleeper Depot	1925 - 1938	941262
V	313m E	Tar Works	1925	986781
H	314m N	Railway Building	1982	819419
9	316m SW	Unspecified Warehouse	1982	807117
V	317m E	Manure Works	1925	869437
R	319m N	Copper Works	1905	847576
O	321m E	Railway Sidings	1925	869167
W	325m NE	Corn Windmill	1851	806892
V	329m E	Manure Works	1925 - 1938	858660



ID	Location	Land use	Dates present	Group ID
I	331m NW	Railway Buildings	1925	833609
U	335m E	Unspecified Commercial/Industrial	1982	796542
I	337m NW	Railway Building	1953	819424
O	337m SE	Disused Iron Works	1894	818927
O	341m SE	Iron Works	1851 - 1891	853449
O	343m SE	Unspecified Works	1925	875041
U	343m NE	Railway Sidings	1968	954476
V	345m E	Unspecified Tank	1891	824592
O	345m SE	Railway Sidings	1851	926951
O	346m SE	Oil Distillery	1905	814720
X	350m SE	Fertiliser Works	1925	806854
I	354m NW	Railway Building	1953	819420
V	354m E	Unspecified Tanks	1905	815257
10	355m NW	Unspecified Ground Workings	1905	800114
O	362m E	Extracting Works	1953	831127
U	371m E	Unspecified Mills	1968	808165
O	381m SE	Quay	1851	808073
12	392m NE	Unspecified Ground Workings	1938	885832
V	393m E	Unspecified Tank	1905	824593
V	400m E	Unspecified Ground Workings	1905	971150
T	404m SE	Sludge Beds	1982	832241
V	406m E	Unspecified Tanks	1891	878351
X	409m E	Unspecified Pit	1905	839630
V	411m E	Unspecified Tank	1894	884758
V	412m E	Unspecified Tank	1925	906346
V	412m E	Unspecified Tanks	1905	849334
V	412m E	Unspecified Tanks	1925 - 1938	936988
L	414m NW	Unspecified Pit	1905	839633



ID	Location	Land use	Dates present	Group ID
Y	418m SW	Unspecified Warehouse	1982	807116
V	420m E	Unspecified Tank	1953	824595
O	421m SE	Unspecified Tank	1894 - 1905	851002
T	421m SE	Unspecified Tanks	1982	815262
O	422m SE	Unspecified Tank	1891	824866
V	423m E	Unspecified Ground Workings	1953	855463
Z	423m S	Unspecified Warehouse	1982	807113
V	425m E	Unspecified Tanks	1925	925351
V	425m E	Unspecified Tank	1894	824597
V	426m E	Unspecified Tank	1894	824596
L	427m NW	Railway Building	1894	819436
V	431m E	Railway Sidings	1925	885313
V	432m E	Unspecified Tanks	1953	973259
L	432m NW	Railway Building	1925	819422
L	433m NW	Railway Building	1968	865132
L	436m NW	Railway Building	1953	983502
L	437m NW	Railway Building	1953	819423
AA	447m NW	Railway Buildings	1925	833607
AA	453m NW	Railway Buildings	1968 - 1982	889554
AA	453m NW	Railway Buildings	1953	936342
O	453m SE	Unspecified Tank	1894	824863
O	454m SE	Unspecified Tank	1891	824864
Z	461m S	Unspecified Warehouse	1982	807114
AC	466m NE	Unspecified Mill	1968 - 1982	917089
AC	467m NE	Unspecified Tank	1925	824606
O	469m SE	Unspecified Tank	1891	824862
AD	470m E	Fertiliser Works	1925 - 1938	959744
AD	470m E	Refuse Heap	1938 - 1953	920543



ID	Location	Land use	Dates present	Group ID
R	475m NE	Railway Building	1905	819418
16	488m S	Unspecified Warehouse	1982	807115
O	496m SE	Unspecified Tank	1851	824861

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

87

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	72m NE	Tanks	1978 - 1980	134834
E	112m SE	Unspecified Tank	1980	148610
E	121m SE	Unspecified Tank	1990 - 1994	138881
G	146m S	Unspecified Tank	1989 - 1994	136862
D	187m E	Unspecified Tank	1990 - 1994	138340
H	193m NW	Tanks	1937	106318
H	195m NW	Tanks	1937	106319
H	200m NW	Unspecified Tank	1956	144512
H	200m NW	Unspecified Tank	1956 - 1967	132039
H	215m N	Unspecified Tank	1937	114312
D	216m E	Unspecified Tank	1994	148020
D	216m E	Unspecified Tank	1991	125106
H	225m N	Unspecified Tank	1907 - 1927	143827
H	228m N	Unspecified Tank	1956	147327
D	244m E	Unspecified Tank	1991 - 1994	134444



ID	Location	Land use	Dates present	Group ID
M	270m SE	Unspecified Tank	1994	133103
M	270m SE	Unspecified Tank	1980 - 1994	140773
M	270m SE	Tanks	1994	125372
M	271m SE	Unspecified Tank	1980 - 1990	127799
M	275m SE	Unspecified Tank	1957	126636
H	284m N	Unspecified Tank	1967	114313
M	298m SE	Tanks	1937	106329
M	301m SE	Tanks	1937	106330
W	329m NE	Unspecified Tank	1991 - 1994	135560
K	329m N	Unspecified Tank	1991 - 1994	140941
K	333m N	Tanks	1991 - 1994	148737
T	333m SE	Tanks	1990	138222
T	334m SE	Unspecified Tank	1994	123342
T	336m SE	Tanks	1994	139652
T	339m SE	Unspecified Tank	1980	145064
V	347m E	Tanks	1984	106317
V	349m E	Unspecified Tank	1891	140695
V	349m E	Unspecified Tank	1907	126021
T	350m SE	Unspecified Tank	1980 - 1994	142920
Q	356m S	Tanks	1980 - 1994	129934
Q	356m S	Tanks	1980	130745
V	356m E	Tanks	1891	106316
T	360m SE	Unspecified Tank	1957	138891
T	368m SE	Unspecified Tank	1980 - 1994	128491
T	370m SE	Unspecified Tank	1980 - 1990	134413
T	375m SE	Unspecified Tank	1957	127489
T	382m SE	Tanks	1980	126687
T	385m SE	Unspecified Tank	1957	141331



ID	Location	Land use	Dates present	Group ID
T	386m SE	Unspecified Tank	1980 - 1994	131044
T	386m SE	Unspecified Tank	1980	123154
11	387m SE	Tanks	1980 - 1994	124548
T	389m SE	Tanks	1990	133703
T	390m SE	Unspecified Tank	1957 - 1980	137522
V	390m E	Unspecified Tank	1907	114322
V	398m E	Unspecified Tank	1907	114316
V	410m E	Unspecified Tank	1891	127016
V	410m E	Unspecified Tank	1907 - 1927	128250
O	422m SE	Unspecified Tank	1907	134024
V	424m E	Tanks	1907 - 1937	148842
V	424m E	Tanks	1891	144455
O	424m SE	Unspecified Tank	1891	140313
T	429m SE	Tanks	1980 - 1994	142775
Z	433m S	Unspecified Tank	1980 - 1994	134201
V	442m E	Unspecified Tank	1927	114321
T	444m SE	Unspecified Tank	1957 - 1990	128629
T	444m SE	Tanks	1994	148462
T	445m SE	Tanks	1980	123878
T	446m SE	Tanks	1990	138095
T	446m SE	Unspecified Tank	1980	114340
T	446m SE	Tanks	1990	127272
T	449m SE	Tanks	1980	106328
13	452m S	Unspecified Tank	1991 - 1993	141979
14	452m SE	Unspecified Tank	1957 - 1963	126894
T	452m SE	Unspecified Tank	1980	114341
T	452m SE	Tanks	1990	139402
Y	455m SW	Unspecified Tank	1978 - 1994	133482



ID	Location	Land use	Dates present	Group ID
O	456m SE	Unspecified Tank	1891	114339
X	463m E	Unspecified Tank	1980	114334
X	464m E	Tanks	1980	106327
AB	465m NE	Unspecified Tank	1967 - 1984	147173
X	466m E	Tanks	1980	144804
AB	470m NE	Unspecified Tank	1967 - 1984	136289
T	471m SE	Tanks	1994	137275
T	471m SE	Tanks	1980	123476
O	472m SE	Unspecified Tank	1891	114338
X	472m E	Tanks	1980	135944
Z	476m S	Unspecified Tank	1978	114345
15	477m S	Unspecified Tank	1980	114344
T	482m SE	Unspecified Tank	1980 - 1994	137063
X	487m E	Unspecified Tank	1980	129728
T	487m SE	Unspecified Tank	1990	144847
T	488m SE	Unspecified Tank	1994	130806

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

14

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
C	On site	Electricity Substation	1970 - 1980	70630
F	106m N	Electricity Substation	1985 - 1993	67581



ID	Location	Land use	Dates present	Group ID
3	159m SW	Electricity Substation	1970 - 1994	65778
H	189m NW	Electricity Substations	1985 - 1993	66855
H	190m NW	Electricity Substations	1967	79661
H	194m NW	Electricity Substations	1967	79386
D	237m E	Electricity Substation	1990 - 1994	71613
B	254m E	Electricity Substation	1994	75848
6	269m N	Electricity Substation	1956 - 1993	84007
8	314m S	Electricity Substation	1989 - 1994	74097
O	337m E	Electricity Substation	1980	66369
Y	425m SW	Electricity Substation	1978 - 1994	84972
Z	427m S	Electricity Substation	1980 - 1989	79673
Z	431m S	Electricity Substation	1994	82944

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

3

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

Features are displayed on the Past land use map on **page 14**



ID	Location	Land use	Dates present	Group ID
C	On site	Garage	1970	23783
C	On site	Garage	1978 - 1989	26914
5	267m N	Garage	1985 - 1993	25365

This data is sourced from Ordnance Survey / Groundsure.

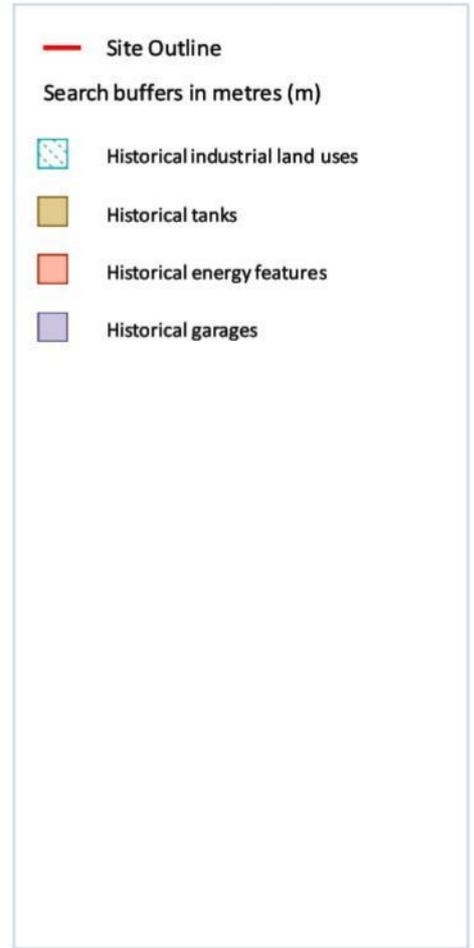
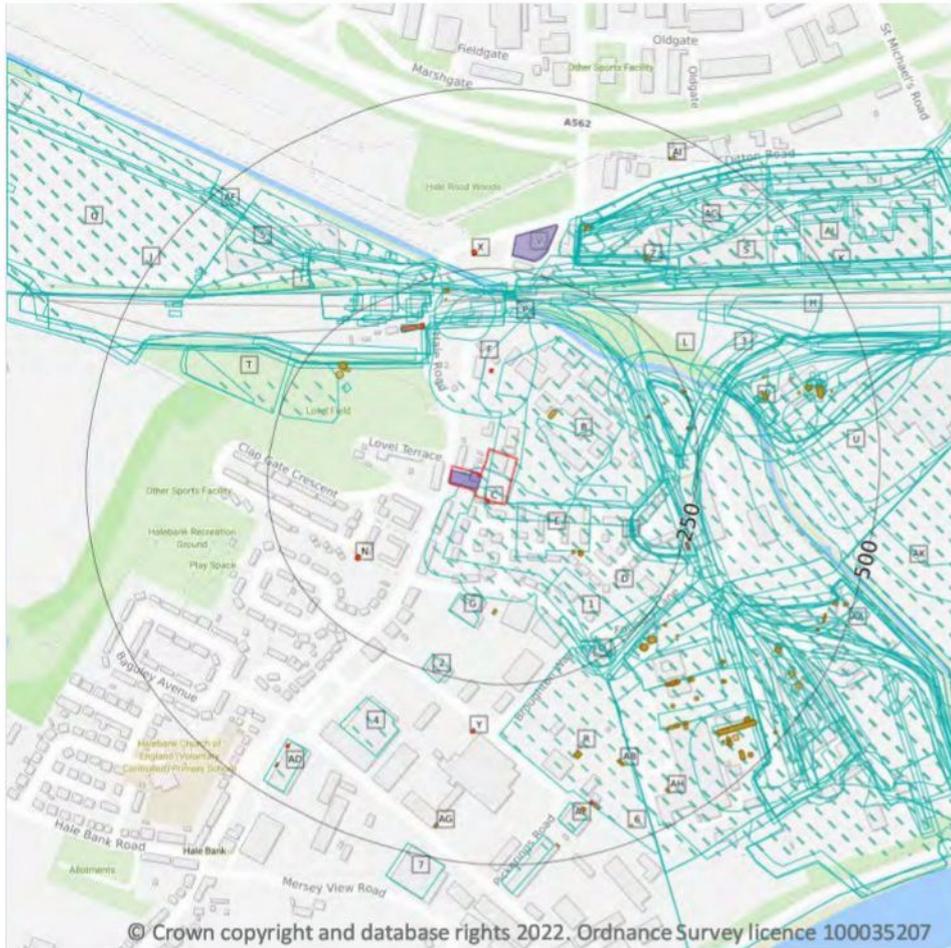
1.6 Historical military land

Records within 500m	0
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m **208**

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 ungrouped 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 27**

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1968	903028
B	On site	Unspecified Commercial/Industrial	1982	796541
D	On site	Scrap Metal Yard	1968	837273

ID	Location	Land Use	Date	Group ID
B	2m E	Unspecified Works	1968	830163
E	16m E	Unspecified Warehouse	1982	807112
F	44m N	Pumping Station	1982	822114
B	49m E	Unspecified Heap	1953	803189
A	88m E	Unspecified Depot	1982	818365
1	120m SE	Unspecified Depot	1982	818364
G	130m S	Unspecified Warehouse	1982	807118
H	143m N	Railway Sidings	1891	844559
I	145m NW	Railway Sidings	1905	903029
J	145m NW	Railway Sidings	1925	950480
K	147m N	Railway Sidings	1938	973060
L	150m N	Railway Sidings	1894	859559
H	150m NE	Unspecified Heap	1891	879459
K	150m NE	Timber Yard	1968	796280
J	152m N	Unspecified Depot	1982	818363
M	153m NW	Railway Sidings	1953	984353
M	154m NW	Railway Sidings	1968	844694
M	154m NW	Railway Sidings	1982	844667
J	155m N	Railway Sidings	1925	892882
D	171m E	Unspecified Heap	1891	911601
D	171m E	Unspecified Heap	1953	920461
J	172m NW	Sludge Beds	1968	832242
D	172m E	Unspecified Heap	1894	966115
D	173m E	Unspecified Ground Workings	1925	800144
D	173m E	Unspecified Heap	1925	885401
D	173m E	Unspecified Heap	1905	885401
D	174m E	Refuse Heap	1938	915454
D	174m E	Refuse Heap	1938	915454



ID	Location	Land Use	Date	Group ID
O	174m SE	Unspecified Ground Workings	1938	945418
O	174m SE	Unspecified Ground Workings	1938	945418
J	175m N	Railway Station	1968	822922
H	175m E	Cuttings	1891	795710
J	176m NW	Pump House	1982	843828
P	181m N	Wharf	1851	831103
H	183m E	Railway Sidings	1905	903028
J	193m NW	Railway Building	1968	921400
J	193m NW	Railway Building	1982	921400
O	194m E	Railway Sidings	1953	988809
J	203m NW	Railway Station	1891	895293
J	203m NW	Railway Buildings	1894	833611
H	204m NE	Unspecified Ground Workings	1925	924001
H	204m NE	Unspecified Heap	1925	857473
H	204m NE	Unspecified Heap	1905	857473
J	204m NW	Railway Station	1938	894646
J	205m NW	Railway Station	1925	971422
J	206m NW	Railway Station	1925	971422
J	206m NW	Railway Station	1905	971422
H	206m NE	Unspecified Ground Workings	1938	910734
H	206m NE	Unspecified Ground Workings	1938	910734
P	207m N	Railway Sidings	1905	988407
J	207m NW	Railway Station	1982	913423
H	209m E	Unspecified Heap	1953	950831
P	210m N	Railway Building	1894	925293
Q	211m N	Railway Sidings	1925	885112
P	212m N	Railway Building	1938	966606
P	213m N	Railway Building	1925	925293



ID	Location	Land Use	Date	Group ID
P	213m N	Railway Building	1905	925293
P	214m N	Railway Station	1851	822924
O	215m SE	Unspecified Pit	1953	839626
J	215m NW	Railway Station	1953	894646
O	217m SE	Unspecified Heap	1925	907865
O	217m SE	Unspecified Heap	1905	907865
J	218m NW	Railway Building	1894	849506
R	219m SE	Unspecified Depot	1982	818367
S	220m N	Railway Sidings	1968	959430
J	220m NW	Railway Building	1891	849506
O	221m SE	Unspecified Ground Workings	1891	986997
S	227m N	Railway Sidings	1953	984352
L	227m N	Railway Sidings	1851	849807
2	228m S	Unspecified Depot	1982	818368
J	228m N	Railway Building	1894	865263
H	238m E	Unspecified Pit	1925	907077
H	238m E	Unspecified Pit	1905	907077
J	242m N	Unspecified Ground Workings	1905	800113
L	242m N	Scrap Metal Yard	1968	837274
J	246m NW	Railway Building	1894	819438
S	248m NE	Railway Sidings	1905	903030
J	248m NW	Railway Building	1891	819439
J	250m NW	Railway Station	1894	946919
J	251m NW	Railway Building	1891	819437
L	254m N	Unspecified Pit	1925	839637
T	258m W	Sludge Beds	1968	832243
O	258m SE	Gelatine Works	1925	962040
O	262m SE	Unspecified Works	1938	850832



ID	Location	Land Use	Date	Group ID
O	263m SE	Unspecified Tank	1982	824865
O	263m SE	Gelatine Works	1925	962040
J	264m NW	Railway Building	1891	819421
O	264m SE	Gelatine Works	1953	881279
U	264m E	Timber Yard	1968	912997
O	267m SE	Unspecified Works	1968	856242
O	267m SE	Unspecified Works	1982	856242
S	267m NE	Railway Sidings	1925	984352
W	267m E	Tar Works	1925	934438
O	270m SE	Railway Sidings	1968	903025
S	273m N	Copper Works	1891	918571
W	275m E	Cement Works	1891	963888
O	276m E	Extract Works	1938	832161
O	277m SE	Refuse Heap	1953	828720
S	280m N	Unspecified Works	1925	959200
S	281m N	Copper Works	1894	918571
L	281m N	Refuse Heap	1938	947584
L	281m N	Refuse Heap	1938	947584
S	281m N	Unspecified Works	1938	876950
O	283m E	Railway Building	1925	819415
L	284m N	Unspecified Mill	1953	810247
S	284m N	Unspecified Works	1925	959200
S	284m N	Railway Sidings	1925	903030
W	286m E	Cement Works	1894	963888
T	288m W	Unspecified Pit	1982	839631
3	289m NE	Unspecified Heap	1982	803190
J	291m NW	Railway Building	1953	915415
W	292m E	Tar Works	1925	855321



ID	Location	Land Use	Date	Group ID
S	293m N	Unspecified Works	1953	964016
S	293m N	Timber Yard	1968	854095
S	296m N	Timber Yard	1982	930182
J	297m NW	Railway Building	1982	925827
W	298m E	Tar Works	1938	855321
W	301m NE	Timber Yard	1982	855140
L	301m N	Refuse Heap	1953	909140
W	305m E	Railway Sidings	1905	903028
W	305m E	Disused Cement Works	1905	821930
L	308m N	Railway Sidings	1968	979737
O	309m SE	Railway Sidings	1894	903025
O	312m SE	Railway Sidings	1925	903025
Q	312m NW	Sleeper Depot	1925	941262
W	313m E	Tar Works	1925	986781
Q	313m NW	Sleeper Depot	1938	941262
J	314m N	Railway Building	1982	819419
4	316m SW	Unspecified Warehouse	1982	807117
W	317m E	Manure Works	1925	869437
S	319m N	Copper Works	1905	847576
O	321m E	Railway Sidings	1925	869167
Z	325m NE	Corn Windmill	1851	806892
W	329m E	Manure Works	1925	858660
W	331m E	Manure Works	1938	858660
I	331m NW	Railway Buildings	1925	833609
U	335m E	Unspecified Commercial/Industrial	1982	796542
I	337m NW	Railway Building	1953	819424
O	337m SE	Disused Iron Works	1894	818927
O	341m SE	Iron Works	1891	853449



ID	Location	Land Use	Date	Group ID
O	343m SE	Unspecified Works	1925	875041
U	343m NE	Railway Sidings	1968	954476
W	345m E	Unspecified Tank	1891	824592
O	345m SE	Iron Works	1851	853449
O	345m SE	Railway Sidings	1851	926951
O	345m SE	Unspecified Works	1925	875041
O	346m SE	Railway Sidings	1905	903025
O	346m SE	Oil Distillery	1905	814720
AA	350m SE	Fertiliser Works	1925	806854
I	354m NW	Railway Building	1953	819420
W	354m E	Unspecified Tanks	1905	815257
5	355m NW	Unspecified Ground Workings	1905	800114
O	362m E	Extracting Works	1953	831127
U	371m E	Unspecified Mills	1968	808165
O	381m SE	Quay	1851	808073
AC	392m NE	Unspecified Ground Workings	1938	885832
AC	392m NE	Unspecified Ground Workings	1938	885832
W	393m E	Unspecified Tank	1905	824593
W	400m E	Unspecified Ground Workings	1905	971150
O	404m SE	Sludge Beds	1982	832241
W	406m E	Unspecified Tanks	1891	878351
AA	409m E	Unspecified Pit	1905	839630
W	411m E	Unspecified Tank	1894	884758
W	412m E	Unspecified Tank	1925	906346
W	412m E	Unspecified Tanks	1925	936988
W	412m E	Unspecified Tanks	1905	849334
W	412m E	Unspecified Tanks	1938	936988
M	414m NW	Unspecified Pit	1905	839633



ID	Location	Land Use	Date	Group ID
AD	418m SW	Unspecified Warehouse	1982	807116
W	420m E	Unspecified Tank	1953	824595
O	421m SE	Unspecified Tank	1894	851002
O	421m SE	Unspecified Tanks	1982	815262
O	422m SE	Unspecified Tank	1891	824866
W	423m E	Unspecified Ground Workings	1953	855463
AE	423m S	Unspecified Warehouse	1982	807113
O	424m SE	Unspecified Tank	1905	851002
W	425m E	Unspecified Tanks	1925	925351
W	425m E	Unspecified Tank	1894	824597
W	426m E	Unspecified Tank	1894	824596
M	427m NW	Railway Building	1894	819436
W	431m E	Railway Sidings	1925	885313
W	432m E	Unspecified Tanks	1953	973259
M	432m NW	Railway Building	1925	819422
M	433m NW	Railway Building	1968	865132
M	436m NW	Railway Building	1953	983502
M	437m NW	Railway Building	1953	819423
AF	447m NW	Railway Buildings	1925	833607
AF	453m NW	Railway Buildings	1953	936342
AF	453m NW	Railway Buildings	1968	889554
AF	453m NW	Railway Buildings	1982	889554
O	453m SE	Unspecified Tank	1894	824863
O	454m SE	Unspecified Tank	1891	824864
AE	461m S	Unspecified Warehouse	1982	807114
AJ	466m NE	Unspecified Mill	1982	917089
AJ	467m NE	Unspecified Tank	1925	824606
AJ	467m NE	Unspecified Mill	1968	917089



ID	Location	Land Use	Date	Group ID
O	469m SE	Unspecified Tank	1891	824862
AK	470m E	Fertiliser Works	1925	959744
AK	470m E	Refuse Heap	1938	920543
AK	470m E	Fertiliser Works	1938	959744
AK	470m E	Refuse Heap	1938	920543
S	475m NE	Railway Building	1905	819418
AK	482m E	Refuse Heap	1953	920543
7	488m S	Unspecified Warehouse	1982	807115
O	496m SE	Unspecified Tank	1851	824861

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

202

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 27**

ID	Location	Land Use	Date	Group ID
B	72m NE	Tanks	1980	134834
B	72m NE	Tanks	1978	134834
E	112m SE	Unspecified Tank	1980	148610
E	113m SE	Unspecified Tank	1980	148610
E	121m SE	Unspecified Tank	1994	138881
E	121m SE	Unspecified Tank	1994	138881
E	121m SE	Unspecified Tank	1994	138881
E	121m SE	Unspecified Tank	1994	138881
E	122m SE	Unspecified Tank	1990	138881
E	122m SE	Unspecified Tank	1990	138881
G	146m S	Unspecified Tank	1994	136862



ID	Location	Land Use	Date	Group ID
G	146m S	Unspecified Tank	1989	136862
H	187m E	Unspecified Tank	1990	138340
H	187m E	Unspecified Tank	1990	138340
H	188m E	Unspecified Tank	1994	138340
H	188m E	Unspecified Tank	1994	138340
H	188m E	Unspecified Tank	1994	138340
H	188m E	Unspecified Tank	1994	138340
J	193m NW	Tanks	1937	106318
J	195m NW	Tanks	1937	106319
J	200m NW	Unspecified Tank	1956	144512
J	200m NW	Unspecified Tank	1956	132039
J	200m NW	Unspecified Tank	1967	132039
J	215m N	Unspecified Tank	1937	114312
H	216m E	Unspecified Tank	1994	148020
H	216m E	Unspecified Tank	1991	125106
J	225m N	Unspecified Tank	1907	143827
J	225m N	Unspecified Tank	1927	143827
J	228m N	Unspecified Tank	1956	147327
H	244m E	Unspecified Tank	1994	134444
H	245m NE	Unspecified Tank	1991	134444
O	270m SE	Unspecified Tank	1994	133103
O	270m SE	Unspecified Tank	1980	140773
O	270m SE	Tanks	1994	125372
O	270m SE	Tanks	1994	125372
O	270m SE	Tanks	1994	125372
O	271m SE	Unspecified Tank	1994	140773
O	271m SE	Unspecified Tank	1980	127799
O	271m SE	Unspecified Tank	1990	127799



ID	Location	Land Use	Date	Group ID
O	271m SE	Unspecified Tank	1990	127799
O	275m SE	Unspecified Tank	1957	126636
O	275m SE	Unspecified Tank	1957	126636
J	284m N	Unspecified Tank	1967	114313
O	298m SE	Tanks	1937	106329
O	301m SE	Tanks	1937	106330
Z	329m NE	Unspecified Tank	1994	135560
L	329m N	Unspecified Tank	1994	140941
L	329m N	Unspecified Tank	1991	140941
Z	330m NE	Unspecified Tank	1991	135560
L	333m N	Tanks	1994	148737
O	333m SE	Tanks	1990	138222
O	333m SE	Tanks	1990	138222
O	334m SE	Unspecified Tank	1994	123342
O	334m SE	Unspecified Tank	1994	123342
O	334m SE	Unspecified Tank	1994	123342
O	334m SE	Unspecified Tank	1994	123342
L	334m N	Tanks	1991	148737
O	336m SE	Tanks	1994	139652
O	336m SE	Tanks	1994	139652
O	336m SE	Tanks	1994	139652
O	336m SE	Tanks	1994	139652
O	339m SE	Unspecified Tank	1980	145064
O	340m SE	Unspecified Tank	1980	145064
W	347m E	Tanks	1984	106317
W	349m E	Unspecified Tank	1891	140695
W	349m E	Unspecified Tank	1907	126021
O	350m SE	Unspecified Tank	1994	142920



ID	Location	Land Use	Date	Group ID
O	350m SE	Unspecified Tank	1994	142920
O	350m SE	Unspecified Tank	1994	142920
O	350m SE	Unspecified Tank	1994	142920
O	350m SE	Unspecified Tank	1980	142920
O	351m SE	Unspecified Tank	1980	142920
O	351m SE	Unspecified Tank	1990	142920
O	351m SE	Unspecified Tank	1990	142920
R	356m S	Tanks	1994	129934
R	356m S	Tanks	1994	129934
R	356m S	Tanks	1994	129934
R	356m S	Tanks	1994	129934
R	356m S	Tanks	1980	130745
R	356m S	Tanks	1980	129934
R	356m S	Tanks	1990	129934
R	356m S	Tanks	1990	129934
W	356m E	Tanks	1891	106316
O	360m SE	Unspecified Tank	1957	138891
O	361m SE	Unspecified Tank	1957	138891
O	368m SE	Unspecified Tank	1980	128491
O	369m SE	Unspecified Tank	1994	128491
O	369m SE	Unspecified Tank	1994	128491
O	369m SE	Unspecified Tank	1994	128491
O	369m SE	Unspecified Tank	1994	128491
O	370m SE	Unspecified Tank	1980	134413
O	370m SE	Unspecified Tank	1990	134413
O	370m SE	Unspecified Tank	1990	134413
O	375m SE	Unspecified Tank	1957	127489
O	375m SE	Unspecified Tank	1957	127489



ID	Location	Land Use	Date	Group ID
O	382m SE	Tanks	1980	126687
O	382m SE	Tanks	1980	126687
O	385m SE	Unspecified Tank	1957	141331
O	385m SE	Unspecified Tank	1957	141331
O	386m SE	Unspecified Tank	1994	131044
O	386m SE	Unspecified Tank	1994	131044
O	386m SE	Unspecified Tank	1994	131044
O	386m SE	Unspecified Tank	1994	131044
O	386m SE	Unspecified Tank	1994	131044
O	386m SE	Unspecified Tank	1980	123154
AB	387m SE	Tanks	1980	124548
O	387m SE	Unspecified Tank	1980	131044
O	387m SE	Unspecified Tank	1990	131044
O	387m SE	Unspecified Tank	1990	131044
AB	388m SE	Tanks	1994	124548
AB	388m SE	Tanks	1994	124548
AB	388m SE	Tanks	1994	124548
AB	388m SE	Tanks	1994	124548
AB	388m SE	Tanks	1980	124548
AB	388m SE	Tanks	1990	124548
AB	388m SE	Tanks	1990	124548
O	389m SE	Tanks	1990	133703
O	389m SE	Tanks	1990	133703
O	390m SE	Unspecified Tank	1957	137522
O	390m SE	Unspecified Tank	1980	137522
O	390m SE	Unspecified Tank	1957	137522
W	390m E	Unspecified Tank	1907	114322
O	391m SE	Unspecified Tank	1980	137522
W	398m E	Unspecified Tank	1907	114316



ID	Location	Land Use	Date	Group ID
W	410m E	Unspecified Tank	1891	127016
W	410m E	Unspecified Tank	1907	128250
W	410m E	Unspecified Tank	1927	128250
O	422m SE	Unspecified Tank	1907	134024
W	424m E	Tanks	1907	148842
W	424m E	Tanks	1927	148842
W	424m E	Tanks	1937	148842
W	424m E	Tanks	1891	144455
O	424m SE	Unspecified Tank	1891	140313
O	429m SE	Tanks	1994	142775
O	429m SE	Tanks	1994	142775
O	429m SE	Tanks	1994	142775
O	429m SE	Tanks	1994	142775
O	429m SE	Tanks	1994	142775
O	430m SE	Tanks	1980	142775
O	430m SE	Tanks	1980	142775
O	430m SE	Tanks	1990	142775
O	430m SE	Tanks	1990	142775
AE	433m S	Unspecified Tank	1994	134201
AE	433m S	Unspecified Tank	1980	134201
AE	433m S	Unspecified Tank	1989	134201
AE	433m S	Unspecified Tank	1994	134201
W	442m E	Unspecified Tank	1927	114321
O	444m SE	Unspecified Tank	1980	128629
O	444m SE	Unspecified Tank	1957	128629
O	444m SE	Tanks	1994	148462
O	444m SE	Unspecified Tank	1957	128629
O	444m SE	Tanks	1994	148462
O	444m SE	Tanks	1994	148462



ID	Location	Land Use	Date	Group ID
O	444m SE	Tanks	1994	148462
O	445m SE	Unspecified Tank	1980	128629
O	445m SE	Unspecified Tank	1990	128629
O	445m SE	Unspecified Tank	1990	128629
O	445m SE	Tanks	1980	123878
O	446m SE	Tanks	1990	138095
O	446m SE	Unspecified Tank	1980	114340
O	446m SE	Tanks	1990	127272
O	449m SE	Tanks	1980	106328
AG	452m S	Unspecified Tank	1991	141979
AG	452m S	Unspecified Tank	1993	141979
O	452m SE	Unspecified Tank	1980	114341
O	452m SE	Tanks	1990	139402
AH	452m SE	Unspecified Tank	1957	126894
AH	452m SE	Unspecified Tank	1963	126894
AD	455m SW	Unspecified Tank	1980	133482
AD	455m SW	Unspecified Tank	1989	133482
AD	455m SW	Unspecified Tank	1978	133482
AD	455m SW	Unspecified Tank	1994	133482
O	456m SE	Unspecified Tank	1891	114339
AA	463m E	Unspecified Tank	1980	114334
AA	464m E	Tanks	1980	106327
AI	465m NE	Unspecified Tank	1967	147173
AI	466m NE	Unspecified Tank	1984	147173
AA	466m E	Tanks	1980	144804
AA	467m E	Tanks	1980	144804
AI	470m NE	Unspecified Tank	1967	136289
AI	470m NE	Unspecified Tank	1984	136289



ID	Location	Land Use	Date	Group ID
O	471m SE	Tanks	1994	137275
O	471m SE	Tanks	1994	137275
O	471m SE	Tanks	1994	137275
O	471m SE	Tanks	1994	137275
O	471m SE	Tanks	1980	123476
O	472m SE	Unspecified Tank	1891	114338
AA	472m E	Tanks	1980	135944
AA	473m E	Tanks	1980	135944
AE	476m S	Unspecified Tank	1978	114345
6	477m S	Unspecified Tank	1980	114344
O	482m SE	Unspecified Tank	1980	137063
O	482m SE	Unspecified Tank	1994	137063
O	482m SE	Unspecified Tank	1994	137063
O	482m SE	Unspecified Tank	1994	137063
O	482m SE	Unspecified Tank	1994	137063
AA	487m E	Unspecified Tank	1980	129728
O	487m SE	Unspecified Tank	1990	144847
O	487m SE	Unspecified Tank	1990	144847
AA	488m E	Unspecified Tank	1980	129728
O	488m SE	Unspecified Tank	1994	130806
O	488m SE	Unspecified Tank	1994	130806
O	488m SE	Unspecified Tank	1994	130806
O	488m SE	Unspecified Tank	1994	130806

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

39

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 27**

ID	Location	Land Use	Date	Group ID
C	On site	Electricity Substation	1970	70630
C	0m SW	Electricity Substation	1980	70630
C	0m SW	Electricity Substation	1978	70630
F	106m N	Electricity Substation	1993	67581
F	107m N	Electricity Substation	1985	67581
N	159m SW	Electricity Substation	1980	65778
N	159m SW	Electricity Substation	1989	65778
N	159m SW	Electricity Substation	1978	65778
N	160m SW	Electricity Substation	1970	65778
N	161m SW	Electricity Substation	1994	65778
J	189m NW	Electricity Substations	1993	66855
J	190m NW	Electricity Substations	1985	66855
J	190m NW	Electricity Substations	1967	79661
J	194m NW	Electricity Substations	1967	79386
H	237m E	Electricity Substation	1990	71613
H	237m E	Electricity Substation	1990	71613
H	239m E	Electricity Substation	1994	71613
H	239m E	Electricity Substation	1994	71613
H	239m E	Electricity Substation	1994	71613
H	239m E	Electricity Substation	1994	71613
D	254m E	Electricity Substation	1994	75848
D	254m E	Electricity Substation	1994	75848
X	269m N	Electricity Substation	1993	84007



ID	Location	Land Use	Date	Group ID
X	270m N	Electricity Substation	1956	84007
X	270m N	Electricity Substation	1967	84007
X	270m N	Electricity Substation	1956	84007
X	271m N	Electricity Substation	1985	84007
Y	314m S	Electricity Substation	1989	74097
Y	315m S	Electricity Substation	1994	74097
O	337m E	Electricity Substation	1980	66369
O	339m E	Electricity Substation	1980	66369
AD	425m SW	Electricity Substation	1980	84972
AD	425m SW	Electricity Substation	1989	84972
AD	425m SW	Electricity Substation	1978	84972
AD	425m SW	Electricity Substation	1994	84972
AE	427m S	Electricity Substation	1980	79673
AE	427m S	Electricity Substation	1989	79673
AE	431m S	Electricity Substation	1994	82944
AE	431m S	Electricity Substation	1994	82944

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

6

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



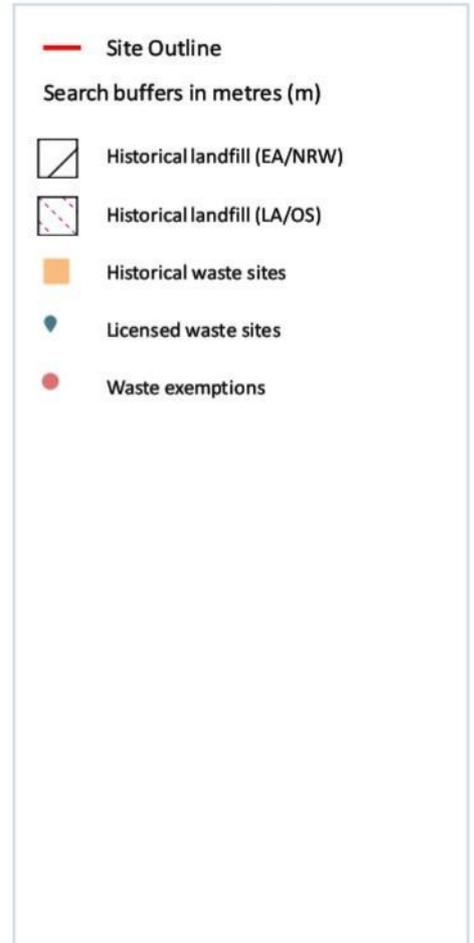
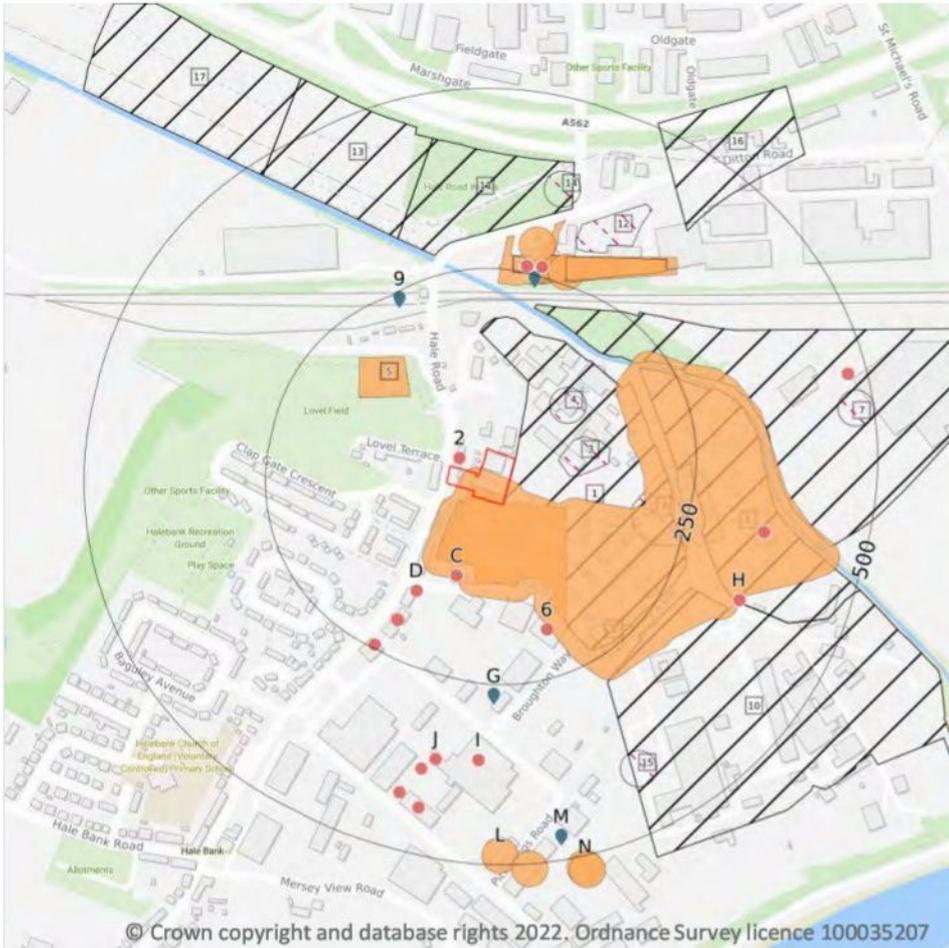
Features are displayed on the Past land use - un-grouped map on **page 27**

ID	Location	Land Use	Date	Group ID
C	On site	Garage	1980	26914
C	On site	Garage	1989	26914
C	On site	Garage	1978	26914
C	On site	Garage	1970	23783
V	267m N	Garage	1993	25365
V	268m N	Garage	1985	25365

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m

8

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

Features are displayed on the Waste and landfill map on **page 46**

ID	Location	Site address	Source	Data type
3	60m E	Hale Road, Ditton, Widnes	Halton Borough Council and historical mapping	Polygon
4	79m NE	Pickerings Road, Halebank Industrial Estate, Widnes	Halton Borough Council	Point
A	173m E	Foundry Lane, Ditton, Widnes	Halton Borough Council and historical mapping	Polygon
8	210m SE	Foundry Lane, Halton	Halton Borough Council and historical mapping	Polygon
12	303m N	Hale Road, Ditton, Widnes	Halton Borough Council and historical mapping	Polygon
14	350m N	Prescott and Mort, Hale Road, Widnes	Halton Borough Council	Point
15	386m SE	Ditton Marsh, Widnes	Halton Borough Council	Point
K	450m E	Ditton Marsh, Widnes	Halton Borough Council	Point

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

8

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

Features are displayed on the Waste and landfill map on **page 46**



ID	Location	Details		
1	On site	Site Address: Pickerings Road, Halebank Industrial Estate, Ditton, Hale, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: GDO 259, GDO 256, GDO 255, GDO 258 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
7	188m NE	Site Address: Ditton Marsh, Off Foundry Lane, Widnes Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1859 Last Recorded: -
E	204m E	Site Address: Foundry Lane, Widnes Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
10	261m SE	Site Address: Foundry Lane, Widnes, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: GDO 254 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
11	277m N	Site Address: Hale Road, Ditton Brook, Widnes, Merseyside Licence Holder Address: -	Waste Licence: - Site Reference: M256 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
13	316m NW	Site Address: Hale Road Site Works, Hale Road, Widnes Licence Holder Address: Harrison Street, Ditton, Widnes	Waste Licence: Yes Site Reference: GDO 257, 60306 Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/06/1977 Licence Surrender: -	Operator: - Licence Holder: Prescott and Morr Limited First Recorded 31/12/1977 Last Recorded: 31/12/1983



ID	Location	Details		
16	395m NE	Site Address: Croda Colloids, Ditton Road, Widnes Licence Holder Address: -	Waste Licence: Yes Site Reference: 60312 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 26/07/1976 Licence Surrender: 14/06/1987	Operator: - Licence Holder: Croda Colloids Limited First Recorded 01/01/1860 Last Recorded: 13/06/1987
17	478m NW	Site Address: Land situated between Speke Road and Ditton Brook, Widnes, Merseyside Licence Holder Address: Waste Disposal Authority, Backford Hall, Near Chester	Waste Licence: Yes Site Reference: 60560, GDO 247 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 09/11/1986 Licence Surrender: -	Operator: Cheshire County Council Licence Holder: Cheshire County Council First Recorded 01/01/1977 Last Recorded: 31/12/1988

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

3.5 Historical waste sites

Records within 500m	19
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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 46**

ID	Location	Address	Further Details	Date
A	On site	Site Address: N/A	Type of Site: Scrap Metal Yard (B) Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1968
B	On site	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1956
B	On site	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1956



ID	Location	Address	Further Details	Date
5	111m NW	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
F	229m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
F	235m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1993
F	235m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1993
F	235m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
F	239m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
F	241m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1968
F	242m N	Site Address: Hale Road, Hale Road, WIDNES, Cheshire, WA8	Type of Site: Waste Transfer Building (Alts) Planning application reference: 97/00512/CPO Description: Repositioning of Waste transfer building. (Previous approval 96/00571/CPO). An application (ref: 97/00512/CPO) for Detailed Planning permission was submitted to Halton B.C. on 22nd August 1997. Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
F	253m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1984
F	255m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1990
F	256m N	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
F	266m N	Site Address: Millhouse Garage, Hale Road, WIDNES, Cheshire, WA8 0TL	Type of Site: Waste Transfer Station Planning application reference: 96/00571/CPO Description: Erection of building and use of yard for waste transfer station. Construction - Railway sleepers and sheeting walls; Sheeting with 10% Rooflights roofing. An application (ref: 96/00571/CPO) for Detailed Planning permission was submitted to Halton B. C. on 27th September 1996. Data source: Historic Planning Application Data Type: Point	-
L	462m S	Site Address: Pickerings Road, Widnes, WIDNES, Cheshire, WA8 8X	Type of Site: Waste Transfer/Sorting Station Planning application reference: 10/00195/COU Description: Scheme comprises change of use from timber yard to waste transfer/sorting station. An application (ref: 10/00195/COU) for detailed planning permission was granted by Halton B.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	22/11/201 0
L	481m S	Site Address: Yield House,Pickerings Road, Yield UK Ltd, WIDNES, Cheshire, WA8 8XW	Type of Site: Recycling Centre Planning application reference: 07/00896/COU Description: Scheme comprises change of use from pallet yard to recycling centre. An application (ref: 07/00896/COU) for detailed planning permission was granted by Halton B.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
N	491m S	Site Address: GSH Waste Recycling Limited, Pickerings Road, Widnes, Cheshire, WA8 8XW	Type of Site: Waste Recycling Centre (Extension/Alterations) Planning application reference: 20/00396/WST Description: Scheme comprises proposed installation of a second site waste drainage receptor, internal and external alterations to the main hub building, single storey extension to the north east elevation of the hub to provide a new weigh bridge building, along with improvements to the sites north eastern access on to pickerings Road and car parking improvements at GSH Waste Recycling Limited Pickerings Road Widnes Cheshire WA8 8XW Data source: Historic Planning Application Data Type: Point	03/08/202 0
N	495m S	Site Address: Grundy Skip Hire Ltd, Pickerings Road, Halebank, WIDNES, Cheshire, WA8 8XW	Type of Site: Waste Transfer Station Planning application reference: 09/00450/COU Description: Scheme comprises change of use from timber yard to waste transfer/sorting station, portal frame extension to building and additional cladding to sorting building. Construction - pitched roof; portal frame. An application (ref: 09/00450/COU) for detaile planning permission was granted by Halton B.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	20/04/201 0

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

3.6 Licensed waste sites

Records within 500m	8
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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 46**

ID	Location	Details		
9	240m NW	Site Name: Widnes Skip & Reclaim Site Address: Millhouse Sidings, Hale Road, Widnes, Cheshire, WA8 OTL Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NHP001 EPR reference: EA/EPR/UP3292CD/S002 Operator: Nicholas & Harold Prescott Waste Management licence No: 53445 Annual Tonnage: 5000	Issue Date: 24/09/1999 Effective Date: - Modified: - Surrendered Date: Jul 30 2004 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
F	243m N	Site Name: Land Adj To Millhouse Garage Site Address: Millhouse Garage, Hale Road, Widnes, Cheshire, WA8 OTL Correspondence Address: -	Type of Site: 75kte WEEE Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIL106 EPR reference: EA/EPR/NB3332RD/A001 Operator: Mill House Metals Limited Waste Management licence No: 400051 Annual Tonnage: 74999	Issue Date: 06/02/2013 Effective Date: - Modified: - Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Issued
F	243m N	Site Name: Land Adj To Millhouse Garage Site Address: Land Adj To Millhouse Garage, Hale Road, Widnes, Cheshire, WA8 OTL Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIL106 EPR reference: EA/EPR/NB3332RD/A001 Operator: Mill House Metals Limited Waste Management licence No: 400051 Annual Tonnage: 74999.999	Issue Date: 06/02/2013 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
F	243m N	Site Name: Land Adj To Millhouse Garage Site Address: Land Adj To Millhouse Garage, Hale Road, Widnes, Cheshire, WA8 0TL Correspondence Address: -	Type of Site: 75kte Metal Recycling Site Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MIL106 EPR reference: EA/EPR/NB3332RD/A001 Operator: Mill House Metals Limited Waste Management licence No: 400051 Annual Tonnage: 74999.999	Issue Date: 06/02/2013 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	266m S	Site Name: P N Skiphire Site Address: Halebank Ind Est, Pickerings Road, Halebank, Widnes, Cheshire, WA8 8XW Correspondence Address: 94, Lunts Heath Road, Widnes, Cheshire, WA8 5BD	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JNO001 EPR reference: - Operator: Nolan James Waste Management licence No: 53981 Annual Tonnage: 0	Issue Date: 30/12/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	266m S	Site Name: Grundy Skip Hire Ltd Site Address: Halebank Ind Est, Pickerings Road, Halebank, Widnes, Cheshire, WA8 8XW Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRU014 EPR reference: EA/EPR/CP3294VB/T001 Operator: Grundy Skip Hire Ltd Waste Management licence No: 53981 Annual Tonnage: 75000	Issue Date: 30/12/1987 Effective Date: 27/04/2009 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
M	468m S	Site Name: G S H Waste Recycling Ltd Site Address: G S H Waste Recycling Ltd, Pickerings Road, Halebank Ind Est, Widnes, Cheshire, WA8 8XW Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRU014 EPR reference: EA/EPR/CP3294VB/V002 Operator: G S H Waste Recycling Ltd Waste Management licence No: 53981 Annual Tonnage: 125000	Issue Date: 30/12/1987 Effective Date: 27/04/2009 Modified: 21/10/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
M	468m S	Site Name: G S H Waste Recycling Ltd Site Address: G S H Waste Recycling Ltd, Pickerings Road, Halebank Ind Est, Widnes, Cheshire, WA8 8XW Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRU014 EPR reference: EA/EPR/CP3294VB/V002 Operator: G S H Waste Recycling Ltd Waste Management licence No: 53981 Annual Tonnage: 125000	Issue Date: 30/12/1987 Effective Date: 27/04/2009 Modified: 21/10/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

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

3.7 Waste exemptions

Records within 500m

81

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 46**

ID	Location	Site	Reference	Category	Sub-Category	Description
2	13m N	Ditton Signal Box, Hale Road, Widnes, WA8 8TR	WEX108868	Using waste exemption	Not on a farm	Use of waste in construction
C	113m SW	Indigo Environmental Limited, Unit 12, Widnes Business Park, Widnes, WA8 8UB	WEX224889	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
C	113m SW	Indigo Environmental Limited, Unit 12, Widnes Business Park, Widnes, WA8 8UB	WEX224889	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	113m SW	Widnes Business Park, Foundry Land, Widnes, WA8 8UB	WEX248150	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	113m SW	Widnes Business Park, Foundry Land, Widnes, WA8 8UB	WEX248150	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
C	113m SW	Widnes Business Park, Foundry Land, Widnes, WA8 8UB	WEX248150	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
D	154m SW	-	WEX267176	Storing waste exemption	Not on a farm	Storage of waste in secure containers
6	185m S	FOUNDRY LANE HALE BANK WIDNES CHESHIRE WA8 8TZ	EPR/WH0274 UQ/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
D	200m SW	445 Hale Road WIDNES Cheshire WA8 8UU	EPR/YF0302B W/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
D	201m SW	445 Hale Road WIDNES Cheshire WA8 8UU	EPR/AF0706X G/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
D	201m SW	Strachans Chemist, 445 Hale Road, Hale Bank, Widnes, WA8 8UU	WEX127071	Storing waste exemption	Not on a farm	Storage of waste in secure containers
D	201m SW	445 Hale Road WIDNES Cheshire WA8 8UU	EPR/DF0202N X/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
D	246m SW	445, HALE ROAD, WIDNES, WA8 8UU	WEX252180	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	246m SW	445, HALE ROAD, WIDNES, WA8 8UU	WEX110807	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Storing waste exemption	Not on a farm	Storage of waste in secure containers



ID	Location	Site	Reference	Category	Sub-Category	Description
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Physical treatment of waste edible oil and fat to produce biodiesel
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Crushing and emptying waste vehicle oil filters
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Manual treatment of waste
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Sorting mixed waste
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Using waste exemption	Not on a farm	Use of depolluted end-of-life vehicles for vehicle parts
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Using waste exemption	Not on a farm	Use of waste derived biodiesel as fuel
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX289840	Using waste exemption	Not on a farm	Use of waste in construction
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Treating waste exemption	Not on a farm	Crushing and emptying waste vehicle oil filters
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Storing waste exemption	Not on a farm	Storage of waste in secure containers
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Using waste exemption	Not on a farm	Use of waste in construction
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Treating waste exemption	Not on a farm	Recovery of scrap metal
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Treating waste exemption	Not on a farm	Mechanical treatment of end-of-life tyres
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 0TL	WEX153250	Treating waste exemption	Not on a farm	Manual treatment of waste



ID	Location	Site	Reference	Category	Sub-Category	Description
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 OTL	WEX153250	Treating waste exemption	Not on a farm	Sorting mixed waste
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 OTL	WEX153250	Using waste exemption	Not on a farm	Use of depolluted end-of-life vehicles for vehicle parts
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 OTL	WEX153250	Using waste exemption	Not on a farm	Use of waste derived biodiesel as fuel
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 OTL	WEX153250	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
F	259m N	Millhouse Sidings, Hale Road, Widnes, WA8 OTL	WEX153250	Treating waste exemption	Not on a farm	Physical treatment of waste edible oil and fat to produce biodiesel
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in secure containers
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Sorting mixed waste
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Crushing and emptying waste vehicle oil filters
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Mechanical treatment of end-of-life tyres
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Recovery of scrap metal
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 OTL	EPR/XF0604N N/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste derived biodiesel as fuel



ID	Location	Site	Reference	Category	Sub-Category	Description
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 0TL	EPR/XF0604N N/A001	Treating waste exemption	Non-Agricultural Waste Only	Manual treatment of waste
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 0TL	EPR/XF0604N N/A001	Treating waste exemption	Non-Agricultural Waste Only	Physical treatment of waste edible oil and fat to produce biodiesel
F	262m N	Millhouse Sidings Hale Road WIDNES Cheshire WA8 0TL	EPR/XF0604N N/A001	Using waste exemption	Non-Agricultural Waste Only	Use of depolluted end-of-life vehicles for vehicle parts
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX246088	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX246088	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX246088	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
H	351m E	Unit 11, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX157468	Treating waste exemption	Not on a Farm	Preparatory treatments (baling, sorting, shredding etc)
H	351m E	Unit 11, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX157468	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
H	351m E	Unit 6 Widnes Business Park, Unit 6 Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX123832	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	351m E	Unit 6 Widnes Business Park, Unit 6 Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX123832	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX104225	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX104225	Treating waste exemption	Not on a farm	Cleaning, washing, spraying or coating relevant waste
H	351m E	Unit 6 Zone 2, Widnes Business Park, Foundry Lane, Widnes, WA8 8UD	WEX104225	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
E	357m E	2 DITTON COURT, FOUNDRY LANE, WIDNES, WA8 8WL	WEX251437	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	357m E	2 DITTON COURT, FOUNDRY LANE, WIDNES, WA8 8WL	WEX251437	Treating waste exemption	Not on a farm	Manual treatment of waste
E	357m E	2 DITTON COURT, FOUNDRY LANE, WIDNES, WA8 8WL	WEX251437	Treating waste exemption	Not on a farm	Sorting mixed waste
E	357m E	2 DITTON COURT, FOUNDRY LANE, WIDNES, WA8 8WL	WEX251437	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	357m E	2 DITTON COURT, FOUNDRY LANE, WIDNES, WA8 8WL	WEX251437	Treating waste exemption	Not on a farm	Recovery of textiles
I	357m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/WF0403P T/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Mechanical treatment of end-of-life tyres
I	357m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/WF0403P T/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
I	357m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/WF0403P T/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
I	357m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/WF0403P T/A001	Using waste exemption	Non-Agricultural Waste Only	Use of depolluted end-of- life vehicles for vehicle parts
I	357m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/WF0403P T/A001	Using waste exemption	Non-Agricultural Waste Only	Use of baled end-of-life tyres in construction
J	366m S	YIELD HOUSE PICKERINGS ROAD WIDNES CHESHIRE WA8 8XW	EPR/XF0006W E/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
J	366m S	YIELD HOUSE PICKERINGS ROAD WIDNES CHESHIRE WA8 8XW	EPR/XF0006W E/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)

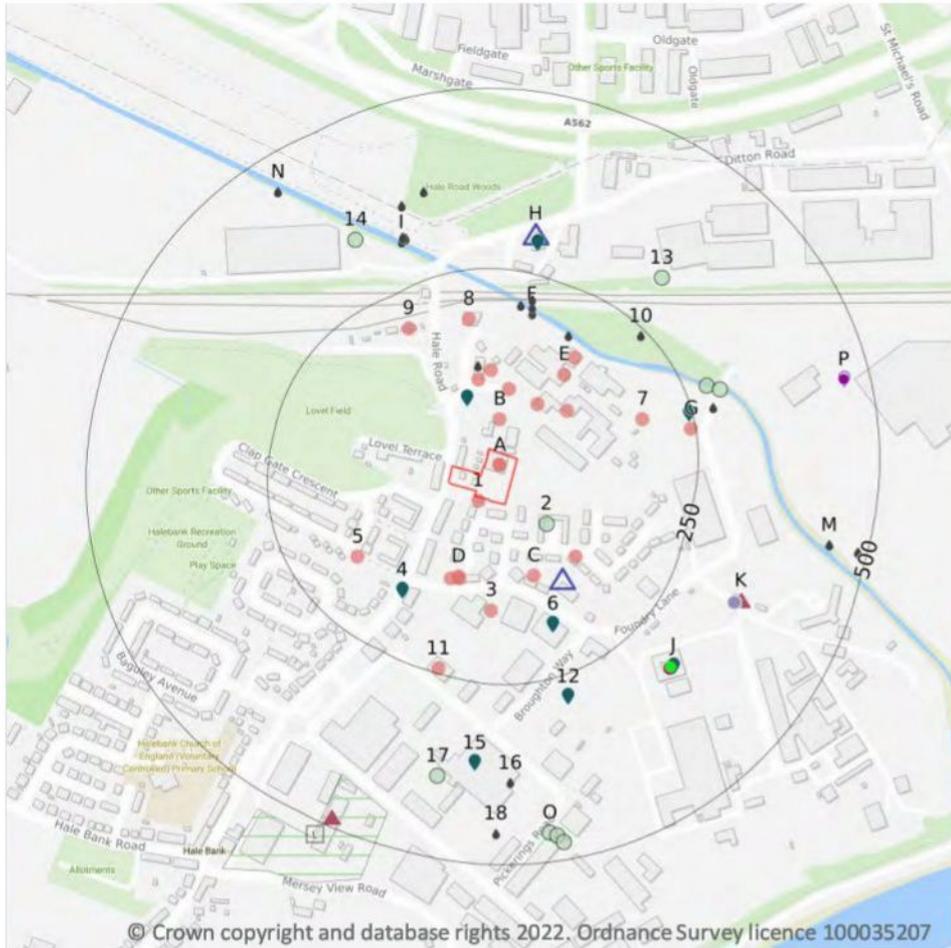


ID	Location	Site	Reference	Category	Sub-Category	Description
J	383m S	PICKERING ROAD HALEBANK INDUSTRIAL ESTATE CHESHIRE WA8 8XW	EPR/ZF0804K W/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
J	424m S	-	WEX007050	Storing waste exemption	Not on a farm	Storage of waste in a secure place
J	424m S	-	WEX007050	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
J	437m S	PICKERINGS ROAD, HALEBANK, WIDNES, WA8 8XW	WEX157895	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
J	437m S	PICKERINGS ROAD, HALEBANK, WIDNES, WA8 8XW	WEX157895	Treating waste exemption	Not on a Farm	Preparatory treatments (baling, sorting, shredding etc)
K	473m E	-	WEX226099	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	473m E	-	WEX234440	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	473m E	-	WEX088556	Storing waste exemption	Not on a farm	Storage of waste in a secure place
K	473m E	-	WEX078965	Storing waste exemption	Not on a farm	Storage of waste in a secure place

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m

23

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 62**

ID	Location	Company	Address	Activity	Category
A	On site	Vision	365, Hale Road, Widnes, Cheshire, WA8 8TR	Vehicle Hire and Rental	Hire Services
A	On site	Huyton Mini-coaches	365, Hale Road, Widnes, Cheshire, WA8 8TR	Vehicle Hire and Rental	Hire Services
1	5m S	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
B	44m N	Works	Cheshire, WA8	Unspecified Works Or Factories	Industrial Features
B	81m N	R G N Ltd	Unit 9b Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	88m N	C Lowry Transport	Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	Distribution and Haulage	Transport, Storage and Delivery
B	95m NE	Hale Road Caravan Centre	Unit 1 Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	New Vehicles	Motoring
B	98m N	Pumping Station	Cheshire, WA8	Water Pumping Stations	Industrial Features
C	106m S	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities
B	109m N	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities
D	113m SW	North Cheshire Scaffold	Unit 17 Widnes Business Park, Waterside Lane, Widnes, Cheshire, WA8 8UB	Construction and Tool Hire	Hire Services
D	116m S	Melo World Ltd	Unit 10, Foundry Lane, Widnes, Cheshire, WA8	Signs	Industrial Products
D	119m S	Gas Governor Station	Cheshire, WA8	Gas Features	Infrastructure and Facilities
C	122m SE	Tank	Cheshire, WA8	Tanks (Generic)	Industrial Features
E	134m NE	Lavis Engineering Ltd	Unit 15b Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	Metalworkers Including Blacksmiths	Construction Services
3	148m S	Tank	Cheshire, WA8	Tanks (Generic)	Industrial Features
E	161m NE	Sprakes & Sons Ltd	Unit 17 Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	Vehicle Repair, Testing and Servicing	Repair and Servicing
5	163m SW	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities
7	182m E	Tank	Cheshire, WA8	Tanks (Generic)	Industrial Features
8	182m N	Qualitank Services Ltd	Golden Triangle Industrial Estate, Harrison Street, Widnes, Cheshire, WA8 8TN	General Construction Supplies	Industrial Products
9	201m N	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
11	243m S	Hough Green Garage	Pickerings Road, Halebank, Widnes, Cheshire, WA8 8XW	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	244m E	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 62**

ID	Location	Company	Address	LPG	Status
C	129m SE	ASDA	Hale Road, Foundry Lane, Ditton, Widnes, Halton, WA8 8TX	Not Applicable	Obsolete
H	305m N	UNBRANDED	Hale Road, Ditton, Widnes, Halton, WA8 0TL	No	Closed

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0
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High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0
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High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

1

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 62**

ID	Location	Company	Address	Operational status	Tier
L	427m SW	Univar Solutions UK Limited	Univar Solutions UK Limited, Hale Road Industrial Estate, Widnes, Hale Road Industrial Estate, Pickerings Road, Widnes, Cheshire, WA8 8XW	Current COMAH Site	COMAH Upper Tier Operator

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

3

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 62**



ID	Location	Details	
K	351m E	Application reference number: No Details Application status: Approved Application date: 22/08/2008 Address: GE Infrastructure (UK) Limited Partnership, Foundry Lane, Halebank, Widnes, Cheshire, England, WA8 8UD	Details: Application for Hazardous Substances Consent Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
K	351m E	Application reference number: 00/00785/HSC Application status: Refused Application date: 01/07/2003 Address: G E Betz Ltd, Foundry Lane, Widnes, Cheshire, WA8 8UD	Details: Application for Hazardous Substances Consent Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
L	487m SW	Application reference number: 99/00584/HSC Application status: Approved Application date: 29/10/1999 Address: Univar Solutions UK Ltd, Hale Road Industrial Estate, Pickerings Road, Ditton, Widnes, Cheshire, England, WA8 8XW	Details: Application for Hazardous Substances Consent Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

9

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 62**

ID	Location	Details	
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: AK3986	Original Permit Number: IPCAPP Date Approved: 18-3-1994 Effective Date: 18-3-1994 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: AO5581	Original Permit Number: IPCMINVAR Date Approved: 30-9-1994 Effective Date: 5-10-1994 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: AT9505	Original Permit Number: IPCMINVAR Date Approved: 8-11-1995 Effective Date: 15-11-1995 Status: Superseded By Variation



ID	Location	Details	
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: AY5043	Original Permit Number: IPCMINVAR Date Approved: 18-4-1997 Effective Date: 22-4-1997 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: BD9378	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: BI3890	Original Permit Number: IPCMINVAR Date Approved: 5-5-2000 Effective Date: 12-5-2000 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: BK3476	Original Permit Number: IPCMINVAR Date Approved: 15-1-2001 Effective Date: 22-1-2001 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: BL1819	Original Permit Number: IPCMINVAR Date Approved: 23-5-2001 Effective Date: 31-5-2001 Status: Superseded By Variation
K	345m SE	Operator: Ge Betz Ltd Address: Foundry Lane, Widnes, Cheshire, WA8 8UD Process: Manufacture And Use Of Organic Chemicals Permit Number: BU3213	Original Permit Number: IPCMINVAR Date Approved: 25-2-2003 Effective Date: 4-3-2003 Status: Revoked - Now Ippc

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

4.10 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 62**

ID	Location	Details	
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: ASSOCIATED PROCESS Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
K	345m SE	Operator: GE WATER & PROCESS TECHNOLOGIES (UK) LP Installation Name: GE BETZ - WIDNES Process: ASSOCIATED PROCESS Permit Number: BS5118IW Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 13/04/2004 Effective Date: 13/04/2004 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
K	345m SE	Operator: GE BETZ LTD Installation Name: - Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: BS5118 Original Permit Number: BS5118	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2004 Status: SUPERSEDED BY PAS
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; PHOSPHORUS CONTAINING COMPOUNDS EG SUBSTITUTED PHOSPHINES Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: INORGANIC CHEMICALS; HALOGENS ETC OR HALOGEN/OXYGEN COMPOUNDS ETC Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; PHOSPHORUS CONTAINING COMPOUNDS EG SUBSTITUTED PHOSPHINES Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: ASSOCIATED PROCESS Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: INORGANIC CHEMICALS; HALOGENS ETC OR HALOGEN/OXYGEN COMPOUNDS ETC Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE BETZ LTD Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: WP3938CA Original Permit Number: BS5118IW	EPR Reference: - Issue Date: - Effective Date: 10/01/2013 Last date noted as effective: 01/01/2022 Status: SURRENDER EFFECTIVE
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
K	345m SE	Operator: GE INFRASTRUCTURE (UK) LIMITED Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: CP3038SD Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 24/03/2005 Effective Date: 25/03/2005 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
K	345m SE	Operator: GE WATER & PROCESS TECHNOLOGIES (UK) LP Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: BS5118IW Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 13/04/2004 Effective Date: 13/04/2004 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
K	345m SE	Operator: GE WATER & PROCESS TECHNOLOGIES (UK) LP Installation Name: GE BETZ - WIDNES Process: ORGANIC CHEMICALS; SULPHUR CONTAINING COMPOUNDS EG SULPHIDES Permit Number: BS5118IW Original Permit Number: BS5118IW	EPR Reference: - Issue Date: 13/04/2004 Effective Date: 13/04/2004 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
P	463m E	Operator: STOBART BIOMASS PRODUCTS LIMITED Installation Name: FOUNDRY LANE BIOMASS PROCESSING PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: BP3632DM Original Permit Number: BP3632DM	EPR Reference: - Issue Date: 30/05/2017 Effective Date: 30/05/2017 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
P	463m E	Operator: STOBART BIOMASS PRODUCTS LIMITED Installation Name: FOUNDRY LANE BIOMASS PROCESSING PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: HP3835QT Original Permit Number: BP3632DM	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
P	463m E	Operator: STOBART BIOMASS PRODUCTS LIMITED Installation Name: FOUNDRY LANE BIOMASS PROCESSING PLANT - EPR/BP3632DM Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: CP3839JU Original Permit Number: BP3632DM	EPR Reference: - Issue Date: 29/05/2018 Effective Date: 29/05/2018 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
P	463m E	Operator: STOBART ENERGY LIMITED Installation Name: FOUNDRY LANE BIOMASS PROCESSING PLANT - EPR/BP3632DM Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: DP3708SK Original Permit Number: BP3632DM	EPR Reference: - Issue Date: 02/07/2020 Effective Date: 02/07/2020 Last date noted as effective: 01/01/2022 Status: EFFECTIVE

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



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

Records within 500m

8

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 62**

ID	Location	Address	Details	
B	76m NW	Cameron Industrial Services, Hale Road, Widnes	Process: Surface Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
4	161m SW	PTG Pre-Treatment Services, Ditton Depot, Hale Road, Widnes	Process: Chemical & Acid Processes Status: Revoked Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
6	178m S	ASDA Stores, Foundry Lane, Widnes	Process: Unloading of Petrol into Storage at Service Stations Status: Revoked Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
G	244m E	Tarmac Central (Widnes Mortar), Foundry Lane, Widnes, WA8 8YZ	Process: Use of Bulk Cement Status: Historic Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
12	280m S	Tilcon, Foundry Lane, WA8 8YZ	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
H	293m N	Millhouse Garage, Hale Road, Widnes, WA8 0TL	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
J	322m SE	Croda Colloids, Foundry Lane, Widnes, WA8 8UB	Process: Gelatine Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
15	361m S	MCL Coatings (Formerly Merseyside Coatings), Pickerings Road, Widnes, WA8 8XW	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

7

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

Features are displayed on the Current industrial land use map on **page 62**

ID	Location	Address	Details	
J	320m SE	Foundry Lane, Ditton, Widnes, WA8 8UB	Operator: Croda CE Limited Type: - Permission number: HP3093SY Date of approval: -	Effective from: 25/08/2010 Last date of update: 01/01/2020 Status: Issued
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane,ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AV3095 Date of approval: 30/05/1996	Effective from: 30/05/1996 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane, Ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AV3109 Date of approval: 30/05/1996	Effective from: 14/06/1996 Last date of update: 01/01/2015 Status: Superseded By Variation
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane, Ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AV3109 Date of approval: 22/04/1997	Effective from: 30/04/1997 Last date of update: 01/01/2015 Status: Superseded By Variation
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane, Ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AV3109 Date of approval: 24/09/1999	Effective from: 24/09/1999 Last date of update: 01/01/2015 Status: Revoked/cancelled
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane,ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: BU9980 Date of approval: 22/07/2003	Effective from: 22/07/2003 Last date of update: 01/01/2015 Status: Effective
J	320m SE	Croda Chemicals Europe Ltd, Foundry Lane, Ditton, Widnes, Cheshire, WA8 8UB	Operator: Croda Chemicals Europe Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: BU9998 Date of approval: 22/07/2003	Effective from: 19/08/2003 Last date of update: 01/01/2015 Status: Effective

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



4.13 Licensed Discharges to controlled waters

Records within 500m
34

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 62**

ID	Location	Address	Details	
B	115m N	DITTON PS, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - WATER COMPANY Permit Number: 01HAL0016 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
B	115m N	DITTON PS, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 01HAL0016 Permit Version: 2 Receiving Water: DITTON BROOK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: -
E	184m N	PROCOR TANK CONTAINERS, GOLD TRIANGLE COMPLEX, HARRISON STREET, WIDNES, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990521 Permit Version: 1 Receiving Water: DITTON BROOK (TIDAL)	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/08/1984 Revocation Date: 22/03/1991
F	195m N	HARRISON STREET CSO, HARRISON STREET, WIDNES, HALTON, CHESHIRE, WA8 8TN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0040 Permit Version: 3 Receiving Water: DITTON BROOK	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 03/03/2003 Effective Date: 03/03/2003 Revocation Date: 22/10/2019
F	195m N	HARRISON STREET CSO, HARRISON STREET, WIDNES, HALTON, CHESHIRE, WA8 8TN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0040 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
F	195m N	HARRISON STREET CSO, HARRISON STREET, WIDNES, HALTON, CHESHIRE, WA8 8TN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0040 Permit Version: 2 Receiving Water: DITTON BROOK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/03/2003



ID	Location	Address	Details	
F	197m N	HARRISON STREET CSO, HARRISON STREET, WIDNES, HALTON, CHESHIRE, WA8 8TN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993466 Permit Version: 1 Receiving Water: DITTON BROOK	Status: VARIED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 23/10/2019 Revocation Date: -
F	202m N	HARRISON STREET CSO, HARRISON STREET, WIDNES, HALTON, CHESHIRE, WA8 8TN	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993466 Permit Version: 1 Receiving Water: DITTON BROOK	Status: VARIED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 23/10/2019 Revocation Date: -
F	204m N	HALE ROAD, WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016920996 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 02/11/1992 Revocation Date: 02/11/1992
F	204m N	HALE ROAD, WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016931194 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/11/1994 Revocation Date: 01/11/1994
F	214m N	DITTON SPS, WARRINGTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016920500 Permit Version: 1 Receiving Water: DITTON BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 04/05/1976 Revocation Date: -
10	240m NE	TARMAC CENTRAL LIMITED - WIDNES, FOUNDRY LANE, WIDNES, CHESHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016992284 Permit Version: 1 Receiving Water: DITTON BROOK	Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 22/07/1991 Revocation Date: 07/05/2019
G	279m E	CCC IND DEVELOPMENT SWO, OFF FOUNDRY LANE, WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016991399 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 01/07/1991
I	310m NW	DITCHFIELD ROAD CSO, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982995 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/06/1995 Revocation Date: 14/11/1995



ID	Location	Address	Details	
I	310m NW	DITCHFIELD ROAD CSO, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982995 Permit Version: 2 Receiving Water: DITTON BROOK	Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 15/11/1995 Revocation Date: 21/04/2016
I	310m NW	HALE ROAD OUTFALL, HALE BANK, NR WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016920989 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 02/11/1992 Revocation Date: 02/11/1992
I	312m N	EVERITE ROAD CSO, WIDNES, HALTON, CHESHIRE, WA8 8PT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016921103 Permit Version: 1 Receiving Water: DITTON BROOK	Status: VARIED UNDER EPR 2010 Issue date: 15/11/2013 Effective Date: 15/11/2013 Revocation Date: 29/10/2019
I	313m N	EVERITE ROAD CSO, WIDNES, HALTON, CHESHIRE, WA8 8PT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016921103 Permit Version: 2 Receiving Water: DITTON BROOK VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 30/10/2019 Effective Date: 30/10/2019 Revocation Date: -
I	315m N	EVERITE ROAD CSO, WIDNES, HALTON, CHESHIRE, WA8 8PT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016921103 Permit Version: 1 Receiving Water: DITTON BROOK	Status: VARIED UNDER EPR 2010 Issue date: 15/11/2013 Effective Date: 15/11/2013 Revocation Date: 29/10/2019
I	316m N	EVERITE ROAD CSO, WIDNES, HALTON, CHESHIRE, WA8 8PT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016921103 Permit Version: 2 Receiving Water: DITTON BROOK VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 30/10/2019 Effective Date: 30/10/2019 Revocation Date: -
I	357m N	CASTAWAYS CLUB, HALE ROAD, HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0004 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994



ID	Location	Address	Details	
I	357m N	CASTAWAYS CLUB, HALE ROAD, HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0004 Permit Version: 2 Receiving Water: DITTON BROOK	Status: REVOKED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 14/11/2013
I	367m N	CLUB 4/TUDOR INN STP, DITTON JUNCTION, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016991172 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 14/08/1987 Revocation Date: 12/07/1991
16	386m S	TANK FREIGHT PLC, HALEBANK INDUSTRIAL ESTATE, WIDNES, LANCASHIRE, WA8 ONU	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016992281 Permit Version: 1 Receiving Water: RIVER MERSEY	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 10/09/1991 Revocation Date: 31/03/1993
M	446m E	SEPTIC TK & FILTER ST MICHAELS ROAD, FOUNDRY LANE, HALEBANK, WIDNES, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 0172/1868 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
M	446m E	SEPTIC TK & FILTER ST MICHAELS ROAD, FOUNDRY LANE, HALEBANK, WIDNES, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 0172/1868 Permit Version: 2 Receiving Water: DITTON BROOK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: -
N	449m NW	BR CREOSOTE DEPOT, DITTON, WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990673 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1900 Revocation Date: 31/03/1994
N	449m NW	BR CREOSOTE DEPOT, DITTON, WIDNES, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016990673 Permit Version: 2 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1994 Revocation Date: 07/07/1994
18	456m S	TANK FREIGHT PLC, HALEBANK INDUSTRIAL ESTATE, WIDNES, LANCASHIRE, WA8 ONU	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016992281 Permit Version: 1 Receiving Water: RIVER MERSEY	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 10/09/1991 Revocation Date: 31/03/1993



ID	Location	Address	Details	
M	487m E	GRACE DEARBORN LTD, WIDNES, CHESHIRE, WA8 8UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990191 Permit Version: 1 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/03/1980 Revocation Date: 24/01/1989
M	487m E	GRACE DEARBORN LTD, WIDNES, CHESHIRE, WA8 8UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990191 Permit Version: 2 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 25/01/1989 Revocation Date: 19/06/1989
M	487m E	GRACE DEARBORN LTD, WIDNES, CHESHIRE, WA8 8UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990191 Permit Version: 3 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 20/06/1989 Revocation Date: 30/09/1989
M	487m E	GRACE DEARBORN LTD, WIDNES, CHESHIRE, WA8 8UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990191 Permit Version: 4 Receiving Water: DITTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/10/1989 Revocation Date: 19/12/1993
M	487m E	GRACE DEARBORN LTD, WIDNES, CHESHIRE, WA8 8UD	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990191 Permit Version: 5 Receiving Water: DITTON BROOK	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 20/12/1993 Revocation Date: 07/11/1994

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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



4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

9

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 62**

ID	Location	Details	
2	62m SE	Incident Date: 19/04/2001 Incident Identification: 2720 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	280m E	Incident Date: 23/03/2001 Incident Identification: 807 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
G	295m E	Incident Date: 25/01/2002 Incident Identification: 54403 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
13	320m NE	Incident Date: 11/01/2002 Incident Identification: 51872 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
14	341m NW	Incident Date: 13/10/2003 Incident Identification: 195910 Pollutant: General Biodegradable Materials and Wastes:General Biodegradable Materials and Wastes Pollutant Description: Vegetable Cuttings and Deposits:Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
17	387m S	Incident Date: 01/02/2002 Incident Identification: 55827 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
O	459m S	Incident Date: 30/09/2003 Incident Identification: 193399 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
O	464m S	Incident Date: 17/08/2001 Incident Identification: 25015 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
O	475m S	Incident Date: 27/10/2001 Incident Identification: 39567 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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



4.20 Pollution inventory waste transfers

Records within 500m

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 62**

ID: P, Location: 464m E, Permit: BP3632DM
 Operator: Stobart Energy Limited
 Activity: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT WASTE FOR INCINERATION OR CO-INCINERATION
 Address: Foundry Lane Biomass Processing Plant Foundry Lane Cheshire WA8 8UF
 Sector Non-Hazardous & Inert, Sub-sector: Non-Hazardous & Inert
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	116702.1 1	Absolute Value	19 12 07	wood other than that mentioned in 19 12 06	0
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	363.3	Absolute Value	19 12 07	wood other than that mentioned in 19 12 06	0
R4	Recycling/reclamation of metals and metal compounds	761.3	Absolute Value	19 12 02	ferrous metal	0
R4	Recycling/reclamation of metals and metal compounds	101.7	Absolute Value	19 12 03	non-ferrous metal	0
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	59.86	Absolute Value	20 03 01	mixed municipal waste	0

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



4.21 Pollution inventory radioactive waste

Records within 500m**1**

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.

Features are displayed on the Current industrial land use map on **page 62**

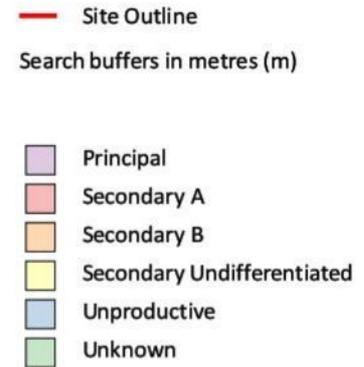
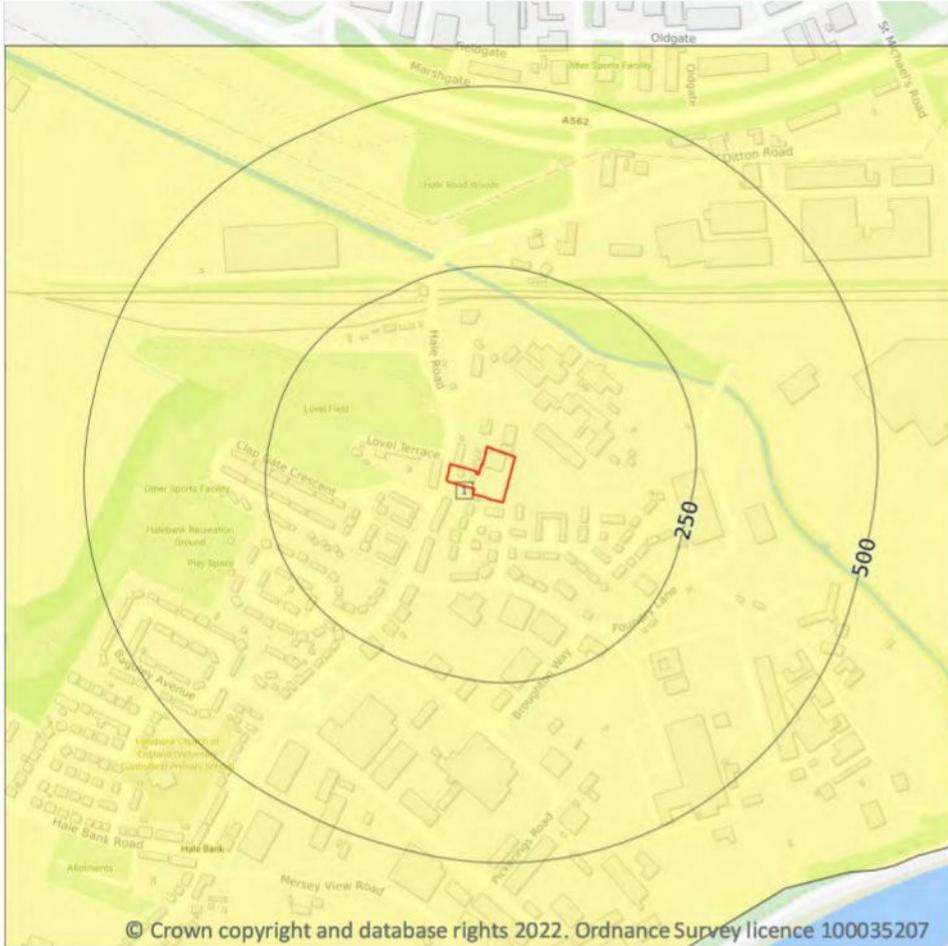
ID: J, Location: 321m SE, Permit: BU9998
Operator: CRODA CHEMICALS EUROPE LTD
Address: FOUNDRY LANE DITTON WIDNES CHESHIRE WA8 8UB
Releases:

Route	Substance	Quantity released
Controlled Waters	Total Beta/Gamma (Excl Tritium)	8.36MBq -
Controlled Waters	Other Beta/Gamma Particulate	8.36MBq -

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

1

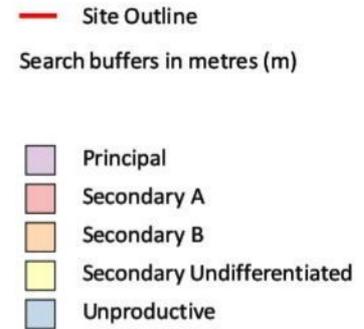
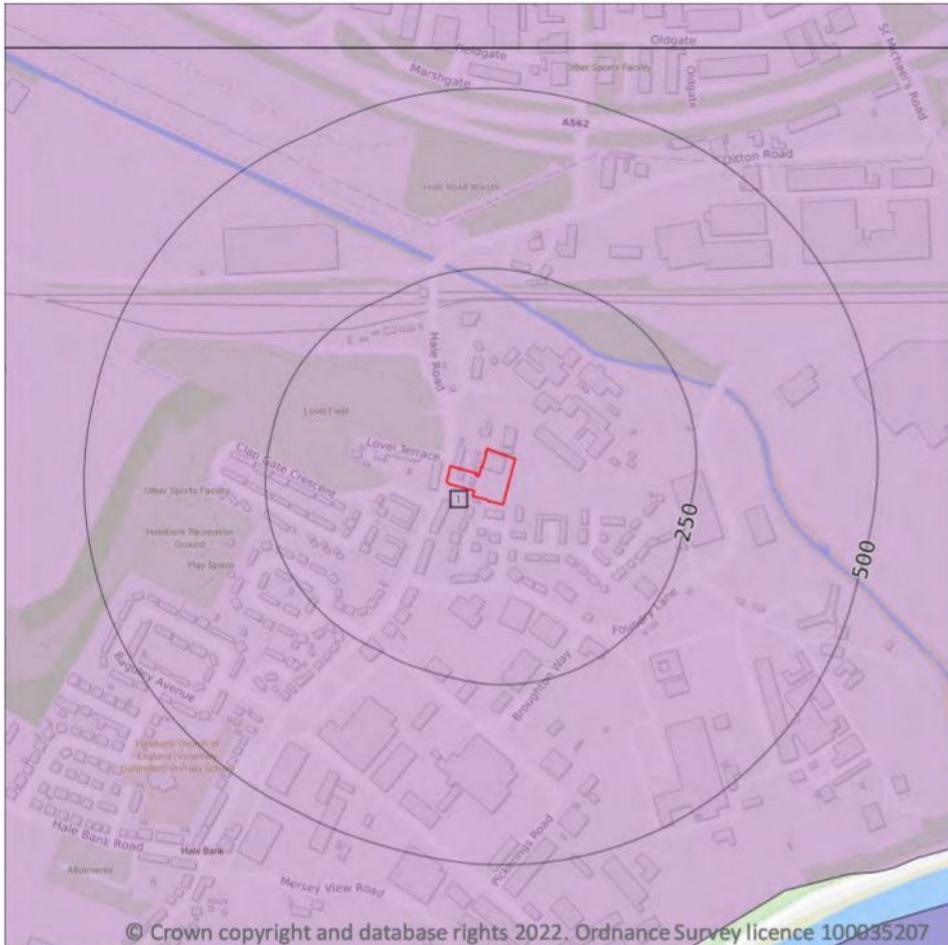
Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 82**

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

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

Aquifer status of groundwater held within bedrock geology.

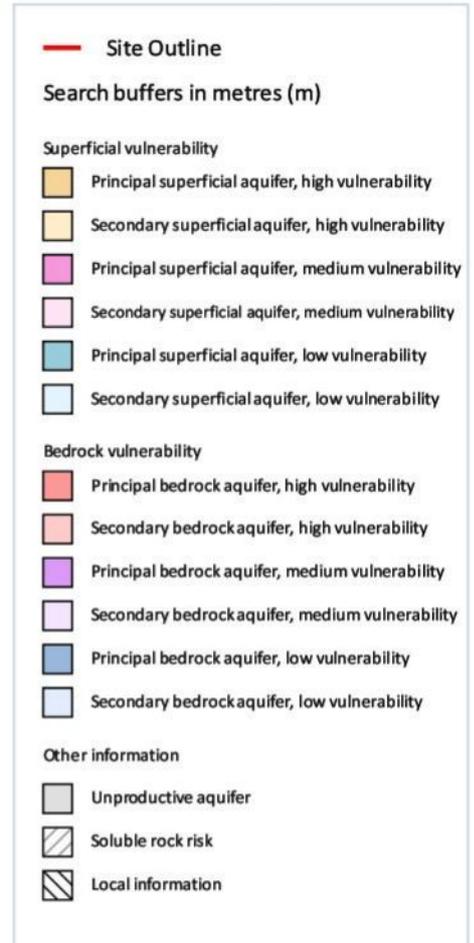
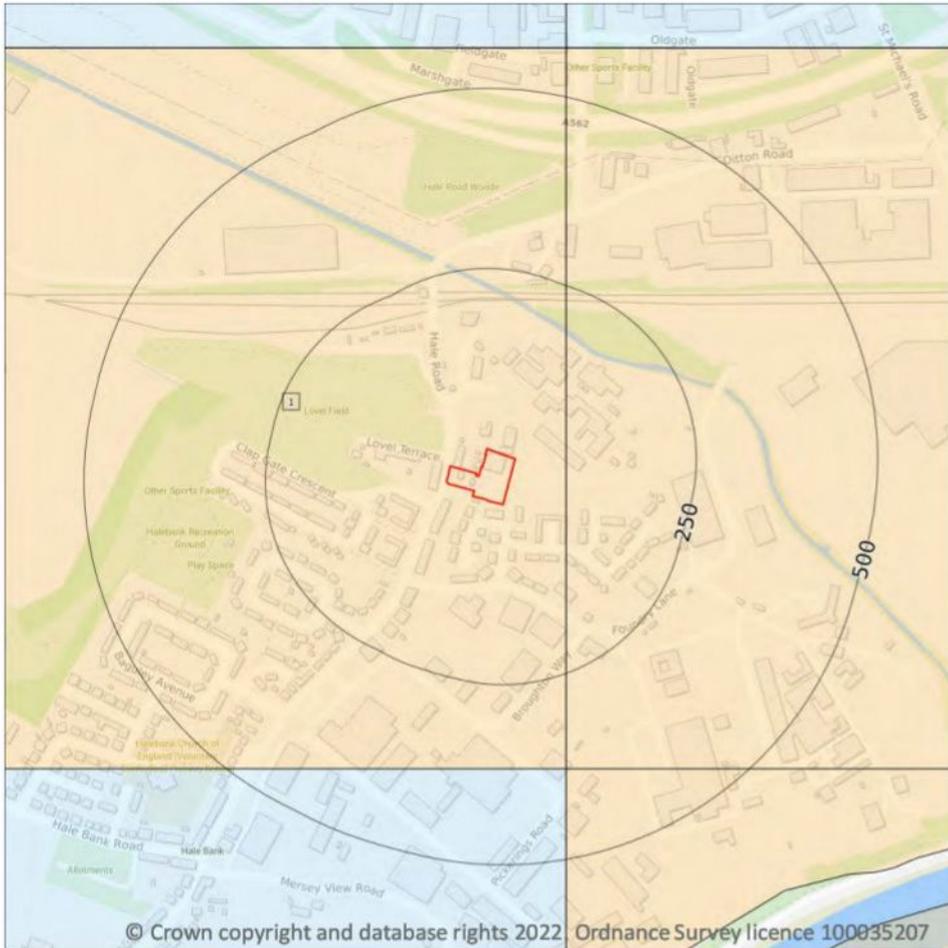
Features are displayed on the Bedrock aquifer map on **page 83**

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

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

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 84**

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: >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

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

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

5.5 Groundwater vulnerability- local information

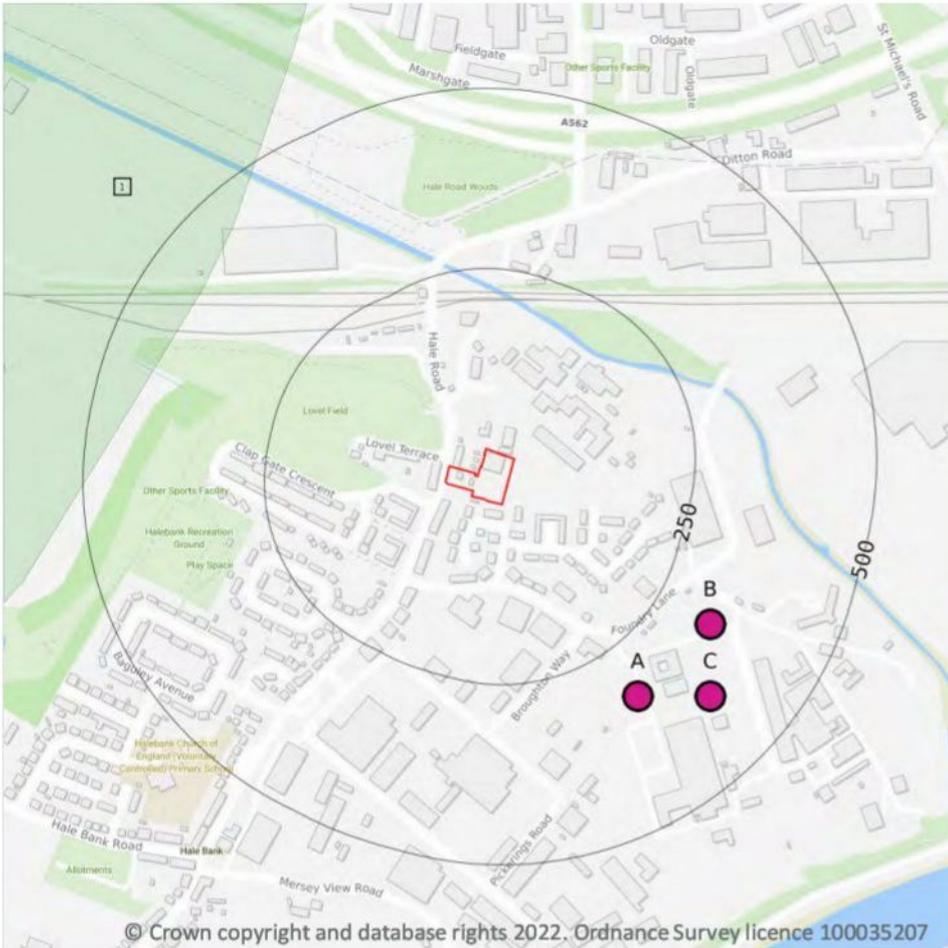
Records on site

0

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

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

29

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 86**

ID	Location	Details	
A	325m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "3 B/HOLES) AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES *57" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
A	325m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: "3 B/HOLES) AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES *57" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
A	325m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: 3 B/HOLES) AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES *57 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
A	325m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: 3 B/HOLES) AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES *57 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -



ID	Location	Details	
A	325m SE	Status: Active Licence No: 2569028006 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
A	325m SE	Status: Active Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349100 Northing: 384100	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
B	331m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
B	331m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: "3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -



ID	Location	Details	
B	331m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
B	331m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
B	331m SE	Status: Active Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT LH S PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
B	331m SE	Status: Active Licence No: 2569028006 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT LH S PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384200	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -



ID	Location	Details	
C	391m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES 206 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES 206 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES \$206" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: "3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES \$206" Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -



ID	Location	Details	
C	391m SE	Status: Historical Licence No: 2569028006 Details: Process water Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES S206 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Historical Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: 3 B/HOLES AT LH'S PREMISES, FOUNDRY LA, DITTON, WIDNES S206 Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Active Licence No: 2569028006 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -
C	391m SE	Status: Active Licence No: 2569028006 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLES X 3 AT PREMISES FOUNDRY LANE DITTON WIDNES Data Type: Point Name: CRODA COLLOIDS LTD Easting: 349200 Northing: 384100	Annual Volume (m ³): 1,909,320 Max Daily Volume (m ³): 5,455.20 Original Application No: 1032 Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/02/1992 Version End Date: -



ID	Location	Details	
-	1242m E	Status: Historical Licence No: 2569027006 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT WEST BANK DOCK ESTATE, WIDNES" Data Type: Point Name: GRANOX LTD Easting: 350100 Northing: 384000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/07/1993 Expiry Date: - Issue No: 100 Version Start Date: 15/07/1993 Version End Date: -
-	1242m E	Status: Active Licence No: 2569027006 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT WEST BANK DOCK ESTATE, WIDNES Data Type: Point Name: Secanim Limited Easting: 350100 Northing: 384000	Annual Volume (m ³): 199,090 Max Daily Volume (m ³): 545.05 Original Application No: NPS/WR/015816 Original Start Date: 15/07/1993 Expiry Date: - Issue No: 101 Version Start Date: 06/06/2014 Version End Date: -
-	1683m W	Status: Historical Licence No: 2569028001 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT LH'S PREMISES, HALEBANK, WIDNES, CHESHIRE" Data Type: Point Name: GREAT LAKES FINE CHEMICALS LTD Easting: 347200 Northing: 384800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/01/1995 Version End Date: -
-	1683m W	Status: Historical Licence No: 2569028001 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT LH'S PREMISES, HALEBANK, WIDNES, CHESHIRE" Data Type: Point Name: GREAT LAKES FINE CHEMICALS LTD Easting: 347200 Northing: 384800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/01/1995 Version End Date: -



ID	Location	Details	
-	1683m W	Status: Historical Licence No: 2569028001 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH'S PREMISES, HALEBANK, WIDNES, CHESHIRE Data Type: Point Name: PENTAGON FINE CHEMICALS LIMITED Easting: 347200 Northing: 384800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 17/12/2003 Version End Date: -
-	1683m W	Status: Historical Licence No: 2569028001 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH'S PREMISES, HALEBANK, WIDNES, CHESHIRE Data Type: Point Name: PENTAGON FINE CHEMICALS LIMITED Easting: 347200 Northing: 384800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 17/12/2003 Version End Date: -
-	1683m W	Status: Historical Licence No: 2569028001 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH S PREMISES HALEBANK WIDNES CHESHIRE Data Type: Point Name: Vertellus Specialites UK Limited Easting: 347200 Northing: 384800	Annual Volume (m ³): 1,136,500 Max Daily Volume (m ³): 8182.8 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 23/11/2015 Version End Date: -
-	1683m W	Status: Historical Licence No: 2569028001 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH S PREMISES HALEBANK WIDNES CHESHIRE Data Type: Point Name: Vertellus Specialites UK Limited Easting: 347200 Northing: 384800	Annual Volume (m ³): 1,136,500 Max Daily Volume (m ³): 8182.8 Original Application No: - Original Start Date: 25/03/1966 Expiry Date: - Issue No: 103 Version Start Date: 23/11/2015 Version End Date: -



ID	Location	Details	
-	1725m W	Status: Active Licence No: 2569028001 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT LH S PREMISES HALEBANK WIDNES CHESHIRE Data Type: Point Name: Vertellus Specialites UK Limited Easting: 347154 Northing: 384787	Annual Volume (m ³): 250,000 Max Daily Volume (m ³): 684.96 Original Application No: NPS/WR/030782 Original Start Date: 25/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 22/03/2019 Version End Date: -

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

5.7 Surface water abstractions

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

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

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

5.8 Potable abstractions

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

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

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

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 86**

ID	Location	Type	Description
1	418m NW	3	Total catchment

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

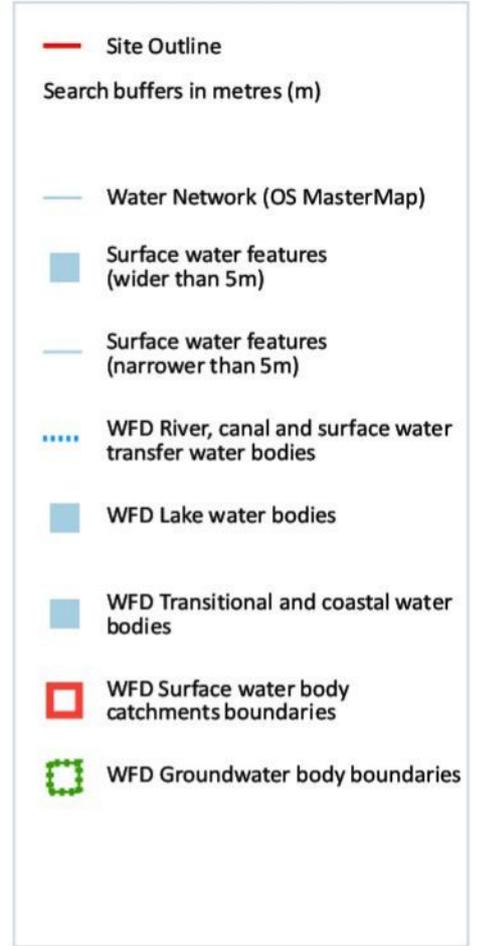
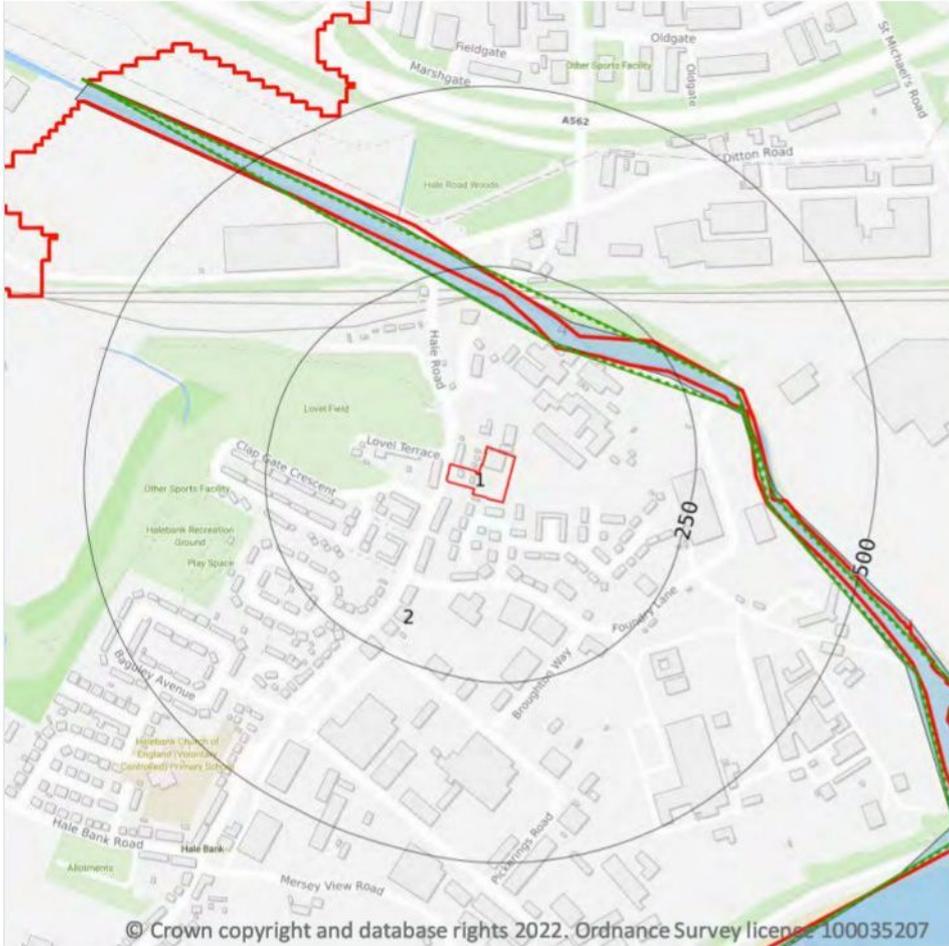
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

1

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

Features are displayed on the Hydrology map on [page 96](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
4	182m NE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Ditton Brook

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on **page 96**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	Coastal Catchment	Not part of a river WB catchment	167	Ditton	Lower Mersey

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 96**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
3	167m N	Transi	MERSEY	GB531206908100	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
------------------------	----------

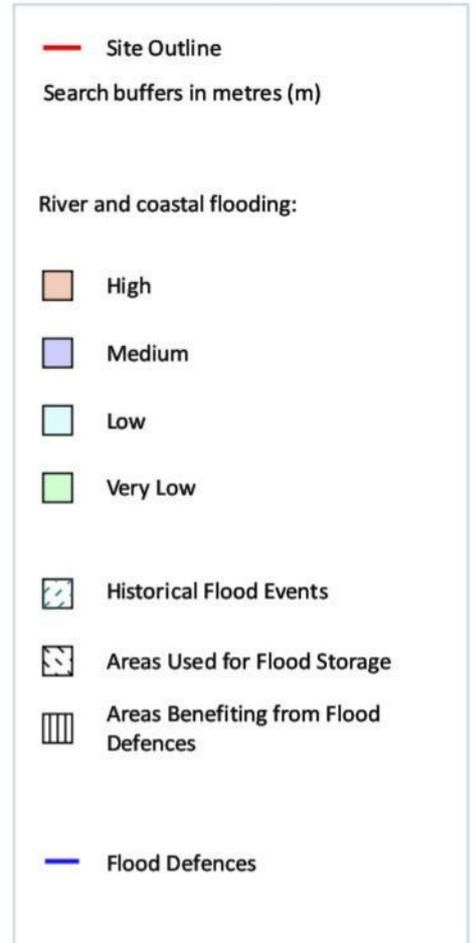
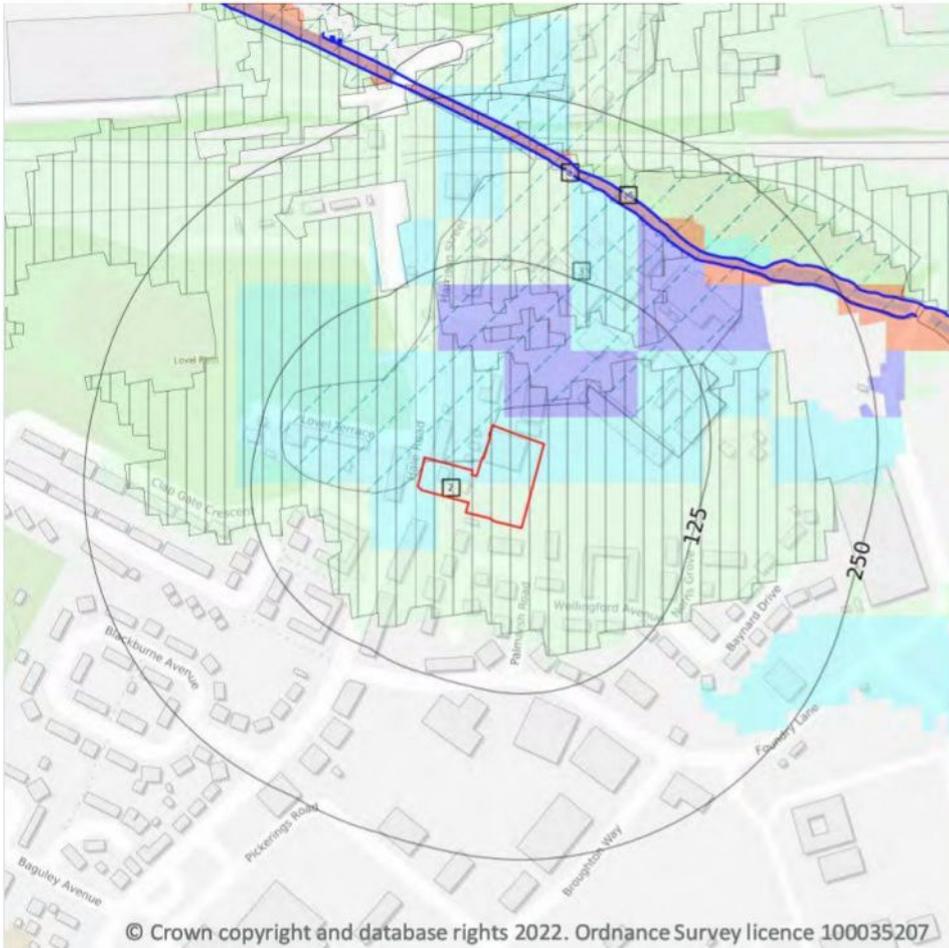
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 96**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Lower Mersey Basin and North Merseyside Permo-Triassic Sandstone Aquifers	<u>GB41201G101700</u>	Poor	Poor	Poor	2019

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

7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

3

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

Features are displayed on the River and coastal flooding map on **page 99**

Distance	Flood risk category
On site	Low
0 - 50m	Medium

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

7.2 Historical Flood Events

Records within 250m	1
---------------------	---

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.

Features are displayed on the River and coastal flooding map on **page 99**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
3	On site	Ditt	1990-02-26 1990-02-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 Flood Defences

Records within 250m	2
---------------------	---

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.

Features are displayed on the River and coastal flooding map on **page 99**

ID	Location	Update
C	179m NE	17/03/2022
15	186m NE	17/03/2022

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

2

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.

Features are displayed on the River and coastal flooding map on **page 99**

ID	Location	
2	On site	Area benefiting from flood defences
A	62m N	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

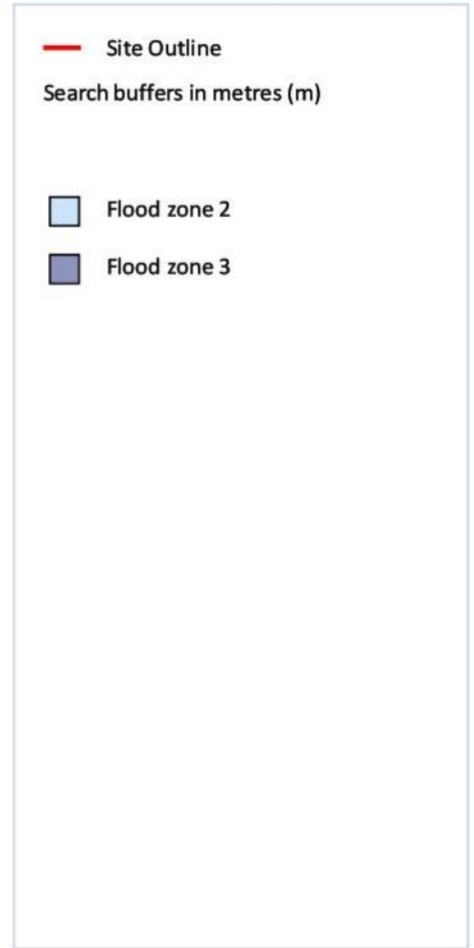
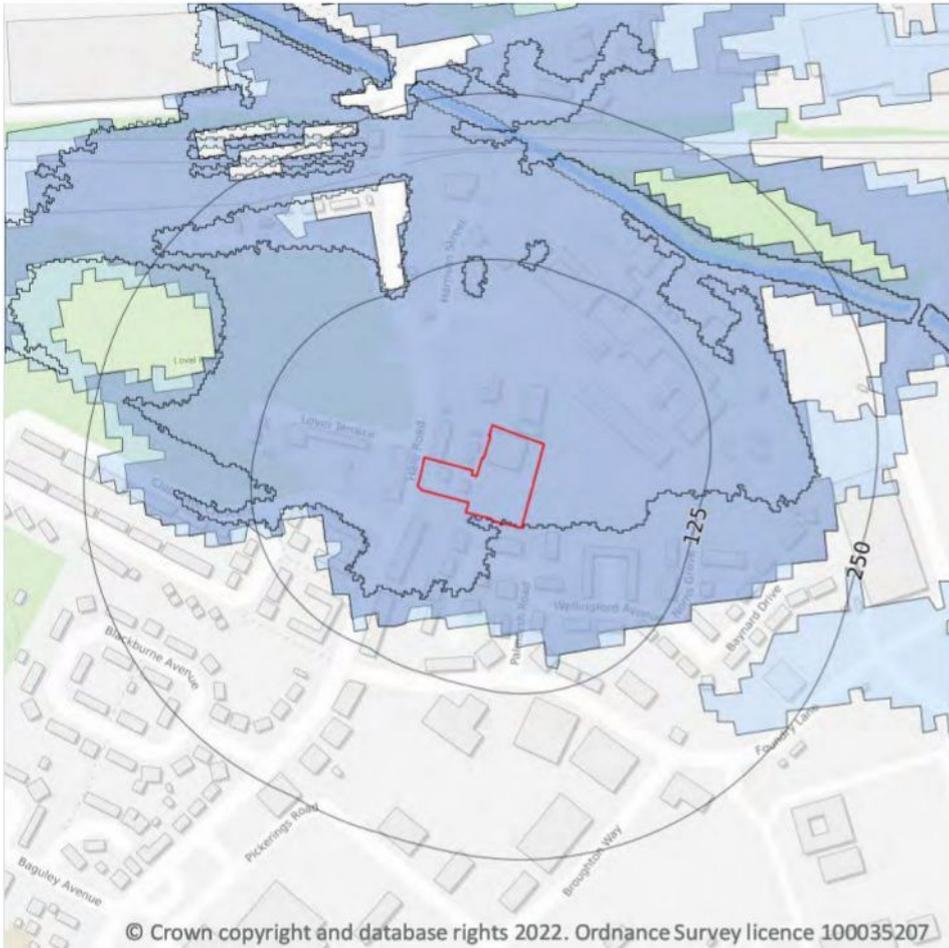
0

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



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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 99**

Location	Type
On site	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.

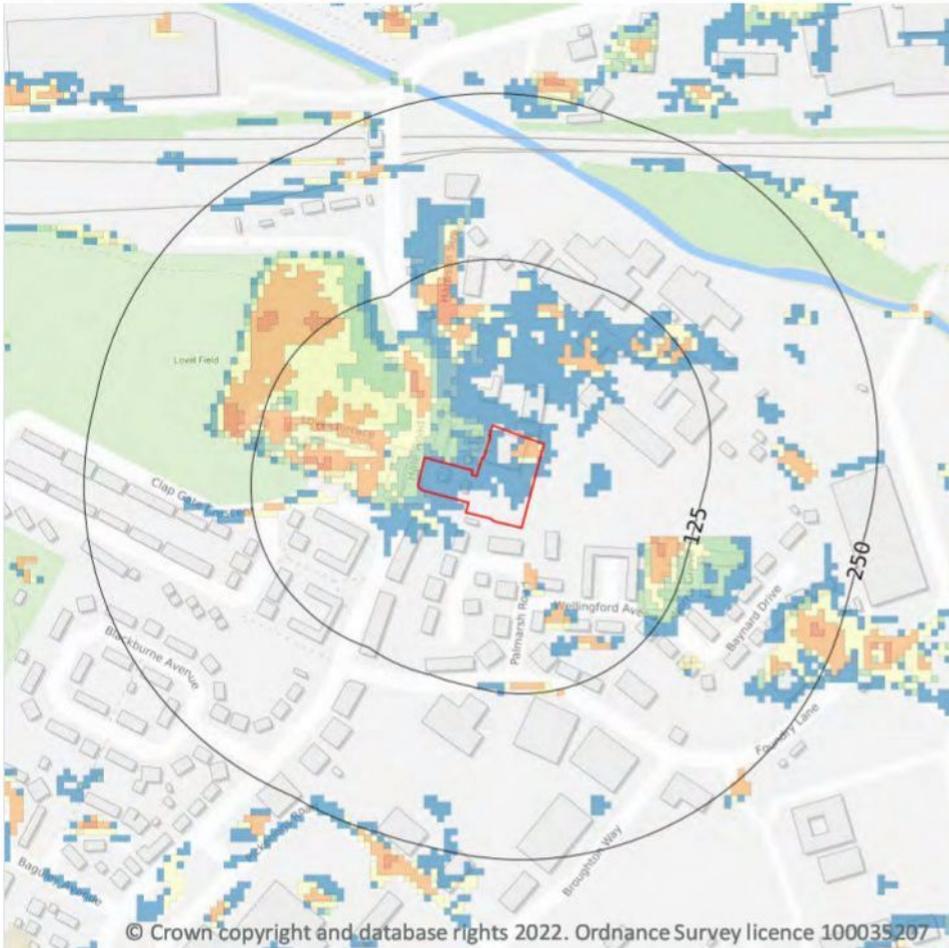
Features are displayed on the River and coastal flooding map on **page 99**

Location	Type
On site	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

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 104**

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

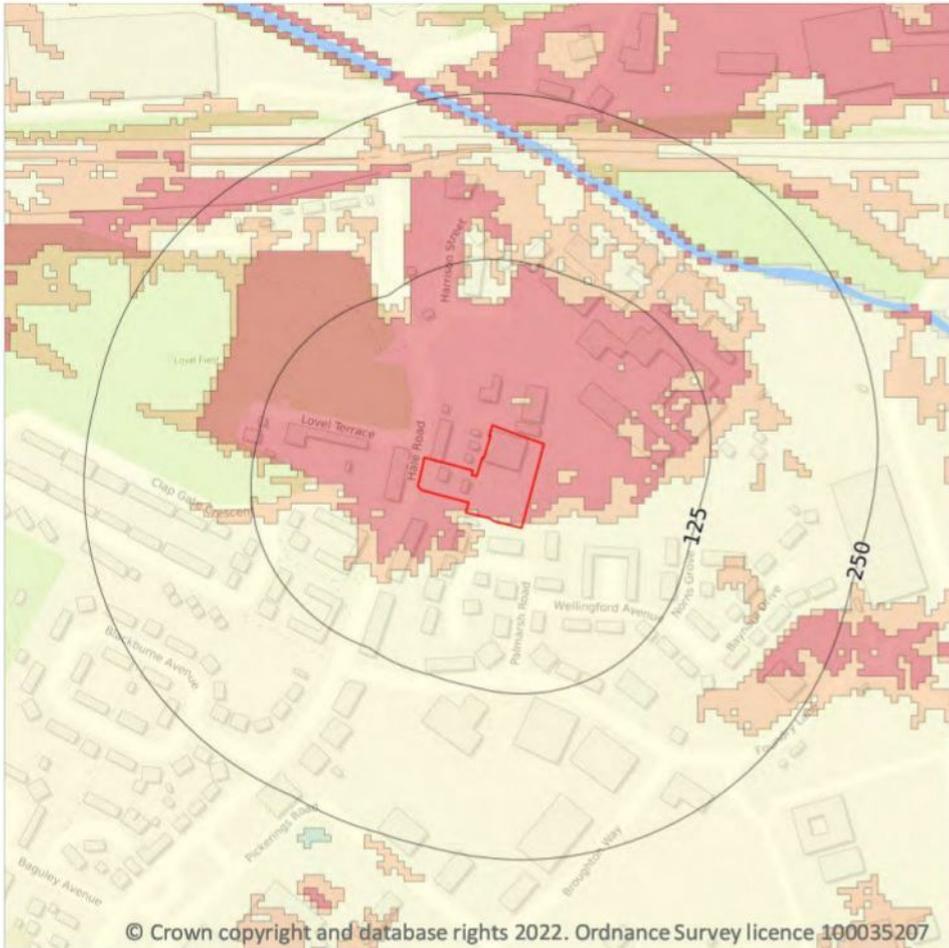
The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiental Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

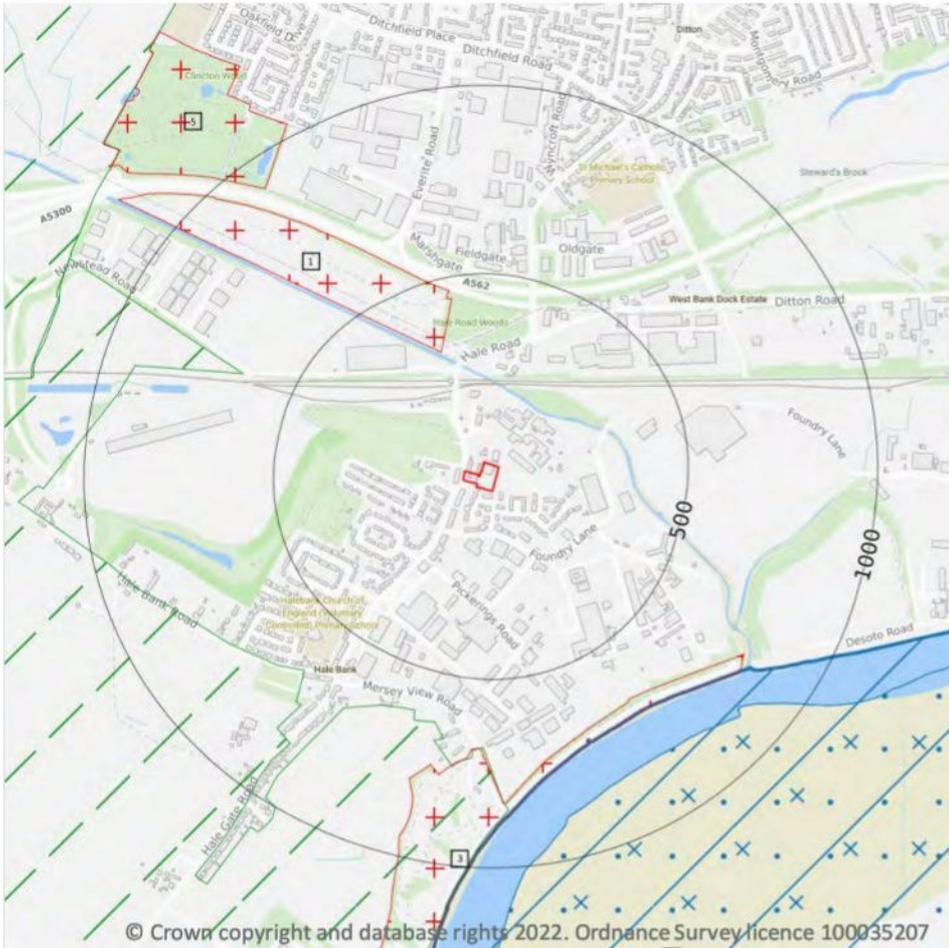
Highest risk on site	High
Highest risk within 50m	High

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 106**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

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

Features are displayed on the Environmental designations map on **page 107**

ID	Location	Name	Data source
4	703m SE	Mersey Estuary	Natural England

ID	Location	Name	Data source
-	1964m S	Mersey Estuary	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	2
-----------------------------	----------

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.

Features are displayed on the Environmental designations map on **page 107**

ID	Location	Site	Details
A	827m SE	Name: Mersey Estuary Site status: Listed Data source: Natural England	Overview: The Mersey is a large, sheltered estuary which comprises large areas of saltmarsh and extensive intertidal sand and mudflats, with limited areas of brackish marsh, rocky shoreline and boulder clay cliffs, within a rural and industrial environment. The intertidal flats and saltmarshes provide feeding and roosting sites for large and internationally important populations of waterfowl. During the winter, the site is of major importance for duck and waders. The site is also important during spring and autumn migration periods, particularly for wader populations moving along the west coast of Britain. Ramsar criteria: -
-	1450m S	Name: Mersey Estuary Site status: Listed Data source: Natural England	Overview: The Mersey is a large, sheltered estuary which comprises large areas of saltmarsh and extensive intertidal sand and mudflats, with limited areas of brackish marsh, rocky shoreline and boulder clay cliffs, within a rural and industrial environment. The intertidal flats and saltmarshes provide feeding and roosting sites for large and internationally important populations of waterfowl. During the winter, the site is of major importance for duck and waders. The site is also important during spring and autumn migration periods, particularly for wader populations moving along the west coast of Britain. Ramsar criteria: -

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

2

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.

Features are displayed on the Environmental designations map on **page 107**

ID	Location	Name	Species of interest	Habitat description	Data source
A	828m SE	Mersey Estuary	Great crested grebe; Common shelduck; Eurasian wigeon; Eurasian teal; Northern pintail; Ringed plover; European golden plover; Grey plover; Northern lapwing; Eurasian curlew; Common redshank; Common redshank; Black-tailed godwit; Dunlin	Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes	Natural England
-	1450m S	Mersey Estuary	Great crested grebe; Common shelduck; Eurasian wigeon; Eurasian teal; Northern pintail; Ringed plover; European golden plover; Grey plover; Northern lapwing; Eurasian curlew; Common redshank; Common redshank; Black-tailed godwit; Dunlin	Tidal rivers, Estuaries, Mud flats, Sand flats, Lagoons (including saltwork basins); Salt marshes, Salt pastures, Salt steppes	Natural England

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

3

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 107**

ID	Location	Name	Data source
1	313m N	Hale Road woodland	Natural England
3	659m SE	Pickerings Pasture	Natural England
5	916m NW	Clinton Wood	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 107**

ID	Location	Name	Local Authority name
2	614m S	Merseyside and Greater Manchester	Halton
6	1165m W	Merseyside and Greater Manchester	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	Ditton Brook (Halewood to Mersey Estuary) NVZ	Surface Water	640	Existing

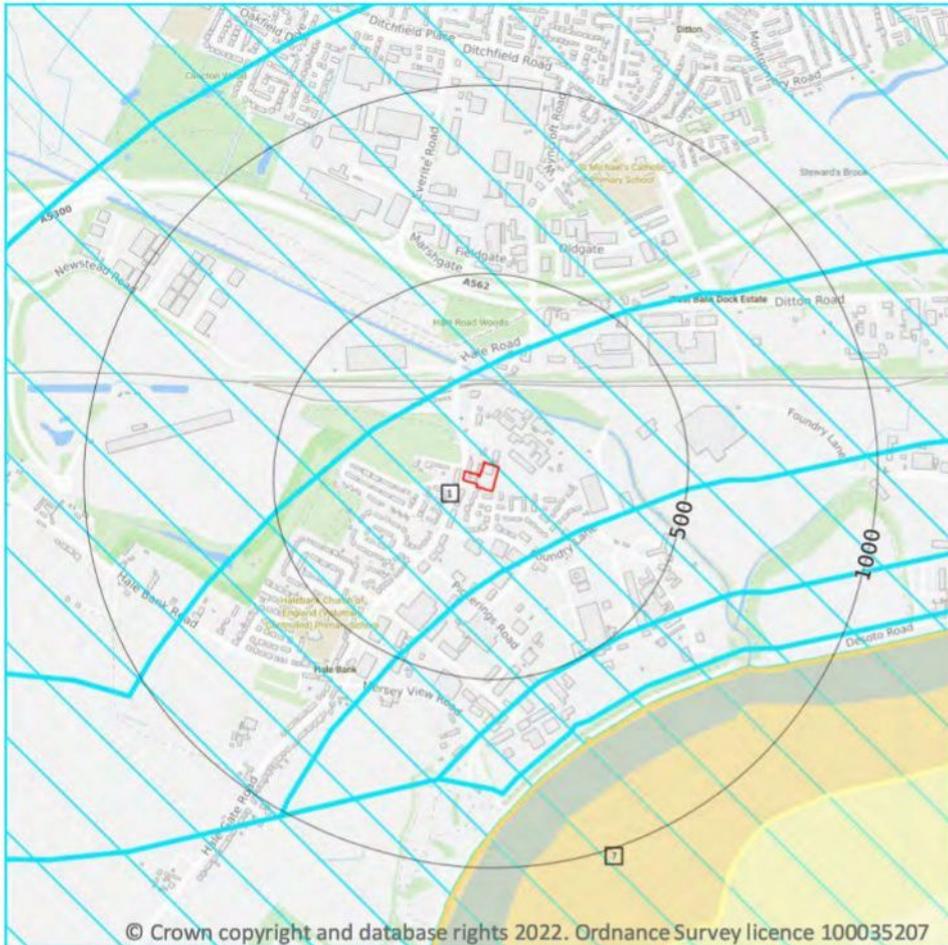


Location	Name	Type	NVZ ID	Status
1538m N	Dittton Brook (Halewood to Mersey Estuary) NVZ	Surface Water	640	Existing

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 **1**

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.

Features are displayed on the SSSI Impact Zones and Units map on **page 114**

ID	Location	Type of developments requiring consultation
1	On site	<p>All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures.</p> <p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 50 units or more.</p> <p>Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Notes: New residential developments in this area should consider recreational disturbance impacts on the coastal designated sites. please consider this issue in the hra screening.</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

5

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.

Features are displayed on the SSSI Impact Zones and Units map on **page 114**

ID: 7
 Location: 703m SE
 SSSI name: Mersey Estuary
 Unit name: Mersey North Bank
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - No change
 Reportable features:



Feature name	Feature condition	Date of assessment
	-	-
	Favourable	20/12/2010
>20,000 Non-breeding waterbirds	-	-
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	18/02/2020
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Favourable	18/02/2020
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Unfavourable - No change	17/02/2020
Aggregations of non-breeding birds - Pintail, Anas acuta	Unfavourable - No change	24/02/2020
Aggregations of non-breeding birds - Redshank, Tringa totanus	Favourable	18/02/2020
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Favourable	18/02/2020
Aggregations of non-breeding birds - Teal, Anas crecca	Unfavourable - No change	24/02/2020
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - No change	24/02/2020
Black-tailed godwit, Limosa limosa islandica - A616, nb	-	-
Dunlin, Calidris alpina alpina - A672, nb	-	-
Golden plover, Pluvialis apricaria - A140, nb	-	-
Pintail, Anas acuta - A054, nb	-	-
Redshank, Tringa totanus - A162, nb	-	-
Shelduck, Tadorna tadorna - A048, nb	-	-
Teal, Anas crecca - A704, nb	Unfavourable - No change	17/02/2020
Waterbird assemblage	-	-

ID: 8
Location: 1143m SE
SSSI name: Mersey Estuary
Unit name: Frodsham Score To Runcorn Bridge
Broad habitat: Littoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
	Not Recorded	01/01/1900
>20,000 Non-breeding waterbirds	-	-



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Curlew, Numenius arquata	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Pintail, Anas acuta	Unfavourable - Recovering	18/02/2020
Aggregations of non-breeding birds - Redshank, Tringa totanus	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Teal, Anas crecca	Unfavourable - Recovering	19/02/2020
Aggregations of non-breeding birds - Wigeon, Anas penelope	Unfavourable - Recovering	19/02/2020
Black-tailed godwit, Limosa limosa islandica - A616, nb	-	-
Dunlin, Calidris alpina alpina - A672, nb	-	-
Golden plover, Pluvialis apricaria - A140, nb	-	-
Pintail, Anas acuta - A054, nb	-	-
Redshank, Tringa totanus - A162, nb	-	-
SM4-28 - Saltmarsh	Not Recorded	01/01/1900
Shelduck, Tadorna tadorna - A048, nb	-	-
Teal, Anas crecca - A704, nb	-	-
Waterbird assemblage	-	-

ID: -
 Location: 1450m S
 SSSI name: Mersey Estuary
 Unit name: Hale Marsh East
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
	Not Recorded	01/01/1900
>20,000 Non-breeding waterbirds	-	-
Aggregations of non-breeding birds - Curlew, Numenius arquata	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Not Recorded	01/01/1900



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Unfavourable - Recovering	18/02/2020
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Unfavourable - Recovering	19/02/2020
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Recovering	19/02/2020
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	-	-
Pintail, <i>Anas acuta</i> - A054, nb	-	-
Redshank, <i>Tringa totanus</i> - A162, nb	-	-
SM4-28 - Saltmarsh	Not Recorded	01/01/1900
Shelduck, <i>Tadorna tadorna</i> - A048, nb	-	-
Teal, <i>Anas crecca</i> - A704, nb	-	-
Waterbird assemblage	-	-

ID: -
 Location: 1889m SW
 SSSI name: Mersey Estuary
 Unit name: Hale Duck Decoy
 Broad habitat: Standing Open Water And Canals
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
	Not Recorded	01/01/1900
>20,000 Non-breeding waterbirds	-	-
Aggregations of non-breeding birds - Curlew, <i>Numenius arquata</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Not Recorded	01/01/1900



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Redshank, Tringa totanus	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Teal, Anas crecca	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Wigeon, Anas penelope	Not Recorded	01/01/1900
Black-tailed godwit, Limosa limosa islandica - A616, nb	-	-
Dunlin, Calidris alpina alpina - A672, nb	-	-
Golden plover, Pluvialis apricaria - A140, nb	-	-
Pintail, Anas acuta - A054, nb	-	-
Redshank, Tringa totanus - A162, nb	-	-
Shelduck, Tadorna tadorna - A048, nb	-	-
Teal, Anas crecca - A704, nb	-	-
Waterbird assemblage	-	-

ID: -
 Location: 1995m SW
 SSSI name: Mersey Estuary
 Unit name: Hale Marsh West
 Broad habitat: Littoral Sediment
 Condition: Unfavourable - No change
 Reportable features:

Feature name	Feature condition	Date of assessment
	Not Recorded	01/01/1900
>20,000 Non-breeding waterbirds	-	-
Aggregations of non-breeding birds - Curlew, Numenius arquata	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Dunlin, Calidris alpina alpina	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Golden plover, Pluvialis apricaria	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Pintail, Anas acuta	Unfavourable - Recovering	18/02/2020
Aggregations of non-breeding birds - Redshank, Tringa totanus	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Shelduck, Tadorna tadorna	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Teal, Anas crecca	Unfavourable - Recovering	19/02/2020



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - Recovering	19/02/2020
Black-tailed godwit, <i>Limosa limosa islandica</i> - A616, nb	-	-
Dunlin, <i>Calidris alpina alpina</i> - A672, nb	-	-
Golden plover, <i>Pluvialis apricaria</i> - A140, nb	-	-
Pintail, <i>Anas acuta</i> - A054, nb	-	-
Redshank, <i>Tringa totanus</i> - A162, nb	-	-
SM4-28 - Saltmarsh	Not Recorded	01/01/1900
Shelduck, <i>Tadorna tadorna</i> - A048, nb	-	-
Teal, <i>Anas crecca</i> - A704, nb	-	-
Waterbird assemblage	-	-

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

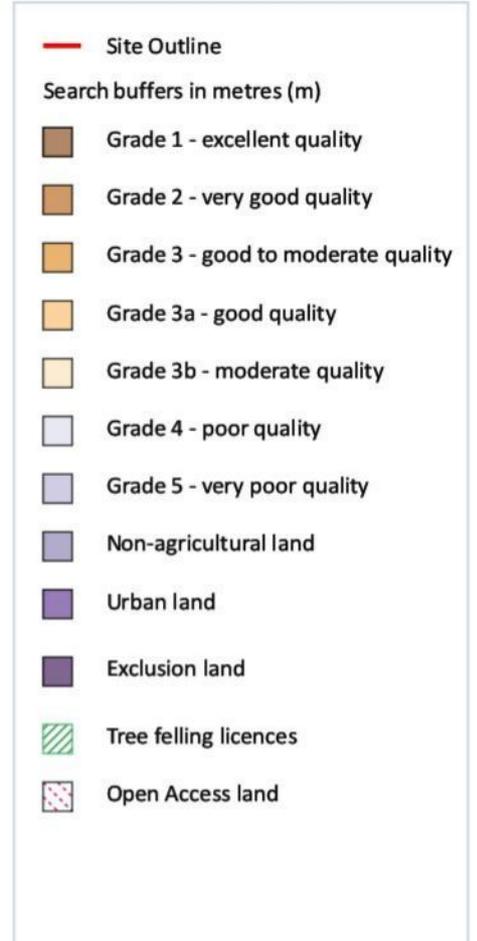
0

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



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 123**

ID	Location	Classification	Description
1	On site	Urban	-

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.

