

Runcorn EfW Facility, Barlow Way, Runcorn, WA7 4HG

Order Details

Date: 12/10/2023
Your ref: CMAPS-CM-1130406-2894-121023
Our Ref: CMAPS-CM-1130406-2894-121023EDRGeo

Site Details

Location: 349829 381716
Area: 8.56 ha
Authority: [Halton Borough Council](#) ↗



[Summary of findings](#)

[p. 2 > Aerial image](#)

[p. 9 >](#)

[OS MasterMap site plan](#)

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

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	37	6	70	139	-
25 >	1.2 >	Historical tanks >	18	25	17	14	-
28 >	1.3 >	Historical energy features >	1	0	16	10	-
29	1.4	Historical petrol stations	0	0	0	0	-
29 >	1.5 >	Historical garages >	0	0	2	0	-
30	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
31 >	2.1 >	Historical industrial land uses >	46	9	87	172	-
43 >	2.2 >	Historical tanks >	26	37	25	26	-
47 >	2.3 >	Historical energy features >	2	0	25	19	-
49	2.4	Historical petrol stations	0	0	0	0	-
49 >	2.5 >	Historical garages >	0	0	4	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
51	3.1	Active or recent landfill	0	0	0	0	-
51 >	3.2 >	Historical landfill (BGS records) >	0	0	1	0	-
52 >	3.3 >	Historical landfill (LA/mapping records) >	1	0	5	4	-
52 >	3.4 >	Historical landfill (EA/NRW records) >	1	1	2	4	-
54 >	3.5 >	Historical waste sites >	1	0	2	2	-
56 >	3.6 >	Licensed waste sites >	0	0	16	6	-
62 >	3.7 >	Waste exemptions >	0	0	32	4	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
66 >	4.1 >	Recent industrial land uses >	15	6	33	-	-
69	4.2	Current or recent petrol stations	0	0	0	0	-
69	4.3	Electricity cables	0	0	0	0	-
70	4.4	Gas pipelines	0	0	0	0	-
70	4.5	Sites determined as Contaminated Land	0	0	0	0	-



70 >	4.6 >	Control of Major Accident Hazards (COMAH) >	0	0	1	3	-
71	4.7	Regulated explosive sites	0	0	0	0	-
71 >	4.8 >	Hazardous substance storage/usage >	0	0	2	1	-
71 >	4.9 >	Historical licensed industrial activities (IPC) >	0	0	47	0	-
77 >	4.10 >	Licensed industrial activities (Part A(1)) >	10	0	2	0	-
79 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	2	3	-
80 >	4.12 >	Radioactive Substance Authorisations >	0	0	9	1	-
81 >	4.13 >	Licensed Discharges to controlled waters >	0	0	31	43	-
93	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
94	4.15	Pollutant release to public sewer	0	0	0	0	-
94 >	4.16 >	List 1 Dangerous Substances >	0	0	6	0	-
94 >	4.17 >	List 2 Dangerous Substances >	0	0	17	0	-
96 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	7	7	-
98 >	4.19 >	Pollution inventory substances >	12	0	0	0	-
102 >	4.20 >	Pollution inventory waste transfers >	1	0	0	0	-
103	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
104 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
106 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
108 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
109	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
110	5.5	Groundwater vulnerability- local information	None (within 0m)				
111 >	5.6 >	Groundwater abstractions >	0	0	2	0	4
113 >	5.7 >	Surface water abstractions >	0	0	0	5	8
117	5.8	Potable abstractions	0	0	0	0	0
117	5.9	Source Protection Zones	0	0	0	0	-
117	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
118 >	6.1 >	Water Network (OS MasterMap) >	0	0	2	-	-



119 >	6.2 >	Surface water features >	0	1	4	-	-
119 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
119 >	6.4 >	WFD Surface water bodies >	0	0	1	-	-
120 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
121	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
121	7.2	Historical Flood Events	0	0	0	-	-
121	7.3	Flood Defences	0	0	0	-	-
122	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
122	7.5	Flood Storage Areas	0	0	0	-	-
123	7.6	Flood Zone 2	None (within 50m)				
123	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
124 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
126 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
127 >	10.1 >	Sites of Special Scientific Interest (SSSI) >	0	0	0	2	0
128 >	10.2 >	Conserved wetland sites (Ramsar sites) >	0	0	0	1	4
129	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
130 >	10.4 >	Special Protection Areas (SPA) >	0	0	0	1	4
131	10.5	National Nature Reserves (NNR)	0	0	0	0	0
131 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	1	1
131	10.7	Designated Ancient Woodland	0	0	0	0	0
131	10.8	Biosphere Reserves	0	0	0	0	0
132	10.9	Forest Parks	0	0	0	0	0
132	10.10	Marine Conservation Zones	0	0	0	0	0
132 >	10.11 >	Green Belt >	0	0	0	0	4
132	10.12	Proposed Ramsar sites	0	0	0	0	0



133	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
133	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
133	10.15	Nitrate Sensitive Areas	0	0	0	0	0
133 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	0	2
135 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
137 >	10.18 >	SSSI Units >	0	0	0	1	4
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
143	11.1	World Heritage Sites	0	0	0	-	-
144	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
144	11.3	National Parks	0	0	0	-	-
144 >	11.4 >	Listed Buildings >	0	0	1	-	-
145	11.5	Conservation Areas	0	0	0	-	-
145	11.6	Scheduled Ancient Monuments	0	0	0	-	-
145	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
146 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
147	12.2	Open Access Land	0	0	0	-	-
147	12.3	Tree Felling Licences	0	0	0	-	-
147	12.4	Environmental Stewardship Schemes	0	0	0	-	-
147	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
148	13.1	Priority Habitat Inventory	0	0	0	-	-
148 >	13.2 >	Habitat Networks >	0	0	2	-	-
149 >	13.3 >	Open Mosaic Habitat >	2	1	1	-	-
149	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
150 >	14.1 >	10k Availability >	Identified (within 500m)				
151	14.2	Artificial and made ground (10k)	0	0	0	0	-
152 >	14.3 >	Superficial geology (10k) >	2	1	2	0	-

153	14.4	Landslip (10k)	0	0	0	0	-
154 >	14.5 >	Bedrock geology (10k) >	1	2	0	2	-
155	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
156 >	15.1 >	50k Availability >	Identified (within 500m)				
157	15.2	Artificial and made ground (50k)	0	0	0	0	-
157	15.3	Artificial ground permeability (50k)	0	0	-	-	-
158 >	15.4 >	Superficial geology (50k) >	2	0	0	1	-
159 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
159	15.6	Landslip (50k)	0	0	0	0	-
159	15.7	Landslip permeability (50k)	None (within 50m)				
160 >	15.8 >	Bedrock geology (50k) >	1	1	0	1	-
161 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
161	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
162 >	16.1 >	BGS Boreholes >	2	1	36	-	-
Page	Section	Natural ground subsidence >					
165 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
167 >	17.2 >	Running sands >	Low (within 50m)				
169 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
170 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
171 >	17.5 >	Landslides >	Very low (within 50m)				
173 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
175 >	18.1 >	BritPits >	0	0	0	2	-
176 >	18.2 >	Surface ground workings >	30	6	87	-	-
181 >	18.3 >	Underground workings >	0	0	0	0	26
182	18.4	Underground mining extents	0	0	0	0	-
182	18.5	Historical Mineral Planning Areas	0	0	0	0	-



182	18.6	Non-coal mining	0	0	0	0	0
182	18.7	JPB mining areas	None (within 0m)				
183	18.8	The Coal Authority non-coal mining	0	0	0	0	-
183	18.9	Researched mining	0	0	0	0	-
183	18.10	Mining record office plans	0	0	0	0	-
183	18.11	BGS mine plans	0	0	0	0	-
184	18.12	Coal mining	None (within 0m)				
184	18.13	Brine areas	None (within 0m)				
184	18.14	Gypsum areas	None (within 0m)				
184	18.15	Tin mining	None (within 0m)				
184	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
185	19.1	Natural cavities	0	0	0	0	-
185	19.2	Mining cavities	0	0	0	0	0
185	19.3	Reported recent incidents	0	0	0	0	-
185	19.4	Historical incidents	0	0	0	0	-
186	19.5	National karst database	0	0	0	0	-
Page	Section	Radon >					
187 >	20.1 >	Radon >	Between 1% and 3% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
189 >	21.1 >	BGS Estimated Background Soil Chemistry >	3	4	-	-	-
189	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
190	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
191	22.1	Underground railways (London)	0	0	0	-	-
191	22.2	Underground railways (Non-London)	0	0	0	-	-
192	22.3	Railway tunnels	0	0	0	-	-
192 >	22.4 >	Historical railway and tunnel features >	24	11	45	-	-
195	22.5	Royal Mail tunnels	0	0	0	-	-



195 >	22.6 >	Historical railways >	3	0	1	-	-
196 >	22.7 >	Railways >	12	3	2	-	-
196	22.8	Crossrail 1	0	0	0	0	-
197	22.9	Crossrail 2	0	0	0	0	-
197	22.10	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 28/09/2022

Site Area: 8.56ha



Recent site history - 2019 aerial photograph



Capture Date: 22/04/2019

Site Area: 8.56ha



Recent site history - 2009 aerial photograph



Capture Date: 24/06/2009

Site Area: 8.56ha



Recent site history - 2005 aerial photograph



Capture Date: 15/05/2005

Site Area: 8.56ha



Recent site history - 2000 aerial photograph

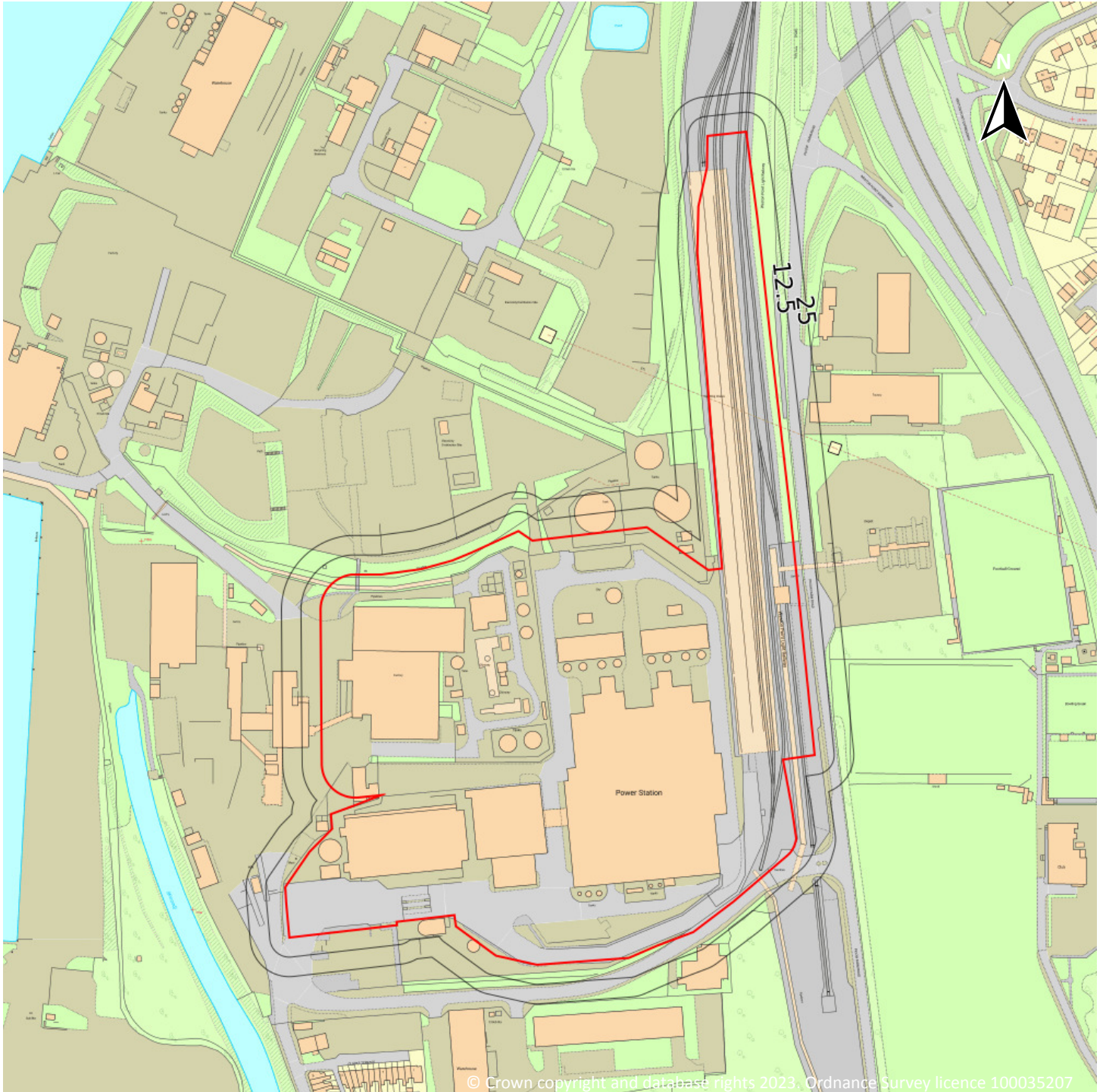


Capture Date: 21/07/2000

Site Area: 8.56ha



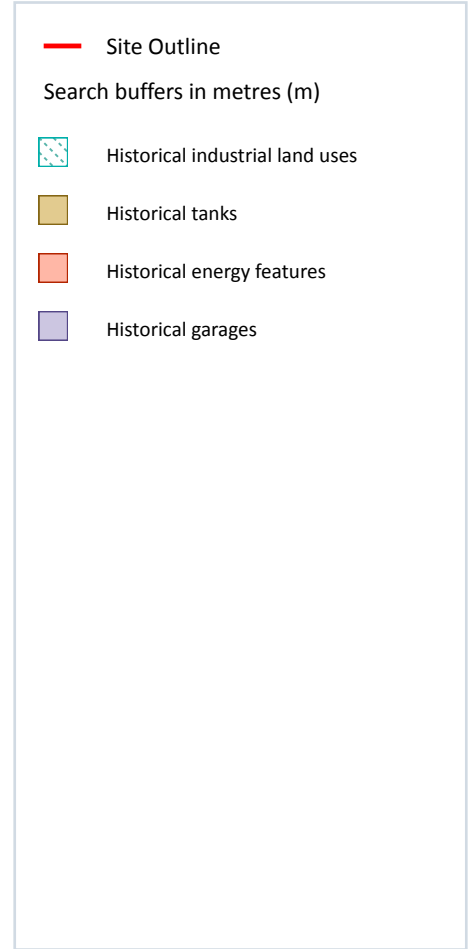
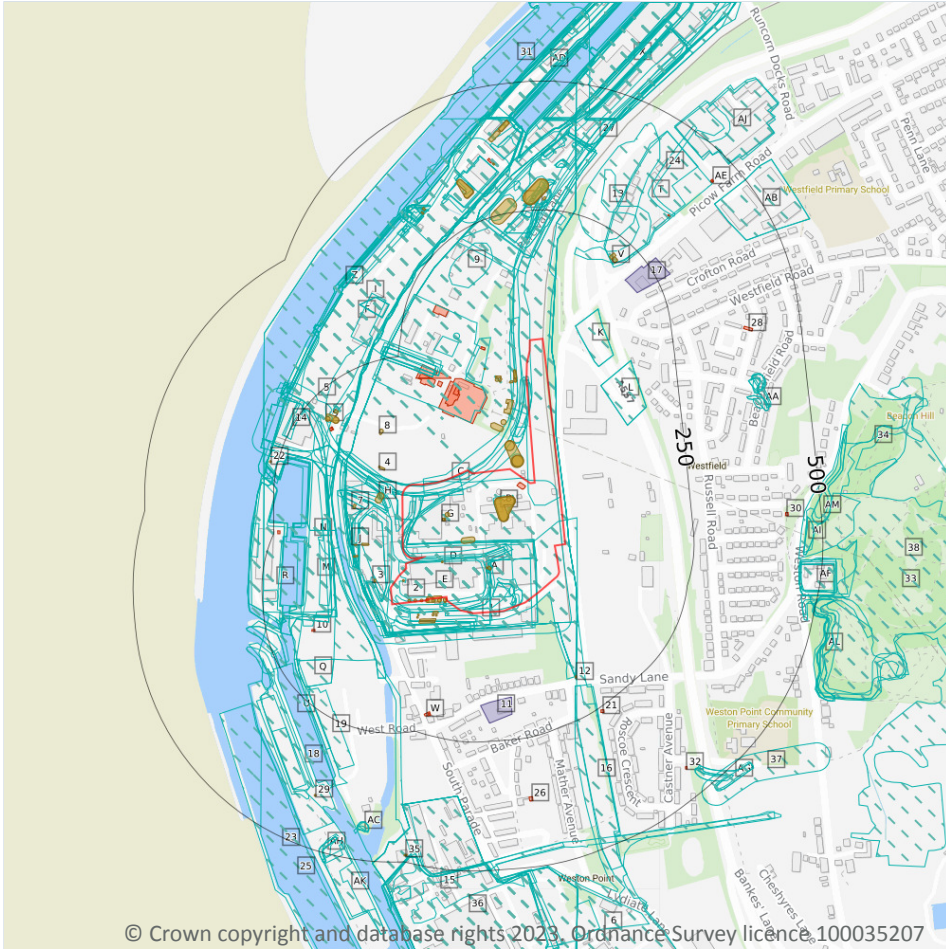
OS MasterMap site plan



Site Area: 8.56ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m **252**

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Refuse Heap	1953	828790

ID	Location	Land use	Dates present	Group ID
2	On site	Railway Sidings	1912	950206
A	On site	Unspecified Tank	1925 - 1938	847145
A	On site	Unspecified Ground Workings	1925	800167
A	On site	Unspecified Pit	1938	839982
A	On site	Unspecified Tank	1953	824855
A	On site	Railway Sidings	1982	844365
A	On site	Unspecified Pits	1912	851363
A	On site	Unspecified Tank	1925	891186
A	On site	Unspecified Pit	1905	914872
A	On site	Unspecified Tank	1905	920944
A	On site	Unspecified Pit	1925 - 1938	922765
B	On site	Unspecified Tanks	1982	815241
C	On site	Unspecified Works	1968	844621
C	On site	Unspecified Works	1968	844620
C	On site	Dock	1953	844647
C	On site	Railway Sidings	1953	844644
C	On site	Railway Sidings	1968	844696
C	On site	Salt works	1953	844733
C	On site	Unspecified Heap	1953	859186
C	On site	Unspecified Heap	1905	864982
C	On site	Unspecified Heap	1894	915793
C	On site	Unspecified Heap	1925 - 1938	916248
C	On site	Railway Sidings	1982	931863
D	On site	Unspecified Works	1982	850449
D	On site	Railway Sidings	1894	861443
D	On site	Salt works	1938	921616
D	On site	Railway Sidings	1905	922608
D	On site	Railway Sidings	1925 - 1938	933725



ID	Location	Land use	Dates present	Group ID
D	On site	Salt works	1897	948231
D	On site	Salt works	1894	963765
D	On site	Salt works	1912	965043
D	On site	Salt works	1905 - 1938	982617
E	On site	Railway Sidings	1897	889892
E	On site	Railway Sidings	1938	940459
E	On site	Railway Sidings	1925	982915
F	On site	Railway Sidings	1908	951962
C	4m N	Railway Sidings	1897	947585
D	6m SW	Unspecified Tank	1905	858970
D	6m SW	Unspecified Tank	1925 - 1938	960828
C	11m NE	Unspecified Tank	1982	824856
H	34m W	Unspecified Tank	1968 - 1982	931788
H	34m W	Unspecified Tank	1953	881051
5	62m SW	Dock	1905 - 1953	862315
I	62m SW	Railway Sidings	1905 - 1953	955735
K	68m NE	Cuttings	1979	978485
K	68m NE	Cuttings	1994	920882
6	70m SE	Railway Sidings	1979	987994
J	72m W	Railway Sidings	1938	955620
C	76m N	Unspecified Heap	1968	803471
E	81m N	Unspecified Works	1982	961376
L	101m NE	Cuttings	1994	961638
L	101m NE	Cuttings	1979	961698
M	108m SW	Unspecified Dock	1908	979888
N	108m SW	Dock	1897	949525
N	108m SW	Dock	1938	957329
N	109m SW	Dock	1968	873665



ID	Location	Land use	Dates present	Group ID
N	110m SW	Docks	1912	851279
N	116m SW	Docks	1925 - 1938	896213
N	116m SW	Docks	1905	951918
M	116m W	Unspecified Warehouses	1982	812697
N	117m SW	Unspecified Dock	1925	880170
O	123m SW	Dock	1894	845632
P	129m N	Brick Works	1912	855022
O	129m W	Unspecified Dock	1908	967411
E	137m N	Unspecified Tanks	1968	815255
P	137m N	Brick Works	1925	989987
E	138m N	Unspecified Depot	1982	818371
I	140m W	Railway Sidings	1894	872827
I	140m W	Dock	1894 - 1982	884813
O	141m W	Unspecified Dock	1925	946779
9	155m N	Refuse Heap	1953	828789
Q	155m SW	Unspecified Wharf	1968	864642
Q	155m SW	Unspecified Wharf	1953	870882
P	159m N	Brick Works	1905	957135
E	163m N	Railway Sidings	1938	922501
R	163m W	Dock	1982	864139
E	171m N	Railway Sidings	1908	897946
P	172m N	Brick Works	1938	883531
13	176m N	Refuse Heap	1964	985597
E	176m N	Railway Sidings	1938	857927
E	176m N	Railway Sidings	1905	862257
E	176m N	Railway Sidings	1925	904042
E	176m N	Railway Sidings	1925	980801
14	178m NW	Unspecified Works	1968 - 1982	946059



ID	Location	Land use	Dates present	Group ID
P	179m N	Brick Works	1908	943385
15	189m SE	Railway Sidings	1964 - 1968	884481
16	189m SE	Railway Sidings	1994	979459
S	194m NW	Unspecified Tank	1968 - 1982	989571
T	196m NE	Unspecified Depot	1979	896309
P	197m N	Unspecified Ground Workings	1925	918261
P	197m N	Unspecified Ground Workings	1905	919862
P	197m N	Unspecified Ground Workings	1925	873811
T	198m NE	Unspecified Depot	1994	863604
S	199m NW	Railway Building	1912	819341
18	200m SW	Dock	1968	882636
U	200m SW	Basin	1908	850554
P	207m N	Unspecified Pit	1908	878124
P	207m N	Unspecified Pit	1938	977103
P	207m N	Unspecified Pit	1912	912663
U	209m SW	Railway Sidings	1908	794506
19	210m SW	Unspecified Warehouse	1968 - 1982	943053
N	213m W	Unspecified Dock	1908	879594
20	216m N	Refuse Heap	1968	980626
N	217m W	Unspecified Dock	1925	881153
P	223m N	Railway Building	1982	819349
U	224m SW	Basin	1925	985430
R	228m SW	Unspecified Wharf	1905	891052
R	228m SW	Unspecified Wharf	1925 - 1938	954996
P	236m N	Railway Sidings	1938	928915
P	236m N	Railway Sidings	1905	973315
P	236m N	Railway Sidings	1925	975312
P	241m N	Unspecified Tanks	1982	815254



ID	Location	Land use	Dates present	Group ID
P	259m N	Railway Sidings	1908	910118
P	259m N	Railway Sidings	1912	977242
I	259m N	Dock	1897	912931
R	262m SW	Unspecified Wharf	1925	826582
N	265m W	Unspecified Warehouses	1982	812699
P	266m N	Unspecified Tanks	1982	815242
I	269m W	Ship Canal	1925	865466
I	269m W	Ship Canal	1905 - 1908	951337
U	271m SW	Basin	1908	959300
I	280m N	Railway Building	1925 - 1938	866038
O	281m NW	Unspecified Warehouse	1982	807104
O	282m NW	Railway Building	1912	911035
O	282m NW	Railway Building	1897	905936
O	282m NW	Railway Building	1938	944824
I	286m N	Railway Building	1912	939330
I	288m N	Railway Building	1897	989623
U	290m SW	Basin	1925	885797
P	291m N	Unspecified Pit	1938	839644
P	292m N	Unspecified Heap	1905	933516
P	292m N	Unspecified Heap	1925	979882
I	295m N	Unspecified Depot	1982	818372
I	308m N	Unspecified Tanks	1982	815253
I	314m N	Pumping Engine	1925	900129
I	314m N	Pumping Engine	1905	990794
I	315m N	Pumping Engine	1925	918359
I	316m N	Railway Building	1925	819342
U	316m SW	Unspecified Warehouse	1982	807102
I	318m N	Pumping Engine	1938	894809



ID	Location	Land use	Dates present	Group ID
I	318m N	Railway Building	1912	972110
I	318m N	Pumping Engine	1912	953667
I	319m N	Railway Building	1897	894312
I	319m N	Railway Building	1897	926664
I	320m N	Pumping Engine	1897	972418
I	320m N	Pumping Engine	1894	966382
I	320m N	Pumping Engine	1908	970778
P	332m N	Unspecified Ground Workings	1925	800170
23	334m SW	Ship Canal	1925	907362
P	334m N	Unspecified Heap	1905	959085
P	334m N	Unspecified Heap	1925	985713
X	335m N	Unspecified Warehouses	1979	892357
X	335m N	Unspecified Warehouses	1994	963654
24	341m NE	Unspecified Ground Workings	1968	800168
P	346m N	Unspecified Dock	1925	907453
P	347m N	Unspecified Pit	1953	839645
25	350m SW	Ship Canal	1908	898525
P	352m N	Railway Sidings	1912	854787
X	353m N	Dock	1912	890840
P	354m N	Railway Sidings	1908	892553
X	354m N	Unspecified Dock	1908	974017
I	355m N	Unspecified Warehouse	1982	807105
X	356m N	Dock	1938	844235
X	356m N	Dock	1897	850137
Y	356m S	Railway Sidings	1953	844643
Y	356m S	Unspecified Works	1953	844656
Y	356m S	Unspecified Works	1982	844660
Y	356m S	Unspecified Commercial/Industrial	1968	844728



ID	Location	Land use	Dates present	Group ID
Z	361m NW	Railway Building	1897	959505
Z	361m NW	Railway Building	1938	978177
Z	363m NW	Railway Building	1912	866556
27	373m N	Railway Sidings	1905	857899
X	373m N	Railway Sidings	1925 - 1938	988722
AA	381m NE	Unspecified Pit	1905	890451
AA	381m NE	Unspecified Pit	1925 - 1938	952576
X	381m N	Unspecified Wharf	1897	889254
X	385m N	Unspecified Wharf	1964	913777
X	386m N	Dock	1912	969961
AA	387m NE	Unspecified Pit	1912 - 1938	853001
AA	387m NE	Unspecified Pit	1905	980245
X	388m N	Unspecified Dock	1908	843634
AA	392m NE	Unspecified Pit	1894	887760
AA	392m NE	Unspecified Ground Workings	1964	900359
AA	394m NE	Unspecified Pit	1938	959741
AA	394m NE	Unspecified Pit	1894	890567
AA	395m NE	Unspecified Ground Workings	1908	949287
P	406m N	Unspecified Warehouse	1982	807110
X	424m N	Unspecified Commercial/Industrial	1938	796546
X	424m N	Docks	1938	960654
AB	424m NE	Unspecified Factory	1979	874705
AB	424m NE	Unspecified Factory	1994	979310
AC	425m S	Unspecified Pit	1912	857707
AC	425m SW	Unspecified Pit	1908	910165
AC	426m S	Unspecified Pit	1938	963295
X	426m N	Docks	1905	900290
X	426m N	Docks	1925	968544



ID	Location	Land use	Dates present	Group ID
X	428m N	Dock	1894	852531
X	429m N	Unspecified Dock	1925	859204
X	430m N	Dock	1968	948371
AD	431m N	Railway Sidings	1925	940068
X	432m N	Unspecified Commercial/Industrial	1938	796547
X	432m N	Unspecified Wharf	1905 - 1938	849443
AD	433m N	Unspecified Dock	1925	880171
AD	433m N	Railway Sidings	1925	933974
X	434m N	Unspecified Wharf	1894	860140
AC	434m SW	Unspecified Ground Workings	1925	800166
AD	435m N	Dock	1912	888477
X	435m N	Unspecified Wharf	1925	887062
31	438m N	Ship Canal	1938	858932
X	445m N	Dock	1964	991066
33	454m E	Unspecified Quarries	1964	914943
AF	455m E	Fever Hospital	1925	851375
AF	456m E	Fever Hospital	1912 - 1938	896539
AF	456m E	Fever Hospital	1905	936169
AF	456m E	Hospital	1938	942021
AF	456m E	Hospital	1964	958603
AF	458m E	Fever Hospital	1897	917719
AG	458m SE	Unspecified Pits	1964	811157
AG	458m SE	Unspecified Pit	1905 - 1908	874279
AG	458m SE	Unspecified Pit	1925 - 1938	934576
AH	459m SW	Unspecified Heap	1912	957354
AF	460m E	Fever Hospital	1908	944154
AG	461m SE	Unspecified Pit	1912	986927
34	462m E	Unspecified Quarry	1968	880499



ID	Location	Land use	Dates present	Group ID
Y	463m S	Railway Sidings	1938	966975
AH	463m SW	Unspecified Ground Workings	1925	800165
AI	463m E	Unspecified Pit	1979	857643
AI	463m E	Unspecified Pit	1994	984162
AH	465m SW	Unspecified Heap	1905	852511
AH	465m SW	Unspecified Heap	1925 - 1938	970045
AJ	466m NE	Unspecified Depot	1979	879237
AJ	467m NE	Unspecified Depot	1994	952400
AK	468m SW	Unspecified Warehouse	1953	870439
AK	475m SW	Unspecified Warehouse	1968	987270
AL	475m E	Unspecified Ground Workings	1905 - 1925	855900
Y	475m S	Alkali Works	1912	853725
Y	480m S	Alkali Works	1925	960006
AM	481m E	Unspecified Ground Workings	1979	872637
AM	481m E	Unspecified Ground Workings	1994	933301
Y	486m S	Railway Sidings	1925 - 1938	991615
36	486m S	Alkali Works	1897 - 1905	871482
Y	486m S	Railway Sidings	1905	852833
Y	486m S	Alkali Works	1925	858314
AL	486m E	Unspecified Heap	1968	803475
X	489m N	Unspecified Warehouse	1968	807109
37	490m SE	Tunnel	1925	866003
AJ	494m NE	Refuse Heap	1968	828791
AL	496m E	Unspecified Ground Workings	1894	990165
AL	497m E	Unspecified Ground Workings	1908	847332
AL	498m E	Unspecified Ground Workings	1938	891192
38	499m E	Unspecified Old Quarries	1912	916458

This data is sourced from Ordnance Survey / Groundsure.



1.2 Historical tanks

Records within 500m

74

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Tank	1899 - 1937	132316
A	On site	Unspecified Tank	1907 - 1927	141186
B	On site	Tanks	1976	127746
B	On site	Tanks	1994 - 1999	135811
B	On site	Tanks	1984 - 1990	136025
D	On site	Tanks	1999	105185
D	On site	Unspecified Tank	1911	111271
D	On site	Unspecified Tank	1927	111272
D	On site	Unspecified Tank	1927	111273
D	On site	Unspecified Tank	1927	111279
D	On site	Unspecified Tank	1927	111283
D	On site	Unspecified Tank	1927	111288
D	On site	Tanks	1907 - 1911	125521
D	On site	Unspecified Tank	1911	135744
D	On site	Unspecified Tank	1927	147780
G	On site	Unspecified Tank	1984 - 1990	128442
G	On site	Unspecified Tank	1999	111270
G	On site	Unspecified Tank	1976 - 1994	124951
D	1m SW	Unspecified Tank	1927	111274
D	2m SW	Unspecified Tank	1927	111275
D	3m SW	Unspecified Tank	1907	143433



ID	Location	Land use	Dates present	Group ID
C	8m NE	Unspecified Tank	1984 - 1990	135933
C	10m NE	Tanks	1994 - 1999	146499
C	10m NE	Unspecified Tank	1976	128017
C	19m N	Tanks	1994	134221
C	19m N	Tanks	1994	127980
C	20m N	Tanks	1984	129381
C	20m N	Tanks	1984 - 1990	140810
D	25m SW	Unspecified Tank	1911	111278
D	25m SW	Tanks	1911	105184
C	26m N	Tanks	1984 - 1994	145808
C	28m N	Tanks	1984 - 1990	143061
D	29m SW	Unspecified Tank	1907 - 1927	138992
D	29m SW	Unspecified Tank	1907	111280
D	31m SW	Unspecified Tank	1907 - 1927	135556
3	31m SW	Unspecified Tank	1899	111287
C	34m N	Unspecified Tank	1990	111268
D	35m SW	Tanks	1911	105181
H	36m W	Unspecified Tank	1927 - 1937	124765
D	39m SW	Tanks	1907 - 1927	143125
C	46m N	Tanks	1994 - 1999	143864
C	48m N	Tanks	1994	105176
C	50m N	Unspecified Tank	1984 - 1994	124892
C	52m N	Tanks	1994	105179
4	54m NW	Unspecified Tank	1937	111289
C	54m N	Tanks	1994	105174
J	66m W	Tanks	1937	105180
C	80m N	Unspecified Tank	1994	111269
J	87m W	Unspecified Tank	1937	111286



ID	Location	Land use	Dates present	Group ID
J	90m W	Unspecified Tank	1976	111285
7	90m W	Tanks	1937	105177
8	113m NW	Tanks	1937	105178
12	172m SE	Unspecified Tank	1927	111267
S	183m NW	Unspecified Tank	1976	111291
S	183m NW	Tanks	1984 - 1999	139360
S	196m NW	Unspecified Tank	1990	111290
S	198m NW	Unspecified Tank	1961 - 1962	142519
V	203m NE	Tanks	1993 - 1994	122841
V	204m NE	Tanks	1994	105171
P	232m N	Tanks	1979 - 1994	140559
P	261m N	Tanks	1994	149247
22	262m W	Unspecified Tank	1911 - 1937	133216
P	262m N	Tanks	1979 - 1984	143243
P	269m N	Tanks	1979 - 1994	144974
I	300m N	Tanks	1994	134371
I	301m N	Tanks	1979 - 1984	141396
I	320m N	Tanks	1907 - 1927	138741
I	324m N	Tanks	1911	105175
I	346m N	Unspecified Tank	1979 - 1994	145236
I	392m N	Tanks	1960 - 1979	133230
29	398m SW	Unspecified Tank	1907 - 1927	141513
I	408m N	Tanks	1962 - 1979	149370
I	409m N	Tanks	1960	122591
35	485m S	Tanks	1984	105182

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

27

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

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

ID	Location	Land use	Dates present	Group ID
C	On site	Electricity Substation	1976 - 1984	78443
E	79m N	Electricity Transformer Station	1984 - 1990	85244
C	86m N	Electricity Substation	1984 - 1994	67510
E	130m N	Electricity Transformer Station	1976	80817
E	131m N	Electricity Substation	1994 - 1999	66393
E	147m N	Electricity Substation	1994	71235
10	157m SW	Electricity Substation	1982	60561
E	163m N	Electricity Substation	1994 - 1999	68767
F	168m N	Electricity Substation	1979 - 1984	76584
E	174m N	Electricity Substation	1984	67498
E	175m N	Electricity Substation	1984 - 1990	73622
S	180m NW	Electricity Substation	1976 - 1999	85376
S	181m NW	Electricity Substation	1984 - 1990	75743
E	185m N	Electricity Substation	1979	75123
W	206m S	Electricity Substation	1984	76099
W	208m S	Electricity Substation	1972	77310
N	238m W	Electricity Substation	1982	60562
21	255m SE	Electricity Substation	1975	60560
T	339m NE	Electricity Substation	1981	74215
T	339m NE	Electricity Substation	1993 - 1994	71906
I	352m N	Electricity Substation	1979 - 1994	80064



ID	Location	Land use	Dates present	Group ID
26	364m S	Electricity Substation	1972 - 1984	78151
28	389m NE	Electricity Substation	1971 - 1994	72231
30	431m E	Electricity Substation	1975 - 1993	74534
32	442m SE	Electricity Substation	1975	60559
AE	446m NE	Electricity Substation	1993 - 1994	85282
AE	447m NE	Electricity Substation	1981	66782

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

2

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

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

ID	Location	Land use	Dates present	Group ID
11	168m S	Garage	1972 - 1984	25136
17	196m NE	Garage	1993 - 1994	25456

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

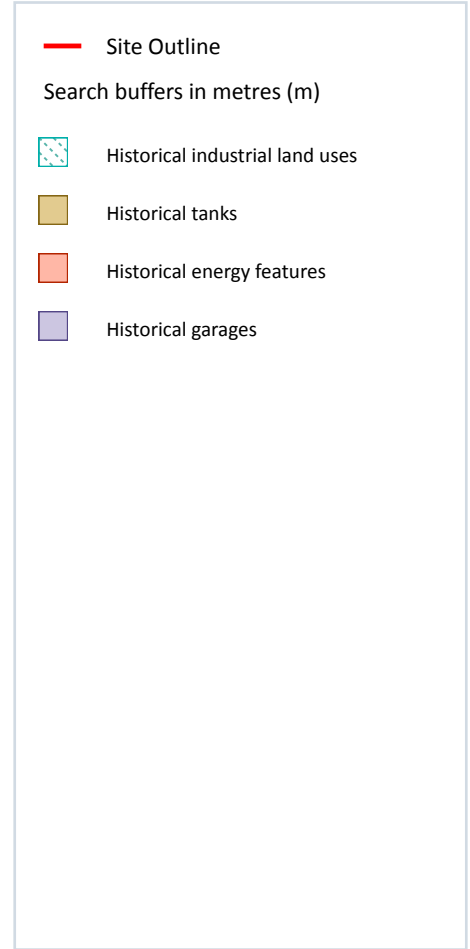
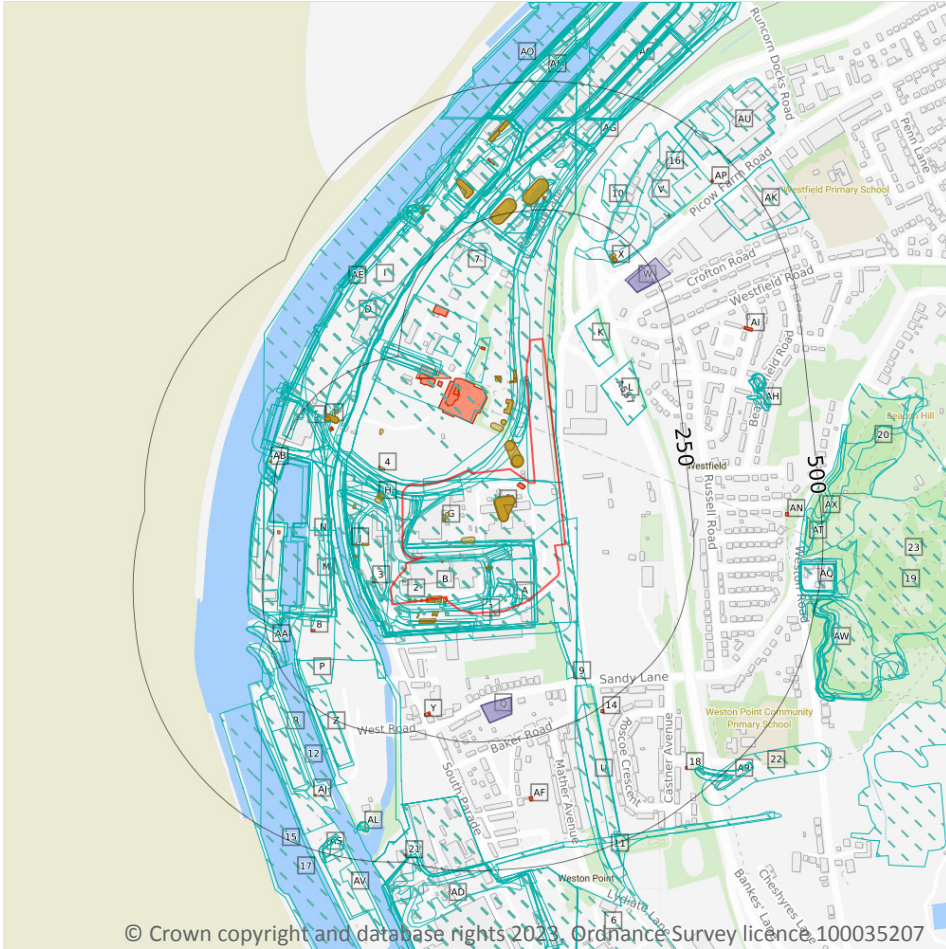
0

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

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



2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m **314**

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on [page 31](#) >

ID	Location	Land Use	Date	Group ID
1	On site	Refuse Heap	1953	828790
2	On site	Railway Sidings	1912	950206
A	On site	Unspecified Pit	1938	839982

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tank	1925	891186
A	On site	Unspecified Ground Workings	1925	800167
A	On site	Unspecified Tank	1938	847145
A	On site	Unspecified Pit	1938	922765
A	On site	Unspecified Tank	1925	847145
A	On site	Unspecified Pit	1925	922765
A	On site	Unspecified Tank	1905	920944
A	On site	Unspecified Pit	1905	914872
A	On site	Unspecified Tank	1953	824855
A	On site	Railway Sidings	1982	844365
A	On site	Unspecified Pits	1912	851363
A	On site	Unspecified Pits	1912	851363
B	On site	Railway Sidings	1938	940459
B	On site	Railway Sidings	1897	889892
B	On site	Unspecified Heap	1894	915793
B	On site	Unspecified Heap	1938	916248
B	On site	Unspecified Heap	1925	916248
B	On site	Unspecified Heap	1905	864982
B	On site	Railway Sidings	1953	844644
B	On site	Salt works	1953	844733
B	On site	Dock	1953	844647
B	On site	Unspecified Heap	1953	859186
B	On site	Railway Sidings	1968	844696
B	On site	Unspecified Works	1968	844620
B	On site	Railway Sidings	1982	931863
C	On site	Salt works	1938	921616
C	On site	Salt works	1897	948231
C	On site	Salt works	1908	982617



ID	Location	Land Use	Date	Group ID
C	On site	Railway Sidings	1894	861443
C	On site	Salt works	1894	963765
C	On site	Salt works	1925	982617
C	On site	Salt works	1938	982617
C	On site	Railway Sidings	1938	933725
C	On site	Salt works	1925	982617
C	On site	Railway Sidings	1925	933725
C	On site	Railway Sidings	1905	922608
C	On site	Salt works	1905	982617
C	On site	Unspecified Works	1968	844621
C	On site	Salt works	1912	965043
C	On site	Unspecified Works	1982	850449
D	On site	Railway Sidings	1908	951962
E	On site	Railway Sidings	1925	982915
F	On site	Unspecified Tanks	1982	815241
B	4m N	Railway Sidings	1897	947585
C	6m SW	Unspecified Tank	1938	960828
C	6m SW	Unspecified Tank	1925	960828
C	6m SW	Unspecified Tank	1905	858970
C	7m SW	Unspecified Tank	1925	960828
B	11m NE	Unspecified Tank	1982	824856
H	34m W	Unspecified Tank	1968	931788
H	34m W	Unspecified Tank	1982	931788
H	34m W	Unspecified Tank	1953	881051
5	62m SW	Dock	1953	862315
I	62m SW	Railway Sidings	1953	955735
K	68m NE	Cuttings	1994	920882
K	68m NE	Cuttings	1979	978485



ID	Location	Land Use	Date	Group ID
6	70m SE	Railway Sidings	1979	987994
J	72m W	Railway Sidings	1938	955620
B	76m N	Unspecified Heap	1968	803471
B	81m N	Unspecified Works	1982	961376
L	101m NE	Cuttings	1994	961638
L	101m NE	Cuttings	1979	961698
M	108m SW	Unspecified Dock	1908	979888
N	108m SW	Dock	1938	957329
N	108m SW	Dock	1897	949525
N	109m SW	Dock	1968	873665
N	110m SW	Docks	1912	851279
N	110m SW	Docks	1912	851279
N	116m SW	Docks	1938	896213
N	116m SW	Docks	1925	896213
N	116m SW	Docks	1905	951918
M	116m W	Unspecified Warehouses	1982	812697
N	117m SW	Unspecified Dock	1925	880170
I	123m SW	Dock	1894	845632
O	129m N	Brick Works	1912	855022
O	129m N	Brick Works	1912	855022
I	129m W	Unspecified Dock	1908	967411
B	137m N	Unspecified Tanks	1968	815255
O	137m N	Brick Works	1925	989987
B	138m N	Unspecified Depot	1982	818371
I	140m W	Dock	1938	884813
I	140m W	Railway Sidings	1938	955735
I	140m W	Railway Sidings	1925	982915
I	140m W	Dock	1925	884813



ID	Location	Land Use	Date	Group ID
I	140m W	Dock	1905	862315
I	140m W	Railway Sidings	1905	955735
I	141m W	Unspecified Dock	1925	946779
7	155m N	Refuse Heap	1953	828789
P	155m SW	Unspecified Wharf	1953	870882
P	155m SW	Unspecified Wharf	1968	864642
O	159m N	Brick Works	1925	989987
O	159m N	Brick Works	1905	957135
B	163m N	Railway Sidings	1938	922501
I	163m NW	Railway Sidings	1894	872827
N	163m W	Dock	1982	864139
B	171m N	Railway Sidings	1908	897946
O	172m N	Brick Works	1938	883531
R	175m SW	Dock	1982	864139
10	176m N	Refuse Heap	1964	985597
B	176m N	Railway Sidings	1938	857927
B	176m N	Railway Sidings	1925	904042
B	176m N	Railway Sidings	1905	862257
B	176m N	Railway Sidings	1925	980801
S	178m NW	Unspecified Works	1982	946059
O	179m N	Brick Works	1908	943385
S	181m NW	Unspecified Works	1968	946059
11	189m SE	Railway Sidings	1964	884481
U	189m SE	Railway Sidings	1994	979459
O	191m N	Dock	1982	884813
T	194m NW	Unspecified Tank	1968	989571
T	194m NW	Unspecified Tank	1982	989571
V	196m NE	Unspecified Depot	1979	896309



ID	Location	Land Use	Date	Group ID
O	197m N	Unspecified Ground Workings	1925	918261
O	197m N	Unspecified Ground Workings	1905	919862
O	197m N	Unspecified Ground Workings	1925	873811
V	198m NE	Unspecified Depot	1994	863604
T	199m NW	Railway Building	1912	819341
12	200m SW	Dock	1968	882636
R	200m SW	Basin	1908	850554
O	207m N	Unspecified Pit	1908	878124
O	207m N	Unspecified Pit	1938	977103
O	207m N	Unspecified Pit	1912	912663
O	207m N	Unspecified Pit	1912	912663
R	209m SW	Railway Sidings	1908	794506
Z	210m SW	Unspecified Warehouse	1982	943053
N	213m W	Unspecified Dock	1908	879594
13	216m N	Refuse Heap	1968	980626
N	217m W	Unspecified Dock	1925	881153
O	223m N	Railway Building	1982	819349
R	224m SW	Basin	1925	985430
U	227m SE	Railway Sidings	1968	884481
AA	228m SW	Unspecified Wharf	1938	954996
AA	228m SW	Unspecified Wharf	1925	954996
AA	228m SW	Unspecified Wharf	1905	891052
Z	236m SW	Unspecified Warehouse	1968	943053
O	236m N	Railway Sidings	1938	928915
O	236m N	Railway Sidings	1925	975312
O	236m N	Railway Sidings	1905	973315
O	241m N	Unspecified Tanks	1982	815254
O	254m N	Dock	1968	884813



ID	Location	Land Use	Date	Group ID
O	259m N	Railway Sidings	1908	910118
O	259m N	Railway Sidings	1912	977242
O	259m N	Dock	1897	912931
AA	262m SW	Unspecified Wharf	1925	826582
N	265m W	Unspecified Warehouses	1982	812699
O	266m N	Unspecified Tanks	1982	815242
O	269m W	Ship Canal	1908	951337
R	271m SW	Basin	1908	959300
O	280m N	Railway Building	1925	866038
I	281m NW	Unspecified Warehouse	1982	807104
I	282m NW	Railway Building	1912	911035
I	282m NW	Railway Building	1938	944824
I	282m NW	Railway Building	1897	905936
O	286m N	Railway Building	1912	939330
O	288m N	Railway Building	1938	866038
O	288m N	Railway Building	1897	989623
R	290m SW	Basin	1925	885797
O	291m N	Unspecified Pit	1938	839644
O	292m N	Unspecified Heap	1925	979882
O	292m N	Unspecified Heap	1905	933516
O	295m N	Unspecified Depot	1982	818372
O	308m N	Unspecified Tanks	1982	815253
O	314m N	Pumping Engine	1925	900129
O	314m N	Pumping Engine	1905	990794
O	315m N	Pumping Engine	1925	918359
O	316m N	Railway Building	1925	819342
R	316m SW	Unspecified Warehouse	1982	807102
O	318m N	Pumping Engine	1938	894809



ID	Location	Land Use	Date	Group ID
O	318m N	Railway Building	1912	972110
O	318m N	Pumping Engine	1912	953667
O	319m N	Railway Building	1897	894312
O	319m N	Railway Building	1897	926664
O	320m N	Pumping Engine	1897	972418
O	320m N	Pumping Engine	1894	966382
O	320m N	Pumping Engine	1908	970778
O	332m N	Unspecified Ground Workings	1925	800170
15	334m SW	Ship Canal	1925	907362
O	334m N	Unspecified Heap	1925	985713
O	334m N	Unspecified Heap	1905	959085
AC	335m N	Unspecified Warehouses	1994	963654
AC	335m N	Unspecified Warehouses	1979	892357
16	341m NE	Unspecified Ground Workings	1968	800168
O	346m N	Unspecified Dock	1925	907453
O	347m N	Unspecified Pit	1953	839645
17	350m SW	Ship Canal	1908	898525
O	352m N	Railway Sidings	1912	854787
AC	353m N	Dock	1912	890840
AC	353m N	Dock	1912	890840
O	354m N	Railway Sidings	1908	892553
AC	354m N	Unspecified Dock	1908	974017
O	355m N	Unspecified Warehouse	1982	807105
AC	356m N	Dock	1938	844235
AC	356m N	Dock	1897	850137
AD	356m S	Railway Sidings	1953	844643
AD	356m S	Unspecified Works	1953	844656
AD	356m S	Railway Sidings	1968	884481



ID	Location	Land Use	Date	Group ID
AD	356m S	Unspecified Commercial/Industrial	1968	844728
AD	356m S	Unspecified Works	1982	844660
AE	361m NW	Railway Building	1938	978177
AE	361m NW	Railway Building	1897	959505
AE	363m NW	Railway Building	1912	866556
AG	373m N	Railway Sidings	1938	988722
AG	373m N	Railway Sidings	1925	988722
AG	373m N	Railway Sidings	1905	857899
AH	381m NE	Unspecified Pit	1938	952576
AH	381m NE	Unspecified Pit	1925	952576
AH	381m NE	Unspecified Pit	1905	890451
AC	381m N	Unspecified Wharf	1897	889254
AC	385m N	Unspecified Wharf	1964	913777
AC	386m N	Dock	1912	969961
AC	386m N	Dock	1912	969961
AH	387m NE	Unspecified Pit	1938	853001
AH	387m NE	Unspecified Pit	1925	853001
AH	387m NE	Unspecified Pit	1905	980245
AC	388m N	Unspecified Dock	1908	843634
AH	388m NE	Unspecified Pit	1925	853001
AH	392m NE	Unspecified Pit	1894	887760
AH	392m NE	Unspecified Ground Workings	1964	900359
AH	394m NE	Unspecified Pit	1938	959741
AH	394m NE	Unspecified Pit	1894	890567
AH	395m NE	Unspecified Ground Workings	1908	949287
AH	396m NE	Unspecified Pit	1912	853001
AH	396m NE	Unspecified Pit	1912	853001
O	406m N	Unspecified Warehouse	1982	807110



ID	Location	Land Use	Date	Group ID
AC	424m N	Docks	1938	960654
AC	424m N	Unspecified Commercial/Industrial	1938	796546
AC	424m N	Docks	1938	960654
AK	424m NE	Unspecified Factory	1994	979310
AK	424m NE	Unspecified Factory	1979	874705
AL	425m S	Unspecified Pit	1912	857707
AL	425m S	Unspecified Pit	1912	857707
AL	425m SW	Unspecified Pit	1908	910165
AL	426m S	Unspecified Pit	1938	963295
AC	426m N	Docks	1925	968544
AC	426m N	Docks	1905	900290
AM	427m N	Railway Sidings	1938	955735
AC	428m N	Dock	1894	852531
AC	429m N	Unspecified Dock	1925	859204
AC	430m N	Dock	1968	948371
AM	431m N	Railway Sidings	1925	940068
AM	431m N	Railway Sidings	1905	955735
AM	431m N	Railway Sidings	1894	872827
AM	431m N	Dock	1894	845632
AC	432m N	Unspecified Wharf	1938	849443
AC	432m N	Unspecified Commercial/Industrial	1938	796547
AC	432m N	Unspecified Wharf	1938	849443
AM	433m N	Railway Sidings	1925	933974
AM	433m N	Unspecified Dock	1925	880171
AC	434m N	Unspecified Wharf	1925	849443
AC	434m N	Unspecified Wharf	1905	849443
AL	434m SW	Unspecified Ground Workings	1925	800166
AM	435m N	Dock	1912	888477



ID	Location	Land Use	Date	Group ID
AM	435m N	Dock	1912	888477
AC	435m N	Unspecified Wharf	1925	887062
AC	437m N	Unspecified Wharf	1894	860140
AC	437m N	Dock	1894	884813
AO	438m N	Ship Canal	1938	858932
AO	439m N	Ship Canal	1925	865466
AC	443m N	Railway Sidings	1925	988722
AC	445m N	Dock	1964	991066
AC	446m N	Railway Sidings	1938	988722
19	454m E	Unspecified Quarries	1964	914943
AQ	455m E	Fever Hospital	1925	851375
AQ	456m E	Hospital	1938	942021
AQ	456m E	Fever Hospital	1925	896539
AQ	456m E	Fever Hospital	1905	936169
AQ	456m E	Hospital	1964	958603
AQ	458m E	Fever Hospital	1938	896539
AQ	458m E	Fever Hospital	1897	917719
AR	458m SE	Unspecified Pits	1964	811157
AR	458m SE	Unspecified Pit	1938	934576
AR	458m SE	Unspecified Pit	1925	934576
AR	458m SE	Unspecified Pit	1905	874279
AS	459m SW	Unspecified Heap	1912	957354
AS	459m SW	Unspecified Heap	1912	957354
AQ	459m E	Fever Hospital	1912	896539
AQ	460m E	Fever Hospital	1908	944154
AR	461m SE	Unspecified Pit	1912	986927
AR	461m SE	Unspecified Pit	1912	986927
20	462m E	Unspecified Quarry	1968	880499



ID	Location	Land Use	Date	Group ID
AD	463m S	Railway Sidings	1938	966975
AS	463m SW	Unspecified Ground Workings	1925	800165
AT	463m E	Unspecified Pit	1994	984162
AT	463m E	Unspecified Pit	1979	857643
AS	465m SW	Unspecified Heap	1938	970045
AS	465m SW	Unspecified Heap	1925	970045
AS	465m SW	Unspecified Heap	1905	852511
AU	466m NE	Unspecified Depot	1979	879237
AU	467m NE	Unspecified Depot	1994	952400
AV	468m SW	Unspecified Warehouse	1953	870439
AV	475m SW	Unspecified Warehouse	1968	987270
AW	475m E	Unspecified Ground Workings	1925	855900
AD	475m S	Alkali Works	1912	853725
AD	480m S	Alkali Works	1925	960006
AX	481m E	Unspecified Ground Workings	1994	933301
AX	481m E	Unspecified Ground Workings	1979	872637
AD	486m S	Railway Sidings	1925	991615
AD	486m S	Alkali Works	1925	858314
AD	486m S	Railway Sidings	1925	991615
AD	486m S	Alkali Works	1905	871482
AD	486m S	Railway Sidings	1905	852833
AW	486m E	Unspecified Heap	1968	803475
AC	489m N	Unspecified Warehouse	1968	807109
22	490m SE	Tunnel	1925	866003
AU	494m NE	Refuse Heap	1968	828791
AW	496m E	Unspecified Ground Workings	1894	990165
AW	497m E	Unspecified Ground Workings	1908	847332
AW	498m E	Unspecified Ground Workings	1938	891192



ID	Location	Land Use	Date	Group ID
AW	498m E	Unspecified Ground Workings	1925	855900
AW	498m E	Unspecified Ground Workings	1905	855900
23	499m E	Unspecified Old Quarries	1912	916458

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

114

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 31](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tank	1907	141186
A	On site	Unspecified Tank	1927	141186
A	On site	Unspecified Tank	1899	132316
A	On site	Unspecified Tank	1911	132316
A	On site	Unspecified Tank	1937	132316
C	On site	Tanks	1907	125521
C	On site	Unspecified Tank	1927	111283
C	On site	Unspecified Tank	1927	111279
C	On site	Unspecified Tank	1927	111272
C	On site	Unspecified Tank	1927	111273
C	On site	Unspecified Tank	1927	147780
C	On site	Unspecified Tank	1927	111288
C	On site	Unspecified Tank	1911	135744
C	On site	Unspecified Tank	1911	111271
C	On site	Tanks	1911	125521
C	On site	Tanks	1999	105185
F	On site	Tanks	1994	135811



ID	Location	Land Use	Date	Group ID
F	On site	Tanks	1976	127746
F	On site	Tanks	1984	136025
F	On site	Tanks	1990	136025
F	On site	Tanks	1999	135811
G	On site	Unspecified Tank	1994	124951
G	On site	Unspecified Tank	1976	124951
G	On site	Unspecified Tank	1984	128442
G	On site	Unspecified Tank	1990	128442
G	On site	Unspecified Tank	1999	111270
C	1m SW	Unspecified Tank	1927	111274
C	2m SW	Unspecified Tank	1927	111275
C	3m SW	Unspecified Tank	1907	143433
B	8m NE	Unspecified Tank	1984	135933
B	8m NE	Unspecified Tank	1990	135933
B	10m NE	Tanks	1994	146499
B	10m NE	Tanks	1999	146499
B	10m NE	Unspecified Tank	1976	128017
B	19m N	Tanks	1994	134221
B	19m N	Tanks	1994	127980
B	19m N	Tanks	1994	134221
B	20m N	Tanks	1984	129381
B	20m N	Tanks	1984	140810
B	20m N	Tanks	1990	140810
C	25m SW	Unspecified Tank	1911	111278
C	25m SW	Tanks	1911	105184
B	26m N	Tanks	1994	145808
B	27m N	Tanks	1984	145808
B	27m N	Tanks	1990	145808



ID	Location	Land Use	Date	Group ID
B	28m N	Tanks	1984	143061
B	28m N	Tanks	1990	143061
C	29m SW	Unspecified Tank	1907	138992
C	29m SW	Unspecified Tank	1927	138992
C	29m SW	Unspecified Tank	1907	111280
C	31m SW	Unspecified Tank	1907	135556
C	31m SW	Unspecified Tank	1927	135556
3	31m SW	Unspecified Tank	1899	111287
B	34m N	Unspecified Tank	1990	111268
C	35m SW	Tanks	1911	105181
H	36m W	Unspecified Tank	1937	124765
C	39m SW	Tanks	1907	143125
C	39m SW	Tanks	1927	143125
H	40m W	Unspecified Tank	1927	124765
B	46m N	Tanks	1994	143864
B	46m N	Tanks	1999	143864
B	48m N	Tanks	1994	105176
B	50m N	Unspecified Tank	1994	124892
B	51m N	Unspecified Tank	1984	124892
B	52m N	Tanks	1994	105179
4	54m NW	Unspecified Tank	1937	111289
B	54m N	Tanks	1994	105174
J	66m W	Tanks	1937	105180
B	80m N	Unspecified Tank	1994	111269
J	87m W	Unspecified Tank	1937	111286
J	90m W	Unspecified Tank	1976	111285
H	90m W	Tanks	1937	105177
E	113m NW	Tanks	1937	105178



ID	Location	Land Use	Date	Group ID
9	172m SE	Unspecified Tank	1927	111267
T	183m NW	Unspecified Tank	1976	111291
T	183m NW	Tanks	1984	139360
T	183m NW	Tanks	1990	139360
T	184m NW	Tanks	1994	139360
T	184m NW	Tanks	1999	139360
T	196m NW	Unspecified Tank	1990	111290
T	198m NW	Unspecified Tank	1962	142519
T	198m NW	Unspecified Tank	1961	142519
X	203m NE	Tanks	1994	122841
X	204m NE	Tanks	1994	105171
X	204m NE	Tanks	1993	122841
O	232m N	Tanks	1994	140559
O	233m N	Tanks	1979	140559
O	233m N	Tanks	1984	140559
O	261m N	Tanks	1994	149247
AB	262m W	Unspecified Tank	1911	133216
AB	262m W	Unspecified Tank	1937	133216
O	262m N	Tanks	1979	143243
O	262m N	Tanks	1984	143243
O	269m N	Tanks	1994	144974
O	270m N	Tanks	1979	144974
O	270m N	Tanks	1984	144974
O	300m N	Tanks	1994	134371
O	301m N	Tanks	1979	141396
O	301m N	Tanks	1984	141396
O	320m N	Tanks	1907	138741
O	320m N	Tanks	1927	138741



ID	Location	Land Use	Date	Group ID
O	324m N	Tanks	1911	105175
O	346m N	Unspecified Tank	1994	145236
O	347m N	Unspecified Tank	1979	145236
O	347m N	Unspecified Tank	1984	145236
O	392m N	Tanks	1979	133230
O	392m N	Tanks	1960	133230
O	392m N	Tanks	1962	133230
AJ	398m SW	Unspecified Tank	1907	141513
AJ	398m SW	Unspecified Tank	1927	141513
O	408m N	Tanks	1979	149370
O	409m N	Tanks	1960	122591
O	409m N	Tanks	1962	149370
21	485m S	Tanks	1984	105182

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

46

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 31 >](#)

ID	Location	Land Use	Date	Group ID
B	On site	Electricity Substation	1976	78443
B	On site	Electricity Substation	1984	78443
B	79m N	Electricity Transformer Station	1984	85244
B	79m N	Electricity Transformer Station	1990	85244
B	86m N	Electricity Substation	1994	67510
B	87m N	Electricity Substation	1984	67510
B	130m N	Electricity Transformer Station	1976	80817



ID	Location	Land Use	Date	Group ID
B	131m N	Electricity Substation	1994	66393
B	131m N	Electricity Substation	1999	66393
B	147m N	Electricity Substation	1994	71235
8	157m SW	Electricity Substation	1982	60561
B	163m N	Electricity Substation	1994	68767
B	163m N	Electricity Substation	1999	68767
D	168m N	Electricity Substation	1979	76584
D	168m N	Electricity Substation	1984	76584
B	174m N	Electricity Substation	1984	67498
B	175m N	Electricity Substation	1984	73622
B	175m N	Electricity Substation	1990	73622
T	180m NW	Electricity Substation	1976	85376
T	181m NW	Electricity Substation	1994	85376
T	181m NW	Electricity Substation	1999	85376
T	181m NW	Electricity Substation	1984	75743
T	181m NW	Electricity Substation	1990	75743
B	185m N	Electricity Substation	1979	75123
Y	206m S	Electricity Substation	1984	76099
Y	208m S	Electricity Substation	1972	77310
N	238m W	Electricity Substation	1982	60562
14	255m SE	Electricity Substation	1975	60560
V	339m NE	Electricity Substation	1981	74215
V	339m NE	Electricity Substation	1994	71906
V	339m NE	Electricity Substation	1993	71906
O	352m N	Electricity Substation	1994	80064
O	353m N	Electricity Substation	1979	80064
O	353m N	Electricity Substation	1984	80064
AF	364m S	Electricity Substation	1984	78151



ID	Location	Land Use	Date	Group ID
AF	364m S	Electricity Substation	1972	78151
AI	389m NE	Electricity Substation	1981	72231
AI	390m NE	Electricity Substation	1994	72231
AI	390m NE	Electricity Substation	1993	72231
AI	390m NE	Electricity Substation	1971	72231
AN	431m E	Electricity Substation	1975	74534
AN	431m E	Electricity Substation	1993	74534
18	442m SE	Electricity Substation	1975	60559
AP	446m NE	Electricity Substation	1994	85282
AP	446m NE	Electricity Substation	1993	85282
AP	447m NE	Electricity Substation	1981	66782

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

4

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 31 >](#)

ID	Location	Land Use	Date	Group ID
Q	168m S	Garage	1984	25136
Q	168m S	Garage	1972	25136

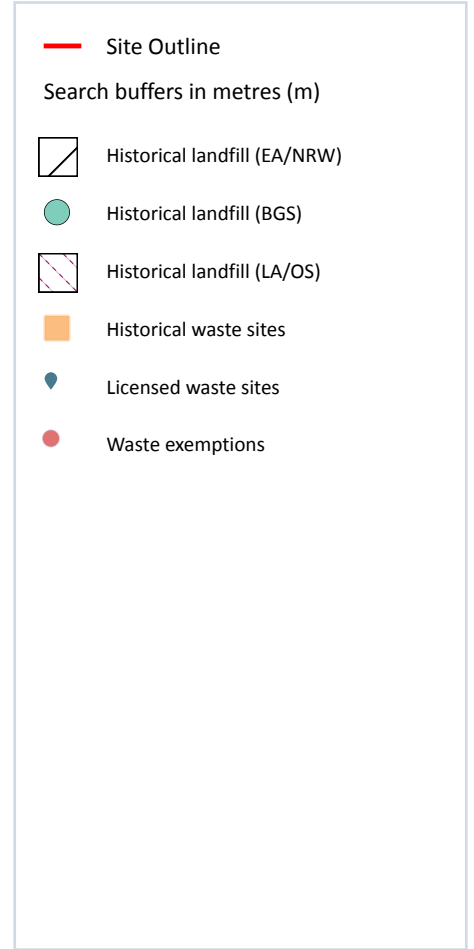
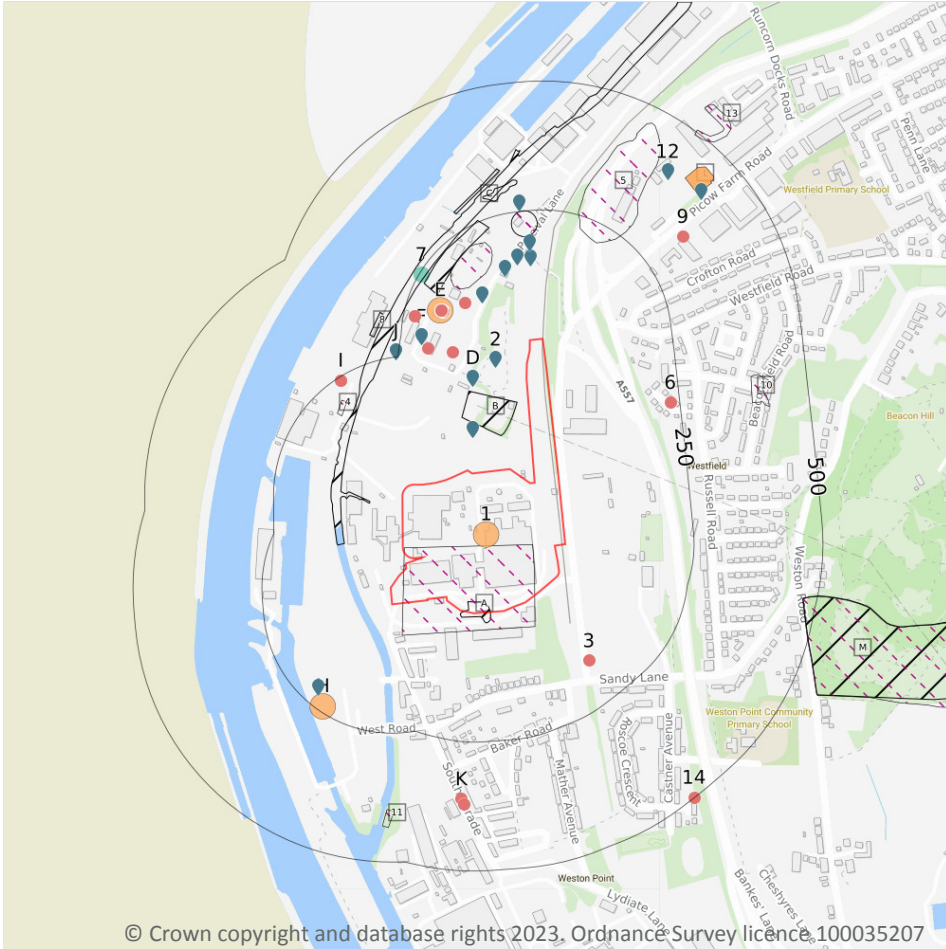


ID	Location	Land Use	Date	Group ID
W	196m NE	Garage	1994	25456
W	199m NE	Garage	1993	25456

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

1

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.

Features are displayed on the Waste and landfill map on [page 51 >](#)

ID	Location	Address	BGS Number	Risk	Waste Type
7	246m N	Runcorn Docks, Percival Lane, Runcorn, Cheshire	1925	No risk to aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	10
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Landfill sites identified from Local Authority records and high detail historical mapping.

Features are displayed on the Waste and landfill map on [page 51 >](#)

ID	Location	Site address	Source	Data type
A	On site	Weston Point, Runcorn	Halton Borough Council and historical mapping	Polygon
C	154m N	Weston Canal, Runcorn	Halton Borough Council and historical mapping	Polygon
4	187m NW	Weston Point, Runcorn	Halton Borough Council and historical mapping	Polygon
G	201m N	Jackson's, Percival Lane, Runcorn	Halton Borough Council	Point
G	201m N	-	Halton Borough Council	Point
5	213m N	Picow Farm Road, Westfield, Runcorn	Halton Borough Council and historical mapping	Polygon
10	390m NE	Beaconsfield Road, Westfield, Runcorn	Halton Borough Council and historical mapping	Polygon
11	398m S	South Parade, Runcorn	Halton Borough Council and historical mapping	Polygon
M	473m E	Weston Road, Runcorn	Halton Borough Council and historical mapping	Polygon
13	494m NE	Picow Farm Road, Westfield, Runcorn	Halton Borough Council and historical mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	8
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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 51 >](#)



ID	Location	Details		
A	On site	Site Address: Weston Point, Runcorn Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1954 Last Recorded: 31/12/1970
B	21m N	Site Address: Runcorn Docks, Picow Farm Road, Runcorn Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -
C	63m W	Site Address: Runcorn and Weston Canal, Percival Lane, Runcorn Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1963 Last Recorded: 31/12/1982
C	199m N	Site Address: Runcorn Docks, Picow Farm Road, Runcorn Licence Holder Address: Ship Canal House, King Street, Manchester	Waste Licence: Yes Site Reference: 60337 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 12/08/1976 Licence Surrender: 24/11/1980	Operator: - Licence Holder: The Manchester Ship Canal Company First Recorded 31/12/1966 Last Recorded: 31/05/1980
G	278m N	Site Address: Runcorn Docks, Percival Lane, Runcorn, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Runcorn Development Corporation Licence Holder: - First Recorded - Last Recorded: -
G	283m N	Site Address: Runcorn Docks, Percival Lane, Runcorn, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Runcorn Development Corporation Licence Holder: - First Recorded - Last Recorded: -



ID	Location	Details		
8	290m NW	Site Address: Runcorn Docks, Percival Lane, Runcorn, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Runcorn Development Corporation Licence Holder: - First Recorded - Last Recorded: -
M	473m E	Site Address: Weston Road, Runcorn, Cheshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 01/01/1968 Last Recorded: 31/12/1982

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

3.5 Historical waste sites

Records within 500m	5
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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 51 >](#)

ID	Location	Address	Further Details	Date
1	On site	Site Address: Weston Point, RUNCORN, Cheshire, WA7 4JE	<p>Type of Site: Energy from Waste Power Plant</p> <p>Planning application reference: 0700068/ELC</p> <p>Description: Scheme comprises the construction of a new energy from waste combined heat and power (CHP) station with a capacity of 100 MW, at Runcorn, Cheshire. The plant will be made up of a range of buildings and structures including a 47m [154ft] building and a 10 5m [344ft] stack (chimney). The height of the stack is similar to the height of the existing stack at Weston Point Power Station. Weston Point Power Station will be closed in the near future and this stack will be demolished.</p> <p>Construction - energy from waste fittings. Consultation application (ref: 0700068/ELC) for detailed planning permission was granted by Halton B.C. Government approval has been received. The proposed plant has capacity to potentially take waste from Manchester, Merseyside, Halton, Cheshire and Warrington which would otherwise have gone to landfill. For the related lead please see: 09375210 Interserve have secured a 14M contract to provide mechanical and process engineering services to install major equipment items as well as providing other works including scaffolding services.</p> <p>Data source: Historic Planning Application</p> <p>Data Type: Point</p>	08/06/2009
E	158m N	Site Address: Plot 7, Percival Lane, RUNCORN, Cheshire, WA7 4UY	<p>Type of Site: Skip Hire/Recycling Facility</p> <p>Planning application reference: 06/00338/COU</p> <p>Description: Scheme comprises use of premises for skip hire, waste removal and recycling. An application (ref: 06/00338/COU) for detailed planning permission was granted by Halton B.C. Planning decision obtained</p> <p>Data source: Historic Planning Application</p> <p>Data Type: Point</p>	-
H	214m SW	Site Address: Transit Shed 13, West Point Dock, RUNCORN, Cheshire	<p>Type of Site: Waste Transfer Station (cou)</p> <p>Planning application reference: 93/00765</p> <p>Description: Comprises cou to waste transfer station for the segregation and sorting of controlled waste for recycling prior to landfill. An application (ref: 93/00765) for Detailed Planning permission was submitted to Halton B.C. on 1st December 1993.</p> <p>Data source: Historic Planning Application</p> <p>Data Type: Point</p>	-
L	411m NE	Site Address: N/A	<p>Type of Site: Household Waste Site</p> <p>Planning application reference: N/A</p> <p>Description: N/A</p> <p>Data source: Historic Mapping</p> <p>Data Type: Polygon</p>	1994



ID	Location	Address	Further Details	Date
L	411m NE	Site Address: N/A	Type of Site: Household Waste Site Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1993

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

3.6 Licensed waste sites

Records within 500m	22
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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 51 >](#)

ID	Location	Details		
2	61m N	Site Name: D P Effluent Treatment Ltd Site Address: D P Effluent Treatment Limited, Land/premises At, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Chemical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 628361 EPR reference: EA/EPR/EP3592CH Operator: D P Effluent Treatment Limited Waste Management licence No: 53553 Annual Tonnage: 416	Issue Date: 27/03/1997 Effective Date: 27/03/1997 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 27/03/1997 Status: Expired
B	79m N	Site Name: - Site Address: 2, Percival Lane, Runcorn, Cheshire, WA7 4UU Correspondence Address: 26, Cresswell Close, Callands, Warrington, WA5 5UA	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GKA001 EPR reference: - Operator: Mr. G. Kay Waste Management licence No: 53861 Annual Tonnage: 5000	Issue Date: 07/05/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 29/04/1995 Cancelled Date: - Status: Expired



ID	Location	Details		
B	79m N	Site Name: Autosalvage Site Address: Mr G Kay, 2, Percival Lane, Runcorn, Cheshire, WA7 4UU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 646561 EPR reference: EA/EPR/RP3196CQ Operator: Mr G Kay Waste Management licence No: 53861 Annual Tonnage: 5000	Issue Date: 07/05/1992 Effective Date: 07/05/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 07/05/1992 Status: Expired
D	104m N	Site Name: Banks Car Commercial Site Address: Yard 12, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: Yard 12, Percival Lane, Runcorn, Cheshire, WA7 4DS	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JAL001 EPR reference: - Operator: Allen J Waste Management licence No: 53786 Annual Tonnage: 5000	Issue Date: 04/06/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	104m N	Site Name: Banks Car Commercial Site Address: J Allen, Yard 12, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 644856 EPR reference: EA/EPR/ZP3996CQ Operator: J Allen Waste Management licence No: 53786 Annual Tonnage: 5000	Issue Date: 04/06/1993 Effective Date: 04/06/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 04/06/1993 Status: Surrendered
E	128m N	Site Name: Northwest Skip & Plant Hire Site Address: 19, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR019 EPR reference: EA/EPR/JP3394CE/V003 Operator: Northwest Skip & Plant Hire Limited Waste Management licence No: 50471 Annual Tonnage: 25000	Issue Date: 19/01/2007 Effective Date: - Modified: 21/10/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired



ID	Location	Details		
E	128m N	Site Name: Northwest Skip & Plant Hire Site Address: Northwest Skip & Plant Hire Limited, 19, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 625630 EPR reference: EA/EPR/JP3394CE Operator: Northwest Skip & Plant Hire Limited Waste Management licence No: 50471 Annual Tonnage: 25000	Issue Date: 19/01/2007 Effective Date: 19/01/2007 Modified: 19/01/2007 Surrendered Date: - Expiry Date: - Cancelled Date: 19/01/2007 Status: Expired
G	147m N	Site Name: P J Commercials Site Address: P Shone, Unit 20, Percival Lane, Runcorn, Cheshire, WA7 4UX Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 636722 EPR reference: EA/EPR/ZP3596CE Operator: P Shone Waste Management licence No: 53787 Annual Tonnage: 4999	Issue Date: 04/06/1993 Effective Date: 04/06/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 04/06/1993 Status: Issued
G	158m N	Site Name: Runcorn Wood Recycling Site Site Address: Veolia Es Landfill Limited, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 655898 EPR reference: EA/EPR/HB3902HZ Operator: Veolia Es Landfill Limited Waste Management licence No: 406584 Annual Tonnage: 50000	Issue Date: 17/09/2020 Effective Date: 17/09/2020 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 17/09/2020 Status: Issued
G	164m N	Site Name: J & S Autospare Site Address: Plot 22, Percival Lane, Runcorn, Cheshire, WA7 4XE Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SHA014 EPR reference: EA/EPR/XP3694CF/A001 Operator: Shaw Stephen Waste Management licence No: 50293 Annual Tonnage: 2500	Issue Date: 09/08/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
G	187m N	Site Name: Plot 22 Percival Lane Site Address: Total Recycling Cheshire Limited, Plot 22, Percival Lane, Runcorn, Cheshire, WA7 4XE Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 645204 EPR reference: EA/EPR/JB3837RC Operator: Total Recycling Cheshire Limited Waste Management licence No: 50293 Annual Tonnage: 2500	Issue Date: 09/08/2004 Effective Date: 09/08/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 09/08/2004 Status: Issued
F	211m N	Site Name: Runcorn Skip Hire Site Address: Percival Lane, Runcorn Dock Estate, Runcorn, Cheshire, WA7 4DS Correspondence Address: Percival Lane, Runcorn Dock Estate, Runcorn, Cheshire, WA7 4DS	Type of Site: Household, Commercial & Industrial Waste T Stn Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: RSH001 EPR reference: - Operator: Jones Gwyn Waste Management licence No: 50063 Annual Tonnage: 0	Issue Date: 12/07/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	211m N	Site Name: Runcorn Skip Hire Site Address: Runcorn Skip Hire, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RSH001 EPR reference: EA/EPR/EP3298CV/A001 Operator: Jones Gwyn Waste Management licence No: 50063 Annual Tonnage: 5000	Issue Date: 12/07/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
F	211m N	Site Name: Runcorn Skip Hire Site Address: Runcorn Skip Hire, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRA170 EPR reference: EA/EPR/MB3038AK/T001 Operator: Graham Ivan Waste Management licence No: 50063 Annual Tonnage: 5000	Issue Date: 12/07/2001 Effective Date: 10/01/2013 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
F	211m N	Site Name: Runcorn Skip Hire Site Address: Jason Swindley, Runcorn Skip Hire, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 657953 EPR reference: EA/EPR/LB3306LW Operator: Jason Swindley Waste Management licence No: 50063 Annual Tonnage: 5000	Issue Date: 08/12/2022 Effective Date: 12/07/2001 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 12/07/2001 Status: Issued
H	216m SW	Site Name: Mr Ralph Avis Site Address: Transfer Shed, 13, Weston Point Docks, Runcorn, WA7 Correspondence Address: Transfer Shed, 13, Weston Point Docks, Runcorn, WA7	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RAV001 EPR reference: - Operator: Avis Ralph Waste Management licence No: 53531 Annual Tonnage: 2083	Issue Date: 21/09/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
J	255m NW	Site Name: Runcorn Vehicle Dismantlers Site Address: Plot 4, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RUN001 EPR reference: YP3198CH/A001 Operator: Allen Jeremy Waste Management licence No: 50139 Annual Tonnage: 2499	Issue Date: 30/01/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
J	255m NW	Site Name: Runcorn Vehicle Dismantlers Site Address: Plot 4, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RUN001 EPR reference: EA/EPR/YP3198CH/V002 Operator: Allen Jeremy Waste Management licence No: 50139 Annual Tonnage: 74999	Issue Date: 30/01/2004 Effective Date: - Modified: 24/01/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
J	255m NW	Site Name: Runcorn Vehicle Dismantlers Site Address: Jeremy Allen, Plot 4, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: 75kte Vehicle Depollution Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 633779 EPR reference: EA/EPR/YP3198CH Operator: Jeremy Allen Waste Management licence No: 50139 Annual Tonnage: 74999	Issue Date: 30/01/2004 Effective Date: 30/01/2004 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 30/01/2004 Status: Issued
G	266m N	Site Name: Northwest Skip & Plant Hire Site Address: 19, Percival Lane, Runcorn, Cheshire, WA7 4DS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR019 EPR reference: EA/EPR/JP3394CE/A001 Operator: Northwest Skip & Plant Hire Ltd Waste Management licence No: 50471 Annual Tonnage: 25000	Issue Date: 19/01/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
12	404m NE	Site Name: Runcorn Civic Amenity Site Site Address: Picow Farm Road, Runcorn, Cheshire, WA7 4UD Correspondence Address: Port Of Liverpool Building, 2nd Floor, Pier Head, Liverpool, L3 1BY	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MWH007 EPR reference: - Operator: Mersey Waste Holdings Ltd Waste Management licence No: 53810 Annual Tonnage: 0	Issue Date: 01/02/1993 Effective Date: 29/09/2000 Modified: 28/09/2000 Surrendered Date: - Expiry Date: 22/10/1997 Cancelled Date: - Status: Transferred
L	419m NE	Site Name: Picow Farm H W R C Site Address: Veolia Es Merseyside & Halton Limited, Land/premises At, Picow Farm Road, Runcorn, Cheshire, WA7 4UD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 656150 EPR reference: EA/EPR/EP3690LW Operator: Veolia Es Merseyside & Halton Limited Waste Management licence No: 53810 Annual Tonnage: 24999	Issue Date: 01/02/1993 Effective Date: 01/02/1993 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: 01/02/1993 Status: Issued

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

3.7 Waste exemptions

Records within 500m	36
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Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on [page 51 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
E	145m N	Plot 20 Percival Lane RUNCORN Cheshire WA7 4XE	EPR/JF0003BJ/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
F	146m N	YARD 12, PERCIVAL LANE, RUNCORN, WA7 4DS	WEX242341	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
3	165m SE	Picow Farm Road Runcorn Cheshire WA7 4ET	EPR/ZE5651W L/A001	Using waste exemption	Non- Agricultura l Waste Only	Use of waste in construction
E	177m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX212495	Using waste exemption	Not on a farm	Use of waste in construction
E	177m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX212495	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	177m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX212495	Treating waste exemption	Not on a farm	Screening and blending of waste
E	177m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX212495	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	177m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX212495	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	177m N	Biomass Yard, Percival Lane, Runcorn, WA7 4DS	WEX152329	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	177m N	Biomass Yard, Percival Lane, Runcorn, WA7 4DS	WEX152329	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Using waste exemption	Not on a farm	Use of mulch
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Treating waste exemption	Not on a farm	Recovery of textiles
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Treating waste exemption	Not on a farm	Screening and blending of waste
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Using waste exemption	Not on a farm	Incorporation of ash into soil
E	181m N	Watmore's, Percival Lane, Runcorn, WA74DS	WEX089443	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
E	181m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX056698	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	181m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX056698	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	181m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX056698	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	181m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX056698	Treating waste exemption	Not on a farm	Screening and blending of waste
E	181m N	Runcorn Skip Hire, Plot 21, Percival Lane, Runcorn, WA7 4DS	WEX056698	Using waste exemption	Not on a farm	Use of waste in construction
F	194m N	Old Power House Site, Percival Lane, Runcorn, WA7 4DS	WEX244959	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	228m N	-	WEX240832	Using waste exemption	Not on a farm	Use of waste for a specified purpose
F	228m N	-	WEX242676	Storing waste exemption	Not on a farm	Storage of waste in secure containers
6	231m NE	Russell Road WA7 4BH	EPR/AE5752V U/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
I	243m NW	Francis Flower (Northern) Ltd Percival Lane Runcorn WA7 4UY	EPR/WF0601X W/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose

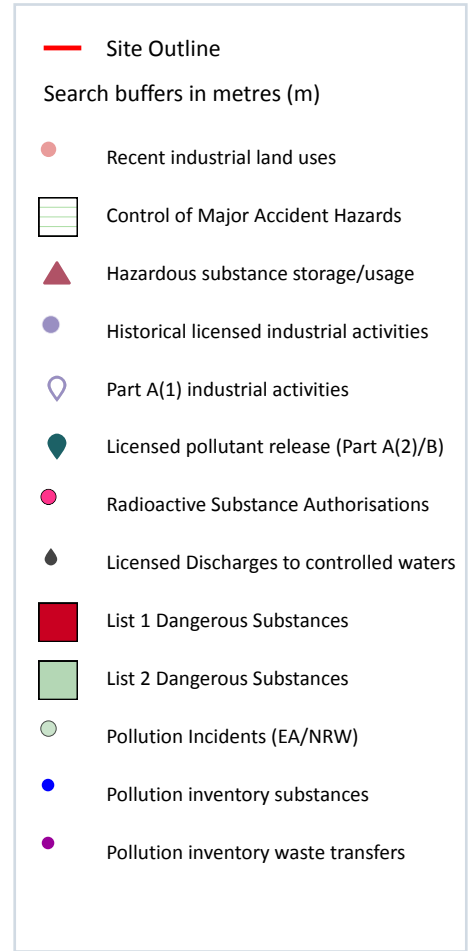
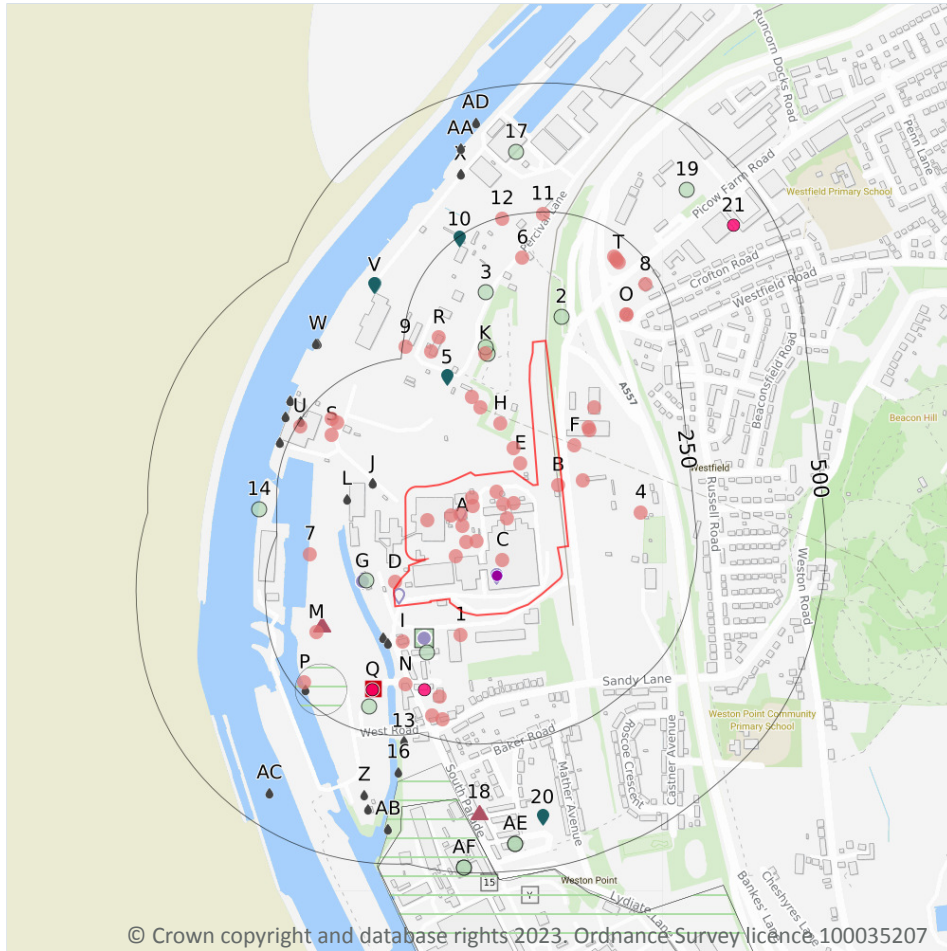


ID	Location	Site	Reference	Category	Sub-Category	Description
I	243m NW	Francis Flower (Northern) Ltd Percival Lane Runcorn WA7 4UY	EPR/WF0601XW/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste to manufacture finished goods
9	336m NE	-	WEX270680	Treating waste exemption	Not on a farm	Recovery of scrap metal
K	362m S	RUNCORN SITE HQ SOUTH PARADE RUNCORN CHESHIRE WA7 4JE	EPR/CF0105HL/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste aerosol cans
K	373m S	PO BOX 9 RUNCORN SITE HQ RUNCORN CHESHIRE WA7 4JE	EPR/XF0908ZV/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
14	500m SE	New Inovyn Office, Bankes' Lane, Runcorn, WA7 4EW	WEX199345	Using waste exemption	Not on a farm	Use of waste in construction

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m

54

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 66](#) >

ID	Location	Company	Address	Activity	Category
A	On site	Chimney	Cheshire, WA7	Chimneys	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features

ID	Location	Company	Address	Activity	Category
A	On site	Chimney	Cheshire, WA7	Chimneys	Industrial Features
A	On site	Chimney	Cheshire, WA7	Chimneys	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
A	On site	Runcorn EfW - EfW Incineration (BEIS)	Picow Farm, Weston Point, In Runcorn, Cheshire, WA8	Energy Production	Industrial Features
A	On site	Works	Cheshire, WA7	Unspecified Works Or Factories	Industrial Features
B	On site	Gantry	Cheshire, WA7	Travelling Cranes and Gantries	Industrial Features
C	On site	Power Station	Cheshire, WA7	Energy Production	Industrial Features
D	7m SW	Mast	Cheshire, WA8	Telecommunications Features	Infrastructure and Facilities
E	21m NE	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
F	33m NE	Pylon	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
B	40m NE	Gantry	Cheshire, WA7	Travelling Cranes and Gantries	Industrial Features
E	42m N	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
1	43m S	Electricity Sub Station	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
H	63m N	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
F	63m NE	Engenda Group	-, Picow Farm Road, Runcorn, Cheshire, WA7 4JB	Industrial Engineers	Engineering Services
F	64m NE	Works	Cheshire, WA7	Unspecified Works Or Factories	Industrial Features
I	69m SW	Auto Care	Mersey View, Weston Point, Runcorn, Cheshire, WA7	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
F	78m NE	Northgate Vehicle Hire	Daman Buildings, Picow Farm Road, Runcorn, Cheshire, WA7 4JB	Vehicle Hire and Rental	Hire Services
K	90m N	Electricity Sub Station	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
H	99m N	Pylon	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
H	115m N	Electricity Distribution Site	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
4	147m E	Mast	Cheshire, WA7	Telecommunications Features	Infrastructure and Facilities
N	153m SW	The Armitt Group	30, South Road, Runcorn, Cheshire, WA7 4EZ	Distribution and Haulage	Transport, Storage and Delivery
M	161m SW	Electricity Sub Station	Cheshire, WA8	Electrical Features	Infrastructure and Facilities
O	164m NE	Runcorn Hand Car Wash & Valeting Service	Picow Farm Road, -, Runcorn, Cheshire, WA7 4UN	Vehicle Cleaning Services	Personal, Consumer and Other Services
O	165m NE	Picow Car Wash	Picow Farm Road, -, Runcorn, Cheshire, WA7 4UN	Vehicle Cleaning Services	Personal, Consumer and Other Services
6	165m N	Total Recycling Cheshire Ltd	J and S Autos, Percival Lane, Runcorn, Cheshire, WA7 4XE	Scrap Metal Merchants	Recycling Services
N	170m S	H M S Tail Lifts	Hydraulic Mobile Services Ltd, Sandy Lane, Runcorn, Cheshire, WA7 4EX	Hydraulic Engineers	Engineering Services
7	176m W	Travelling Crane	Cheshire, WA8	Travelling Cranes and Gantries	Industrial Features
R	182m N	Runcorn Vehicle Recycling	Unit 4, Percival Court, Runcorn, Cheshire, WA7 4DS	Scrap Metal Merchants	Recycling Services
S	184m NW	Electricity Sub Station	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
S	190m NW	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
R	194m N	Caravan Services Runcorn	Unit 1, Percival Court, Runcorn, Cheshire, WA7 4DS	Sports and Leisure Equipment Repair	Repair and Servicing



ID	Location	Company	Address	Activity	Category
S	203m NW	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
T	207m NE	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
T	208m NE	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
N	209m S	Electricity Sub Station	Cheshire, WA7	Electrical Features	Infrastructure and Facilities
T	211m NE	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
T	211m NE	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features
N	212m S	More Glass & Joinery	1, Sandy Lane, Runcorn, Cheshire, WA7 4EX	General Construction Supplies	Industrial Products
8	222m NE	Ca Car & Commercial s	Picow Farm Road, -, Runcorn, Cheshire, WA7 4UN	Vehicle Repair, Testing and Servicing	Repair and Servicing
P	230m SW	Travelling Crane	Cheshire, WA8	Travelling Cranes and Gantries	Industrial Features
U	244m NW	Works	Cheshire, WA7	Unspecified Works Or Factories	Industrial Features
9	244m NW	Recycling Business	Cheshire, WA7	Recycling Centres	Infrastructure and Facilities
11	246m N	Exolum	-, Percival Lane, Runcorn, Cheshire, WA7 4XE	Container and Storage	Transport, Storage and Delivery
12	247m N	Tank	Cheshire, WA7	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m

0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.



4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

4

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 66 >](#)

ID	Location	Company	Address	Operational status	Tier
P	166m SW	Imperial Chemical Industries Plc	Imperial Chemical Industries Plc, Castner Kellner Site, Weston Point, Runcorn, WA7 4JE	Historical NIHHS Site	-
15	295m S	Packed Chlorine Limited	Packed Chlorine Limited, Runcorn, Weston Point, South Parade, Runcorn, Cheshire, WA7 4HZ	Current COMAH Site	COMAH Upper Tier Operator
Y	358m S	Inovyn ChlorVinyls Limited	Inovyn ChlorVinyls Limited, Castner Kellner\Rock Savage, Runcorn, Castner Kellner / Rocksavage, South Parade, PO Box 9, Runcorn, Cheshire, WA7 4JE	Current COMAH Site	COMAH Upper Tier Operator
Y	358m S	Ineos Enterprises Group Limited	Ineos Enterprises Group Limited, Sulphuric Acid Plant, PO Box 9, Bankes Lane, Runcorn, Cheshire, WA7 4JE	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 66 >](#)

ID	Location	Details	
M	146m SW	Application reference number: 01/00714/HSC Application status: Withdrawn Application date: 11/12/2002 Address: Westlink Storage and Shipping Ltd, Weston Point Docs, Runcorn, Cheshire, WA7 4HN	Details: Application for Hazardous Substance Consent for the storage of 12000 tonnes of Ammonium Nitrate Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
M	146m SW	Application reference number: 01/00014/HSC Application status: Historical Consent Application date: 23/04/2001 Address: Westlink Storage & Shipping Co. Ltd, Land at Weston Point Docks, Runcorn, Cheshire, WA7 4HN	Details: Application for Hazardous Substance Consent for storage of Ammonium Nitrate Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
18	382m S	Application reference number: No Details Application status: Approved Application date: No Details Address: Packed Chlorine Limited, South Parade, Weston Point, Runcorn, Cheshire, England, WA7 4HZ	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m

47

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 66 >](#)



ID	Location	Details	
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: AM3812	Original Permit Number: IPCAPP Date Approved: 3-8-1994 Effective Date: 10-8-1994 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: AY3504	Original Permit Number: IPCMINVAR Date Approved: 15-4-1997 Effective Date: 15-4-1997 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: BD9149	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: BH5919	Original Permit Number: IPCMINVAR Date Approved: 20-4-2000 Effective Date: 1-5-2000 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: BL6608	Original Permit Number: IPCMINVAR Date Approved: 8-10-2001 Effective Date: 1-11-2001 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: BY4840	Original Permit Number: IPCMINVAR Date Approved: 2-12-2004 Effective Date: 9-12-2004 Status: Superseded By Variation
G	63m SW	Operator: Sse Generation Ltd Address: Salt Business, Mersey View, Weston Point, Runcorn, Cheshire, WA7 4HB Process: Combustion Processes Permit Number: BY8772	Original Permit Number: IPCMINVAR Date Approved: 17-1-2005 Effective Date: 19-1-2005 Status: Revoked - Now Ippc
I	67m SW	Operator: Ici Chemicals and Polymers Ltd Address: Merseyside Operations, Rocksavage Site, Runcorn, Cheshire, WA7 4LX Process: Processes Involving Halogens Permit Number: AG3851	Original Permit Number: IPCAPP Date Approved: 27-1-1993 Effective Date: 27-1-1993 Status: Superseded By Variation
I	67m SW	Operator: Ici Chemicals and Polymers Ltd Address: Merseyside Operations, Rocksavage Site, Runcorn, Cheshire, WA7 4LX Process: Processes Involving Halogens Permit Number: AI7980	Original Permit Number: IPCMINVAR Date Approved: 17-5-1993 Effective Date: 17-5-1993 Status: Revoked



ID	Location	Details	
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AK6039	Original Permit Number: IPCAIRAPP Date Approved: 30-3-1994 Effective Date: 30-3-1994 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: AL7294	Original Permit Number: IPCAIRAPP Date Approved: 9-1-1995 Effective Date: 13-1-1995 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: AL7332	Original Permit Number: IPCAIRAPP Date Approved: 12-4-1995 Effective Date: 21-4-1995 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AO7045	Original Permit Number: IPCMAJVAR Date Approved: 30-1-1995 Effective Date: 30-1-1995 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vinyl Chloride Polymerisation Plant, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AP8730	Original Permit Number: IPCAPP Date Approved: 3-2-1995 Effective Date: 6-2-1995 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AP8993	Original Permit Number: IPCMINVAR Date Approved: 3-2-1995 Effective Date: 6-2-1995 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vinyl Chloride Polymerisation Plant, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AT6298	Original Permit Number: IPCMAJVAR Date Approved: 1-3-1996 Effective Date: 8-3-1996 Status: Superseded By Variation
I	67m SW	Operator: Intergen Operating Co (UK) Ltd Address: Rocksavage Site, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: AT6476	Original Permit Number: IPCAPP Date Approved: 7-2-1996 Effective Date: 14-2-1996 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: AU5700	Original Permit Number: IPCMINVAR Date Approved: 19-2-1996 Effective Date: 26-2-1996 Status: Superseded By Variation



ID	Location	Details	
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: AW9676	Original Permit Number: IPCMAJVAR Date Approved: 18-9-1998 Effective Date: 18-10-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: AW9757	Original Permit Number: IPCMINVAR Date Approved: 4-11-1996 Effective Date: 11-11-1996 Status: Superseded By Variation
I	67m SW	Operator: Intergen Operating Co (UK) Ltd Address: Rocksavage Site, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: AX1212	Original Permit Number: IPCMINVAR Date Approved: 18-11-1996 Effective Date: 25-11-1996 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: AX1573	Original Permit Number: IPCMINVAR Date Approved: 24-12-1996 Effective Date: 30-12-1996 Status: Superseded By Variation
I	67m SW	Operator: Ici Chemicals and Polymers Ltd Address: PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: AY7798	Original Permit Number: IPCAPP Date Approved: 8-9-1998 Effective Date: 15-9-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BB3611	Original Permit Number: IPCMINVAR Date Approved: 26-6-1998 Effective Date: 3-7-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BC2335	Original Permit Number: IPCMINVAR Date Approved: 3-11-1998 Effective Date: 10-11-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vinyl Chloride Polymerisation Plant, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BD3043	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BD7324	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation



ID	Location	Details	
I	67m SW	Operator: Intergen Operating Co (UK) Ltd Address: Rocksavage Site, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: BD7570	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BD7669	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
I	67m SW	Operator: Ici Chemicals and Polymers Ltd Address: PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: BD9599	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BE6544	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vinyl Chloride Polymerisation Plant, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BG0776	Original Permit Number: IPCMINVAR Date Approved: 6-7-1999 Effective Date: 13-7-1999 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BG2116	Original Permit Number: IPCMINVAR Date Approved: 22-6-1999 Effective Date: 28-6-1999 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BH0208	Original Permit Number: IPCMINVAR Date Approved: 24-9-1999 Effective Date: 1-10-1999 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BH4939	Original Permit Number: IPCMINVAR Date Approved: 3-12-1999 Effective Date: 13-12-1999 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BH5153	Original Permit Number: IPCMINVAR Date Approved: 8-12-1999 Effective Date: 15-12-1999 Status: Superseded By Variation



ID	Location	Details	
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BI8727	Original Permit Number: IPCMINVAR Date Approved: 13-7-2000 Effective Date: 14-7-2000 Status: Superseded By Variation
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BK2330	Original Permit Number: IPCMINVAR Date Approved: 5-1-2001 Effective Date: 6-1-2001 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BK8800	Original Permit Number: IPCMINVAR Date Approved: 23-4-2001 Effective Date: 30-4-2001 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vinyl Chloride Polymerisation Plant, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BK8869	Original Permit Number: IPCMINVAR Date Approved: 18-5-2001 Effective Date: 25-5-2001 Status: Revoked - Now Ippc
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BL0154	Original Permit Number: IPCMINVAR Date Approved: 13-11-2001 Effective Date: 13-11-2001 Status: Superseded By Variation
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BR8948	Original Permit Number: IPCMINVAR Date Approved: 5-4-2002 Effective Date: 9-4-2002 Status: Superseded By Variation
I	67m SW	Operator: Ineos Vinyls UK Ltd Address: Vc3 Plant, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Manufacture And Use Of Organic Chemicals Permit Number: BS4120	Original Permit Number: IPCMINVAR Date Approved: 31-5-2002 Effective Date: 6-6-2002 Status: Revoked - Now Ippc
I	67m SW	Operator: Ineos Fluor Ltd Address: Merseyside Operations, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BS8435	Original Permit Number: IPCMINVAR Date Approved: 17-9-2002 Effective Date: 24-9-2002 Status: Revoked - Now Ippc
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BX2469	Original Permit Number: IPCMINVAR Date Approved: 13-1-2004 Effective Date: 20-1-2004 Status: Superseded By Variation



ID	Location	Details	
I	67m SW	Operator: Ineos Chlor Ltd Address: Office 24, Runcorn Site, Runcorn, Cheshire, WA7 4JE Process: Processes Involving Halogens Permit Number: BY1166	Original Permit Number: IPCMINVAR Date Approved: 27-7-2004 Effective Date: 27-7-2004 Status: Revoked - Now Ippc
I	67m SW	Operator: Intergen Operating Co (UK) Ltd Address: Rocksavage Site, PO Box 9, Runcorn, Cheshire, WA7 4JE Process: Combustion Processes Permit Number: BZ0912	Original Permit Number: IPCMINVAR Date Approved: 21-3-2005 Effective Date: 21-3-2005 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	12
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Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on [page 66 >](#)

ID	Location	Details	
A	On site	Operator: SSE Generation Ltd Installation Name: Weston Point Salt Works CHP Plant EPR/SP3730BW Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3738AA Original Permit Number: SP3730BW	EPR Reference: - Issue Date: 18/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 21/03/2023 Status: Superseded
C	On site	Operator: VIRIDOR ENERGY LIMITED Installation Name: Runcorn ERF EPR/XP3005LB Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: XP3005LB Original Permit Number: XP3005LB	EPR Reference: EPR/XP3005LB Issue Date: 18/12/2020 Effective Date: 18/12/2020 Last date noted as effective: 25/05/2023 Status: Effective
C	On site	Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: AP3534VQ Original Permit Number: RP3638CG	EPR Reference: - Issue Date: 24/05/2014 Effective Date: 24/05/2014 Last date noted as effective: 21/03/2023 Status: Superseded



ID	Location	Details	
C	On site	<p>Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility EPR/RP3638CG Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: QP3632YV Original Permit Number: RP3638CG</p>	<p>EPR Reference: - Issue Date: 13/07/2017 Effective Date: 13/07/2017 Last date noted as effective: 21/03/2023 Status: Superseded</p>
C	On site	<p>Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility EPR/RP3638CG Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: WP3238QA Original Permit Number: RP3638CG</p>	<p>EPR Reference: - Issue Date: 18/03/2019 Effective Date: 18/03/2019 Last date noted as effective: 21/03/2023 Status: Superseded</p>
C	On site	<p>Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility EPR/RP3638CG Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: JP3403LE Original Permit Number: RP3638CG</p>	<p>EPR Reference: - Issue Date: 30/10/2020 Effective Date: 30/10/2020 Last date noted as effective: 21/03/2023 Status: Superseded</p>
C	On site	<p>Operator: VIRIDOR WASTE MANAGEMENT LIMITED Installation Name: Runcorn Energy From Waste Facility EPR/RP3638CG Process: COINCINERATION OF HAZARDOUS WASTE Permit Number: RP3638CG Original Permit Number: RP3638CG</p>	<p>EPR Reference: EPR/RP3638CG Issue Date: 30/10/2020 Effective Date: 30/10/2020 Last date noted as effective: 25/05/2023 Status: Superseded</p>
D	On site	<p>Operator: INEOS CHLORVINYLS LIMITED Installation Name: Runcorn Energy From Waste Facility Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: EP3731XL Original Permit Number: EP3731XL</p>	<p>EPR Reference: EPR/EP3731XL Issue Date: 17/05/2011 Effective Date: 17/05/2011 Last date noted as effective: 25/05/2023 Status: Superseded</p>
D	On site	<p>Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility Process: INCINERATION OF NON HAZARDOUS WASTE >1T/HR Permit Number: RP3638CG Original Permit Number: RP3638CG</p>	<p>EPR Reference: - Issue Date: 29/03/2012 Effective Date: 01/04/2012 Last date noted as effective: 21/03/2023 Status: Superseded</p>



ID	Location	Details	
D	On site	Operator: Viridor Waste Management Limited Installation Name: Runcorn Energy From Waste Facility Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: SP3031EK Original Permit Number: RP3638CG	EPR Reference: - Issue Date: 15/01/2014 Effective Date: 15/01/2014 Last date noted as effective: 21/03/2023 Status: Superseded
G	63m SW	Operator: INEOS ENTERPRISES GROUP LIMITED Installation Name: Weston Point Salt Works CHP Plant Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3209PC Original Permit Number: SP3209PC	EPR Reference: EPR/SP3209PC Issue Date: 17/07/2020 Effective Date: 17/07/2020 Last date noted as effective: 25/05/2023 Status: Effective
G	63m SW	Operator: SSE GENERATION LIMITED Installation Name: Weston Point Salt Works CHP Plant EPR/SP3730BW Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3730BW Original Permit Number: SP3730BW	EPR Reference: EPR/SP3730BW Issue Date: 01/01/2016 Effective Date: 01/01/2016 Last date noted as effective: 25/05/2023 Status: Superseded

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

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

Records within 500m

5

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

Features are displayed on the Current industrial land use map on [page 66 >](#)

ID	Location	Address	Details	
5	160m N	Dependable Concrete (North West) Ltd, Percival Lane, Runcorn	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
10	245m N	Hanson Aggregates, Percival Lane, Runcorn, WA7 4UY	Process: Roadstone Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
V	326m NW	LKAB, Percival Lane, Runcorn, WA7 4UY	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
V	327m NW	LKAB, Percival Lane, Runcorn, WA7 4UY	Process: Other Mineral Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified
20	402m S	Transco, Weston Point, Runcorn	Process: Odourising Natural Gas Processes Status: Historical 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

10

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 66 >](#)

ID	Location	Address	Details	
I	67m SW	Runcorn Site HQ, South Parade, Runcorn, WA7 4HZ	Operator: Inovyn Chlorvinyls Limited Type: - Permission number: ZB3035DA Date of approval: -	Effective from: - Last date of update: 01/01/2020 Status: Surrendered
I	67m SW	Ineos Chlor Ltd, Po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Chlor Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AO2752 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Superseded By Variation
I	67m SW	Ineos Chlor Ltd, Po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Chlor Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AO2752 Date of approval: 14/10/1994	Effective from: 14/10/1994 Last date of update: 01/01/2015 Status: Superseded By New Application
I	67m SW	Ineos Chlor Ltd, Po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Chlor Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AO2752 Date of approval: 06/03/2001	Effective from: 16/03/2001 Last date of update: 01/01/2015 Status: Superseded By Variation
I	67m SW	Ineos Chlor Ltd, Po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Chlor Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AO2752 Date of approval: 22/05/2003	Effective from: 22/05/2003 Last date of update: 01/01/2015 Status: Effective



ID	Location	Address	Details	
I	67m SW	Ineos Vinyls Uk Ltd, Vc3 Plant, Po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Vinyls Uk Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AY4560 Date of approval: 10/06/1997	Effective from: 08/07/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
I	67m SW	Ineos Vinyls Uk Ltd, Vc3 Plant, po Box 9, Runcorn, Cheshire, WA7 4JE	Operator: Ineos Vinyls Uk Ltd Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AY4586 Date of approval: 10/06/1997	Effective from: 10/06/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
N	166m S	Ici Chemicals And Polymers Ltd, Research And Technology, Po Box 8, The Heath, Runcorn, Cheshire, WA7 4QD	Operator: Ici Chemicals And Polymers Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AI1353 Date of approval: 31/03/1991	Effective from: 31/03/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled
Q	167m SW	Salt Union Ltd, Merseyview Road, Weston Point, Runcorn, Cheshire, WA7 4HN	Operator: Salt Union Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AG1476 Date of approval: 14/01/1993	Effective from: 14/01/1993 Last date of update: 01/01/2015 Status: Revoked/cancelled
21	427m NE	Petrospec Ltd, Picow Farm, Industrial Estate, Picow Farm Road, Runcorn, Cheshire, WA7 4UA	Operator: Petrospec Ltd Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AA1333 Date of approval: 12/12/1991	Effective from: 12/12/1991 Last date of update: 01/01/2015 Status: Revoked/cancelled

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

4.13 Licensed Discharges to controlled waters

Records within 500m

74

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 66 >](#)

ID	Location	Address	Details	
I	66m SW	ICI CHEMICALS & POLYMERS LTD, CASTNER KELLNER (SOUTH), RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890179 Permit Version: 2 Receiving Water: WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 22/08/1991



ID	Location	Address	Details	
I	66m SW	ICI CHEMICALS & POLYMERS LTD, CASTNER KELLNER (SOUTH), RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890179 Permit Version: 5 Receiving Water: WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/12/1993 Revocation Date: 30/03/1994
I	66m SW	ICI CHEMICALS & POLYMERS LTD, CASTNER KELLNER (SOUTH), RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890179 Permit Version: 3 Receiving Water: WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 23/08/1991 Revocation Date: 01/09/1993
I	66m SW	ICI CHEMICALS & POLYMERS LTD, CASTNER KELLNER (SOUTH), RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890179 Permit Version: 1 Receiving Water: WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/06/1980 Revocation Date: 11/08/1987
I	66m SW	ICI CHEMICALS & POLYMERS LTD, CASTNER KELLNER (SOUTH), RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890179 Permit Version: 4 Receiving Water: WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 02/09/1993 Revocation Date: 30/11/1993
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 5 Receiving Water: RUNCORN & WESTON CANAL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 13/10/1995 Revocation Date: -
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 2 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 31/03/1993
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 3 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1993 Revocation Date: 31/12/1994



ID	Location	Address	Details	
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890225 Permit Version: 1 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/10/1979 Revocation Date: 12/08/1987
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 2 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 31/03/1993
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 3 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1993 Revocation Date: 31/12/1994
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 4 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 12/10/1995
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 016890227 Permit Version: 1 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/10/1979 Revocation Date: 11/08/1987
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 016890227 Permit Version: 2 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 12/08/1987



ID	Location	Address	Details	
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 1 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/10/1979 Revocation Date: 11/08/1987
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 2 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 31/03/1993
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 4 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 12/10/1995
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 4 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 12/10/1995
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890226 Permit Version: 1 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/10/1979 Revocation Date: 12/08/1987
J	68m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890224 Permit Version: 3 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1993 Revocation Date: 31/12/1994



ID	Location	Address	Details	
I	72m SW	NORTH CLARKS TERR, RUNCORN, HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0068 Permit Version: 2 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 31/10/1991 Revocation Date: 01/01/1995
I	72m SW	NORTH CLARKS TERR, RUNCORN, HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0068 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 30/10/1991
L	113m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016890224 Permit Version: 4 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 12/10/1995
L	113m W	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - UNSPECIFIED - NOT WATER COMPANY Permit Number: 016890224 Permit Version: 3 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1993 Revocation Date: 31/12/1994
P	237m SW	POST OFFICE LANE OUTFALL, RUNCORN, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016810697 Permit Version: 1 Receiving Water: WEAVER NAVIGATION	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 02/11/1992 Revocation Date: 02/11/1992
P	237m SW	POST OFFICE LANE O/F, RUNCORN, HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0003 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 31/10/1991 Revocation Date: 01/01/1995
U	248m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891706 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 24/11/1994



ID	Location	Address	Details	
U	248m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891706 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 25/11/1994 Revocation Date: 02/01/1995
U	248m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891706 Permit Version: 3 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 03/01/1995 Revocation Date: 06/02/1995
U	248m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891706 Permit Version: 5 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 31/07/1995 Revocation Date: 23/04/1996
U	248m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891706 Permit Version: 4 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 07/02/1995 Revocation Date: 30/07/1995
13	262m S	SANDY LANE, WEST ROAD, RUNCORN, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0069 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 31/10/1991 Revocation Date: 01/01/1995
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 6 Receiving Water: MANCHESTER SHIP CANAL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 31/07/1995 Effective Date: 31/07/1995 Revocation Date: -



ID	Location	Address	Details	
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 4 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 03/01/1995 Revocation Date: 06/02/1995
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 24/11/1994
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 5 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 07/02/1995 Revocation Date: 30/07/1995
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/06/1980 Revocation Date: 11/08/1987
U	265m W	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 3 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 25/11/1994 Revocation Date: 02/01/1995
U	279m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 24/11/1994



ID	Location	Address	Details	
U	279m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890163 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 16/02/1995
U	279m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890163 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/06/1980 Revocation Date: 11/08/1987
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 016891707 Permit Version: 7 Receiving Water: MANCHESTER SHIP CANAL	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 25/04/2001 Effective Date: 25/04/2001 Revocation Date: -
U	287m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890164 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/06/1980 Revocation Date: 11/08/1987
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 07/02/1994 Revocation Date: 24/11/1994
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 3 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 25/11/1994 Revocation Date: 02/01/1995



ID	Location	Address	Details	
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 6 Receiving Water: MANCHESTER SHIP CANAL	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 31/07/1995 Revocation Date: 24/04/2001
U	287m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890164 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 16/02/1995
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 5 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 07/02/1995 Revocation Date: 30/07/1995
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016890162 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 24/11/1994
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 4 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 03/01/1995 Revocation Date: 06/02/1995
U	287m NW	MERSEY VIEW ROAD, WESTON POINT, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016891707 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 12/08/1987 Revocation Date: 06/02/1994



ID	Location	Address	Details	
16	321m S	BAKER ROAD OUTFALL, RUNCORN, CHESHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016810698 Permit Version: 1 Receiving Water: RUNCORN & WESTON CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 01/07/1991
W	333m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: EPRQB3792NT Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 07/02/2020 Effective Date: 07/02/2020 Revocation Date: -
W	333m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: EPRQB3792NT Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 07/02/2020 Effective Date: 07/02/2020 Revocation Date: -
W	335m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0112 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 31/12/1994
W	335m NW	SALTWORKS PUMPING STATION, PERCIVAL LANE, RUNCORN, WESTON POINT, HALTON / CHESHIRE, WA7 4UX	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: 01HAL0112 Permit Version: 2 Receiving Water: UNKNOWN	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 06/02/2020
X	355m N	PENN LANE WESTON POINT PR CSO 202LE, 1 PENN LANE, WESTON POINT, RUNCORN, CHESHIRE, WA7 4TP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0060 Permit Version: 3 Receiving Water: MANCHESTER SHIP CANAL	Status: VARIED UNDER EPR 2010 Issue date: 20/08/2018 Effective Date: 20/08/2018 Revocation Date: -
X	355m N	WESTON POINT (POINT R), HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016820391 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1900 Revocation Date: 07/09/1981



ID	Location	Address	Details	
X	355m N	WESTON POINT (POINT R), HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016820391 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 08/09/1981 Revocation Date: 08/09/1981
X	355m N	WESTON POINT (POINT R), HALTON, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016820391 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 08/09/1981 Revocation Date: 08/09/1981
Z	370m SW	10-12 CANAL SIDE RUNCORN, 10 AND 12 CANAL SIDE, RUNCORN, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016891880 Permit Version: 1 Receiving Water: WEAVER NAVIGATION	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 04/11/1996 Revocation Date: -
Z	397m SW	15 CANALSIDE, WESTON POINT, RUNCORN, CHESHIRE, WA7 4HP	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 0167/635 Permit Version: 1 Receiving Water: WEAVER (NAVIGATION CANAL)	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1967 Effective Date: 22/08/1967 Revocation Date: 10/08/2016
AA	401m N	EXPRESSWAY 8 RUNCORN, WESTON POINT R CSO, WESTON POINT EXPRESSWAY, RUNCORN, CHESHIRE, WA7 4UW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0061 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
AA	401m N	PENN LANE WESTON POINT PR CSO 202LE, 1 PENN LANE, WESTON POINT, RUNCORN, CHESHIRE, WA7 4TP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0060 Permit Version: 2 Receiving Water: ??	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 19/08/2018



ID	Location	Address	Details	
AA	401m N	EXPRESSWAY 8 RUNCORN, WESTON POINT R CSO, WESTON POINT EXPRESSWAY, RUNCORN, CHESHIRE, WA7 4UW	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0061 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/10/2018
AA	401m N	PENN LANE WESTON POINT PR CSO 202LE, 1 PENN LANE, WESTON POINT, RUNCORN, CHESHIRE, WA7 4TP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0060 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
AB	431m S	SOUTH PARADE CSO 202S2, 51 SOUTH PARADE, RUNCORN, CHESHIRE, WA7 4HT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0106 Permit Version: 3 Receiving Water: WEAVER NAVIGATION	Status: VARIED UNDER EPR 2010 Issue date: 21/03/2018 Effective Date: 01/04/2018 Revocation Date: -
AB	431m S	SOUTH PARADE CSO 202S2, 51 SOUTH PARADE, RUNCORN, CHESHIRE, WA7 4HT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0106 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 31/12/1994
AB	431m S	SOUTH PARADE CSO 202S2, 51 SOUTH PARADE, RUNCORN, CHESHIRE, WA7 4HT	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01HAL0106 Permit Version: 2 Receiving Water: WEAVER NAVIGATION	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 31/03/2018
AC	436m SW	WESTON POINT DOCKS STP, RUNCORN, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016990209 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 03/06/1980 Revocation Date: 01/07/1991



ID	Location	Address	Details	
AC	436m SW	WESTON POINT DOCKS STP, RUNCORN, CHESHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 016990209 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 03/03/1980 Revocation Date: 02/06/1980
AD	440m N	GATX, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890274 Permit Version: 3 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 16/09/1991 Revocation Date: 10/07/1995
AD	440m N	GATX, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890274 Permit Version: 2 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 27/07/1988 Revocation Date: 15/09/1991
AD	440m N	GATX, RUNCORN, CHESHIRE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 016890274 Permit Version: 1 Receiving Water: MANCHESTER SHIP CANAL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1981 Revocation Date: 26/07/1988

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

6

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

Features are displayed on the Current industrial land use map on [page 66 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
I	68m SW	Ici Chemical & Polymers	Active	Mersey Estuary, Weston Canal	Mercury (other)
I	68m SW	Ineos Chlor Ltd, Runcorn	Not Active	River Weaver, Mersey Estuary, Weston Canal	Mercury (other)
I	68m SW	Ineos Chlor Ltd, Runcorn	Not Active	River Weaver, Mersey Estuary, Weston Canal	Mercury (other)
I	68m SW	Ici Chemical & Polymers	Not Active	Mersey Estuary, Weston Canal	Mercury (other)
I	68m SW	Ici Chemical & Polymers - Outfall 22 And 24	Not Active	Mersey Estuary, Weston Canal	Mercury (other)
Q	167m SW	Scottish Hydro Electric	Active	-	Mercury (other)

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

4.17 List 2 Dangerous Substances

Records within 500m

17

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

Features are displayed on the Current industrial land use map on [page 66 >](#)



ID	Location	Name	Status	Receiving Water	Authorised Substances
I	68m SW	Ineos Fluor, Runcorn - Outfalls 5/7	Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc, 1,1,1-Trichloroethane
I	68m SW	Ineos Chlor Limited, Runcorn Site	Active	Mersey EstuaryRiver Weaver	Zinc
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Dichlorvos, Nickel, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl-phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Chloronitrotoluenes, Linuron, MCPA, Chlorinated hydrocarb
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Chromium, Copper, Dichlorvos, Lead, Nickel, Zinc, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl-phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Chloronitrotoluenes, Linuro
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Dichlorvos, Nickel, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl-phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Chloronitrotoluenes, Linuron, MCPA, Chlorinated hydrocarb
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Dichlorvos, Nickel, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl-phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Chloronitrotoluenes, Linuron, MCPA, Chlorinated hydrocarb
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Nickel
I	68m SW	European Vinyls Corporation Ltd, Runcorn	Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc
I	68m SW	Ineos Fluor, Runcorn - Outfall 5	Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc, 1,1,1-Trichloroethane
I	68m SW	Ineos Fluor, Runcorn - Outfall 7	Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc, 1,1,1-Trichloroethane



ID	Location	Name	Status	Receiving Water	Authorised Substances
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Not Active	River Weaver	Chromium, Copper, Lead, Nickel, Zinc
I	68m SW	Ineos Chlor Ltd., Runcorn (chloride Amalgamation)	Active	River Weaver	Arsenic, Boron, Chromium, Copper, Dichlorvos, Lead, Nickel, Zinc, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl-phenol, 2- Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1-Trichloroethane, 1,1,2- Trichloroethane, Chloronitro
I	68m SW	Ineos Chlor Limited, Runcorn Site	Active	River Weaver	Chromium, Copper, Lead, Nickel, pH, Zinc
I	68m SW	Ineos Chlor Limited, Runcorn Site	Active	River Weaver	Chromium, Copper, Lead, Nickel, pH, Zinc
I	68m SW	Ineos Chlor Limited, Runcorn Site	Active	River Weaver	Chromium, Copper, Lead, Nickel, pH, Zinc
I	68m SW	European Vinyls Corporation (uk) Ltd	Not Active	River Weaver	Copper, Dichlorvos, Lead, Nickel, Zinc, Atrazine & Simazine, Endosulphan, 4-Chloro-3-methyl- phenol, 2-Chlorophenol, 2,4-Dichlorophenol, 2,4-D(ester), 2,4-D(non-ester), 1,1,1- Trichloroethane, 1,1,2-Trichloroethane, Chloronitrotoluenes, Linuron, MCPA, C

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

14

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 66 >](#)

ID	Location	Details	
2	55m N	Incident Date: 22/05/2002 Incident Identification: 80479 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	56m SW	Incident Date: 14/03/2001 Incident Identification: 338 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Chemical Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
K	85m N	Incident Date: 18/03/2003 Incident Identification: 144015 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
K	90m N	Incident Date: 18/03/2003 Incident Identification: 143983 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
I	96m SW	Incident Date: 07/12/2010 Incident Identification: 843034 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
3	132m N	Incident Date: 24/07/2002 Incident Identification: 93941 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Q	201m SW	Incident Date: 28/04/2003 Incident Identification: 154410 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Sulphide Odour	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
14	283m W	Incident Date: 17/01/2012 Incident Identification: 955257 Pollutant: Inorganic Chemicals/Products Pollutant Description: Alkalis	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
17	370m N	Incident Date: 18/10/2001 Incident Identification: 37450 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
19	401m NE	Incident Date: 01/06/2002 Incident Identification: 82514 Pollutant: Sewage Materials Pollutant Description: Other Sewage Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
AE	447m S	Incident Date: 19/07/2001 Incident Identification: 17637 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
AE	447m S	Incident Date: 17/08/2001 Incident Identification: 24946 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



ID	Location	Details	
AF	489m S	Incident Date: 04/07/2001 Incident Identification: 13649 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
AF	489m S	Incident Date: 04/07/2001 Incident Identification: 13649 Pollutant: Inorganic Chemicals/Products Pollutant Description: Other Inorganic Chemical or Product	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

12

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

Features are displayed on the Current industrial land use map on [page 66 >](#)

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Arsenic	1kg	10kg
Air	Cadmium	1kg	10kg
Air	Mercury	1kg	10kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG



Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrous oxide	10000kg	133480kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nickel	10kg	140kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	1028668600kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM2.5	1000kg	6400kg
Air	Particulate matter - PM10	1000kg	6400kg



ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	2100kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Copper	10kg	910kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Polychlorinated biphenyls (PCBs) - as WHO TEQ	1e-5kg	2e-5kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chromium	10kg	124kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Air	Benzo(b)fluoranthene	1kg	Below Reporting Threshold
Controlled Waters	Copper	20kg	Below Reporting Threshold
Controlled Waters	Lead	20kg	Below Reporting Threshold
Controlled Waters	Nickel	20kg	Below Reporting Threshold
Controlled Waters	Zinc	100kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Controlled Waters	Cadmium	1kg	Below Reporting Threshold
Controlled Waters	Chromium	20kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Lead	100kg	Below Reporting Threshold
Air	Benzo(k)fluoranthene	1kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Controlled Waters	Chlorides - as Cl	2000000kg	Below Reporting Threshold
Air	Indeno(1,2,3-cd)pyrene	1kg	Below Reporting Threshold
Air	Naphthalene	100kg	Below Reporting Threshold

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG



Sector EfW, Sub-sector: EfW

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ	1e-5kg	0.0001kg

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	996330kg

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 66 >](#)

ID: C, Location: On site, Permit: XP3005LB
 Operator: Viridor Energy Limited
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Runcorn Energy from Waste Facility Barlow Way Cheshire WA7 4HG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R5	Recycling/reclamation of other inorganic materials	211026.86	absolute value	19 01 12	bottom ash and slag other than those mentioned in 19 01 11	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R5	Recycling/reclamation of other inorganic materials	15.04	absolute value	20 01 38	wood other than that mentioned in 20 01 37	No
R5	Recycling/reclamation of other inorganic materials	119.7	absolute value	20 01 40	metals	No
R5	Recycling/reclamation of other inorganic materials	53.48	absolute value	20 03 01	mixed municipal waste	No
R5	Recycling/reclamation of other inorganic materials	0.72	absolute value	17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	No
R5	Recycling/reclamation of other inorganic materials	0.72	absolute value	20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	No
R5	Recycling/reclamation of other inorganic materials	33633.773	absolute value	19 01 07	solid wastes from gas treatment	Yes
D1	Deposit into or onto land (eg landfill, etc.)	268.8	absolute value	19 01 07	solid wastes from gas treatment	Yes
R5	Recycling/reclamation of other inorganic materials	0.7	absolute value	20 01 35	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	Yes

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

4.21 Pollution inventory radioactive waste

Records within 500m

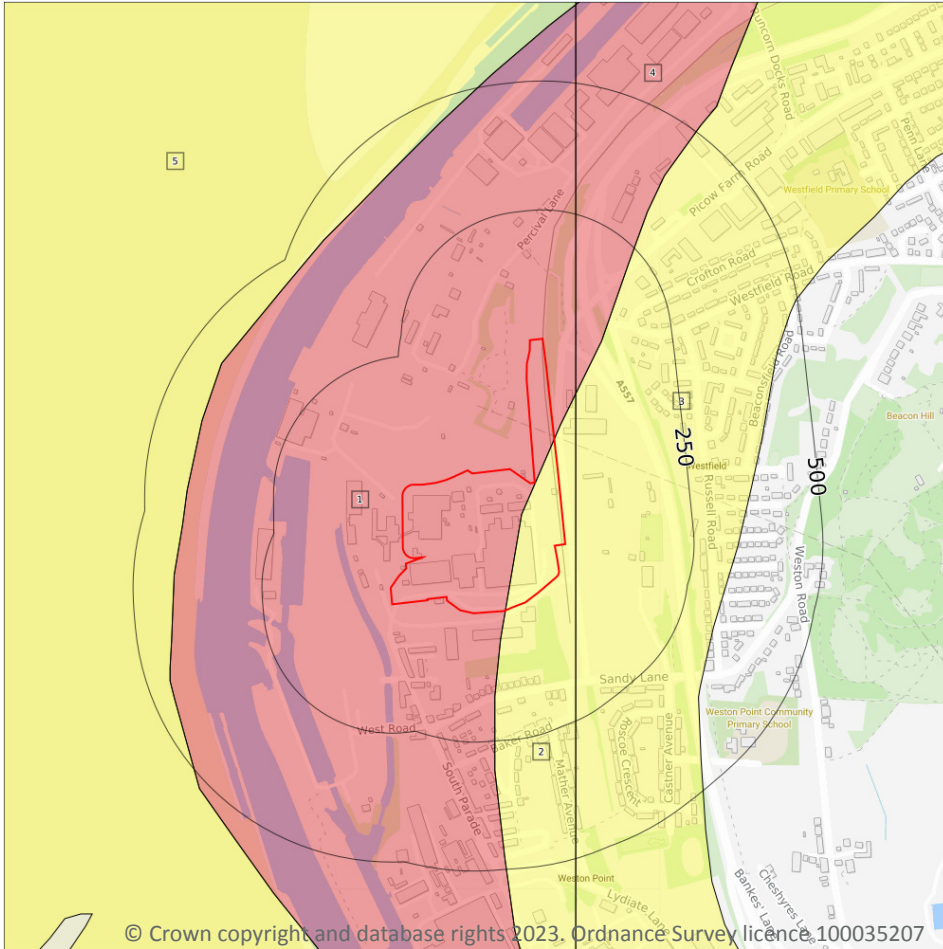
0

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

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



5 Hydrogeology - Superficial aquifer



— Site Outline
 Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 104](#) >

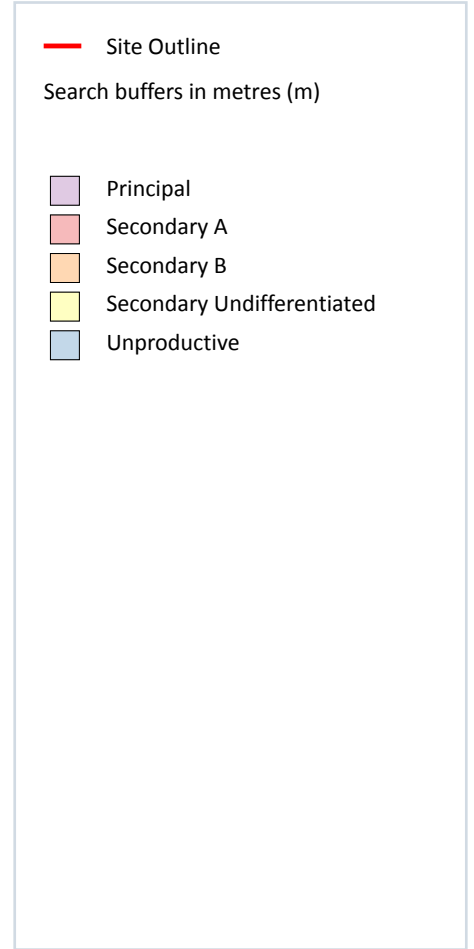
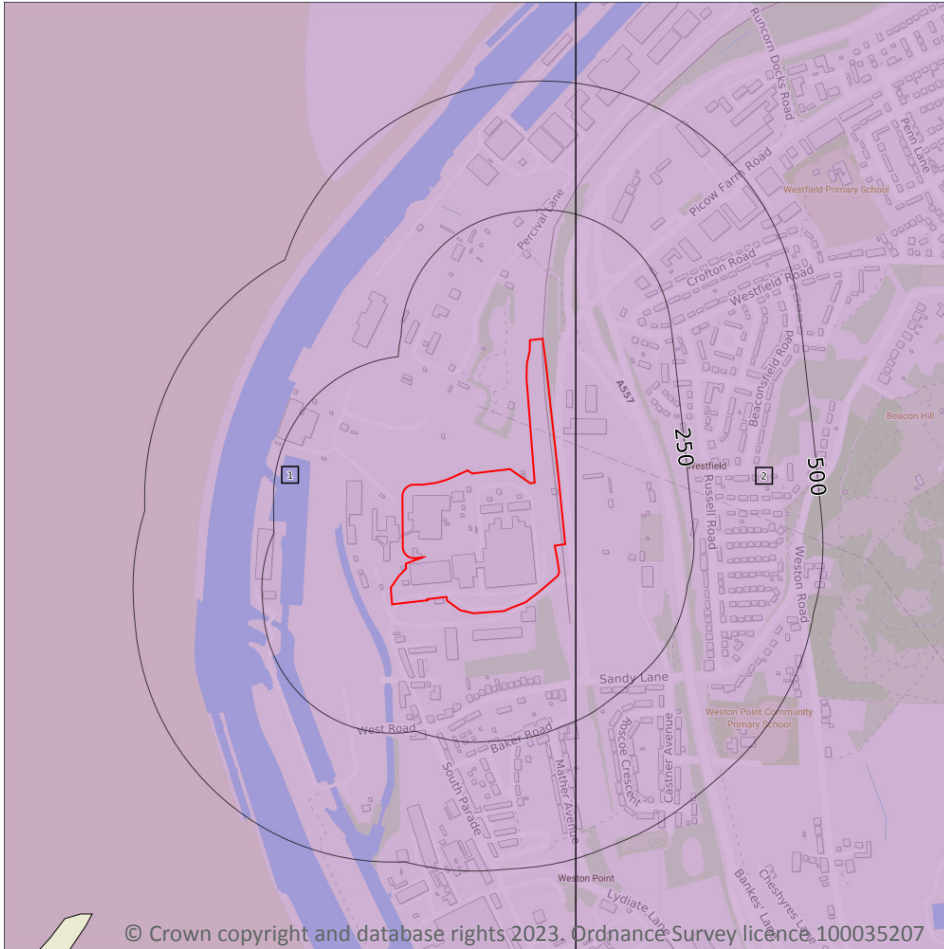
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	21m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	51m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	410m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

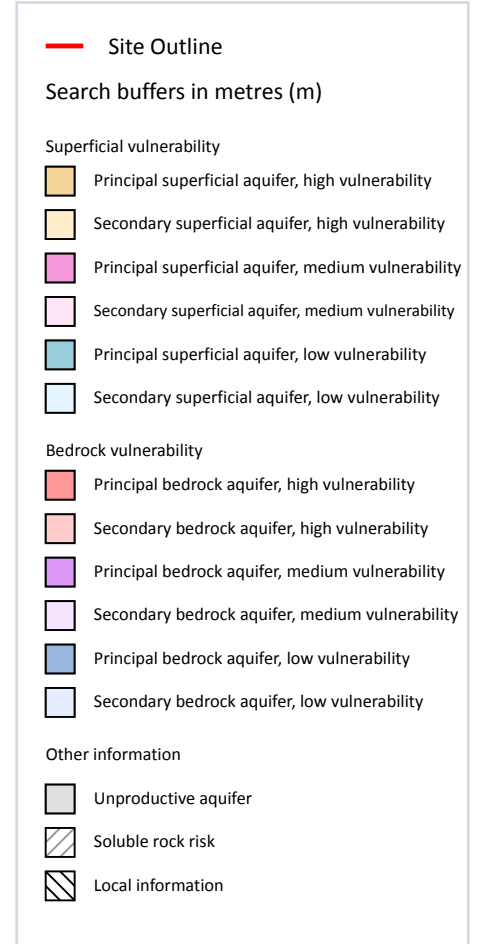
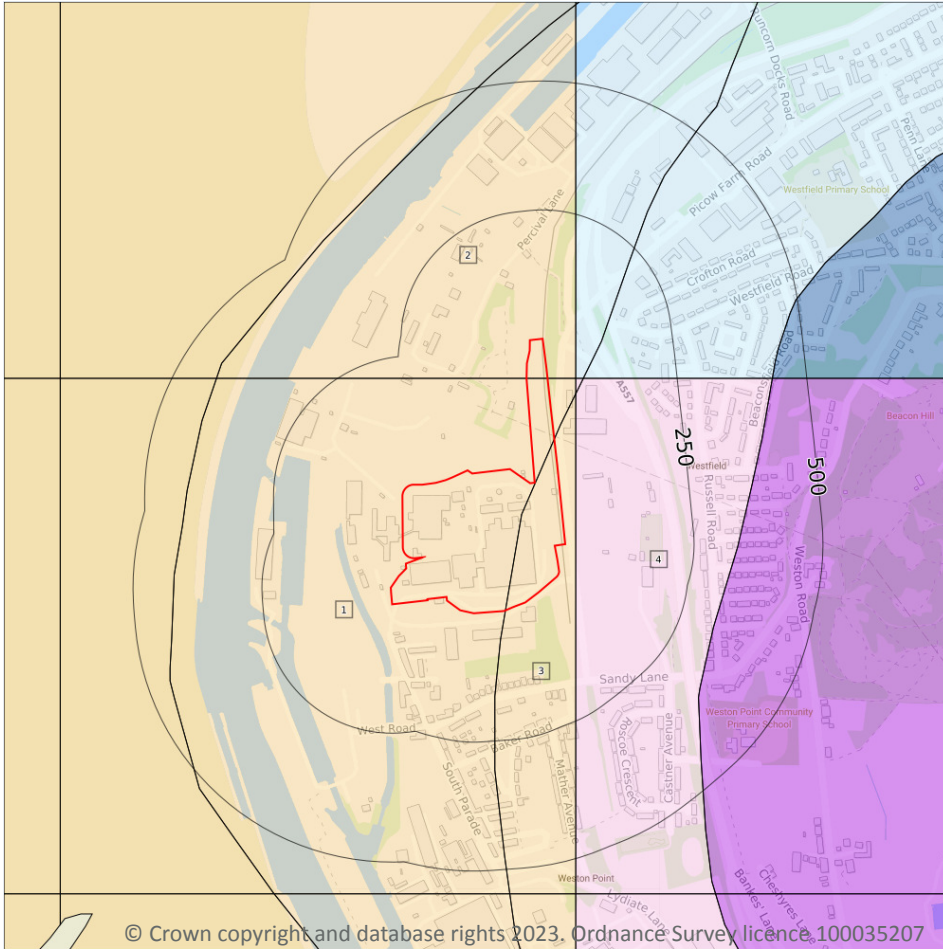
Features are displayed on the Bedrock aquifer map on [page 106 >](#)

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	21m E	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

4

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 108](#) >

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: No Data% Dilution value: No Datamm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	20m E	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures

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

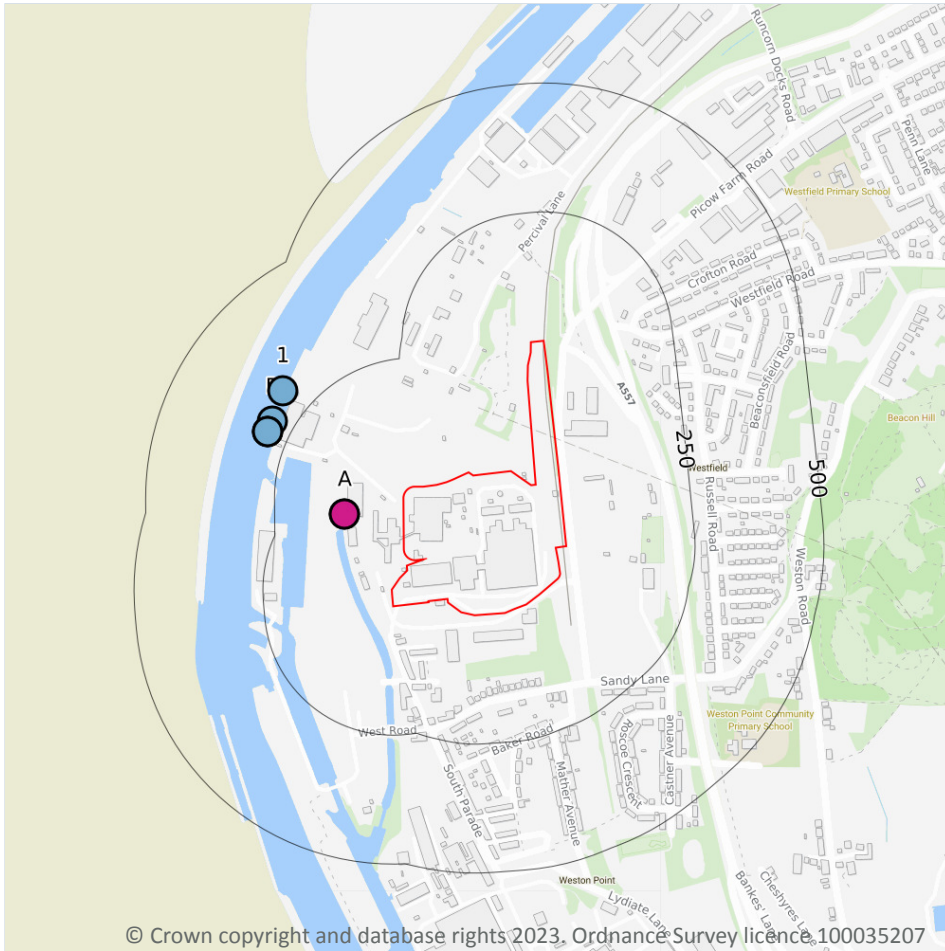
0

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

6

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on [page 111](#) >

ID	Location	Details	
A	113m W	Status: Historical Licence No: 2568004027 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT WESTON POINT, RUNCORN Data Type: Point Name: SALT UNION LTD Easting: 349550 Northing: 381740	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/03/1998 Expiry Date: 30/03/2008 Issue No: 100 Version Start Date: 30/03/1998 Version End Date: -
A	113m W	Status: Historical Licence No: 2568004027 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLE AT WESTON POINT, RUNCORN Data Type: Point Name: SALT UNION LTD Easting: 349550 Northing: 381740	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/03/1998 Expiry Date: 30/03/2008 Issue No: 100 Version Start Date: 30/03/1998 Version End Date: -
-	881m S	Status: Active Licence No: 2568004012 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT WESTON POINT, RUNCORN Data Type: Point Name: INOVYN Chlorvinyls Limited Easting: 350100 Northing: 380700	Annual Volume (m ³): 1000120 Max Daily Volume (m ³): 3273.12 Original Application No: NPS/WR/020265 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 13/07/2015 Version End Date: -
-	881m S	Status: Historical Licence No: 2568004012 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT WESTON POINT, RUNCORN" Data Type: Point Name: INEOS CHLOR LTD Easting: 350100 Northing: 380700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 09/01/2001 Version End Date: -



ID	Location	Details	
-	1930m N	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): 199090 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: -
-	1930m N	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: -

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

5.7 Surface water abstractions

Records within 2000m

13

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 111 >](#)

ID	Location	Details	
B	291m NW	Status: Historical Licence No: 2568009008 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: Ineos Enterprises Group Limited Easting: 349410 Northing: 381920	Annual Volume (m ³): 52279000 Max Daily Volume (m ³): 151836.40 Original Application No: NPS/WR/016665 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 15/08/2014 Version End Date: -



ID	Location	Details	
B	291m NW	Status: Historical Licence No: 2568009008 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN" Data Type: Point Name: SALT UNION LTD Easting: 349400 Northing: 381900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1992 Version End Date: -
B	291m NW	Status: Historical Licence No: 2568009008 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN Data Type: Point Name: SALT UNION LTD Easting: 349400 Northing: 381900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1992 Version End Date: -
B	291m NW	Status: Historical Licence No: 2568009008 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: SALT UNION LTD Easting: 349400 Northing: 381900	Annual Volume (m ³): 52279000 Max Daily Volume (m ³): 151836.4 Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1992 Version End Date: -
1	308m NW	Status: Historical Licence No: 2568009008 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: Ineos Enterprises Group Limited Easting: 349430 Northing: 381980	Annual Volume (m ³): 52279000 Max Daily Volume (m ³): 151836.40 Original Application No: NPS/WR/016665 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 102 Version Start Date: 15/08/2014 Version End Date: -

ID	Location	Details	
-	949m S	Status: Historical Licence No: 2568009009 Details: Non-Evaporative Cooling Direct Source: "Surface, Non-Tidal - North West Region" Point: "MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN" Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -
-	949m S	Status: Historical Licence No: 2568009009 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN" Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -
-	949m S	Status: Historical Licence No: 2568009009 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -
-	949m S	Status: Historical Licence No: 2568009009 Details: Non-Evaporative Cooling Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT, RUNCORN Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -



ID	Location	Details	
-	949m S	Status: Historical Licence No: 2568009009 Details: Non-Evaporative Cooling Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): 70518000 Max Daily Volume (m ³): 396000 Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -
-	949m S	Status: Historical Licence No: 2568009009 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: INEOS CHLOR LTD Easting: 349700 Northing: 380600	Annual Volume (m ³): 70518000 Max Daily Volume (m ³): 396000 Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 104 Version Start Date: 24/01/2001 Version End Date: -
-	1004m S	Status: Historical Licence No: 2568009009 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: INOVYN Chlorvinyls Limited Easting: 349810 Northing: 380540	Annual Volume (m ³): 70518000 Max Daily Volume (m ³): 396000 Original Application No: NPS/WR/020265 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 106 Version Start Date: 15/07/2015 Version End Date: -
-	1004m S	Status: Historical Licence No: 2568009009 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Surface, Non-Tidal - North West Region Point: MANCHESTER SHIP CANAL AT WESTON POINT RUNCORN Data Type: Point Name: INOVYN Chlorvinyls Limited Easting: 349810 Northing: 380540	Annual Volume (m ³): 70518000 Max Daily Volume (m ³): 396000 Original Application No: NPS/WR/020265 Original Start Date: 18/03/1966 Expiry Date: - Issue No: 106 Version Start Date: 15/07/2015 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

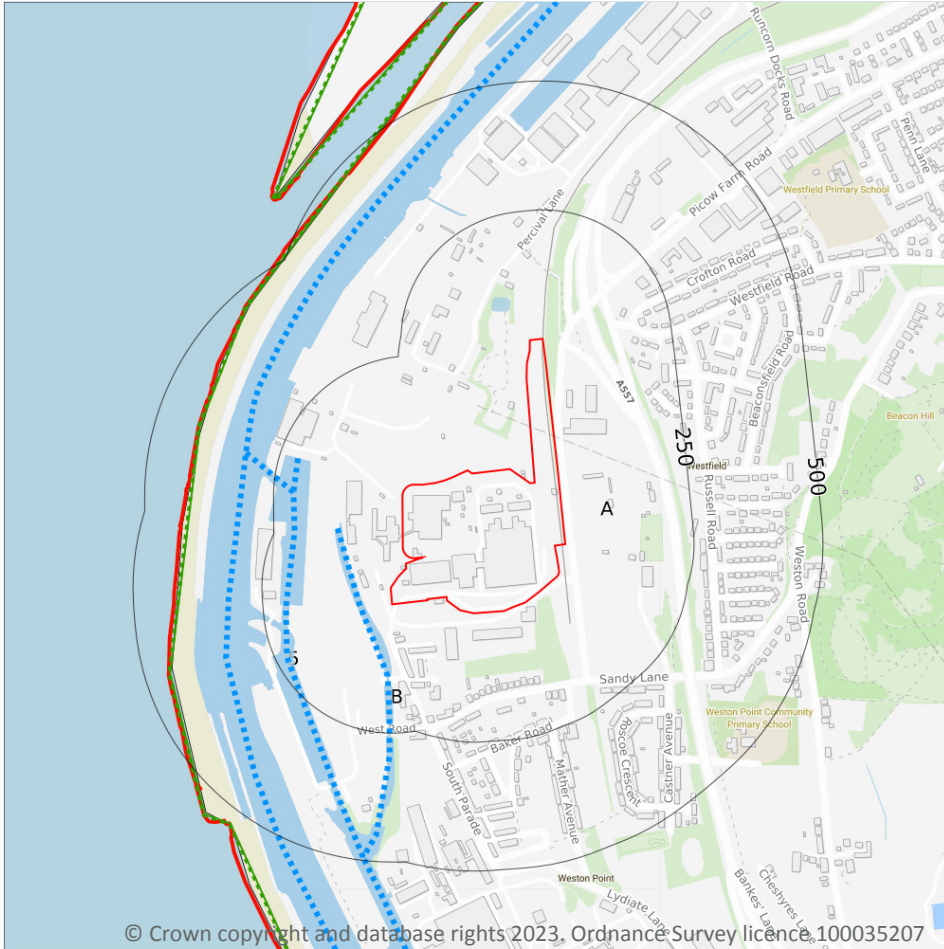
0

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

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



6 Hydrology



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

6.1 Water Network (OS MasterMap)

Records within 250m

2

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 118 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
B	57m SW	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Runcorn and Weston Canal

ID	Location	Type of water feature	Ground level	Permanence	Name
5	198m W	Canal. A manmade watercourse for inland navigation.	On ground surface	Watercourse contains water year round (in normal circumstances)	Weaver Navigation

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	5
----------------------------	----------

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

Features are displayed on the Hydrology map on [page 118 >](#)

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 118 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	Coastal Catchment	Not part of a river WB catchment	169	Weaver Lower	Weaver Gowy

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 118 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	59m SW	Canal	Weaver Navigation (canal section Frodsham to Weston Point Docks)	GB71210545 ↗	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 118 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Wirral and West Cheshire Permo-Triassic Sandstone Aquifers	GB41101G202600 ↗	Poor	Poor	Good	2019

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

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m

0

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

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

7.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

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

7.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

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

7.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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



River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m

0

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

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

7.7 Flood Zone 3

Records within 50m

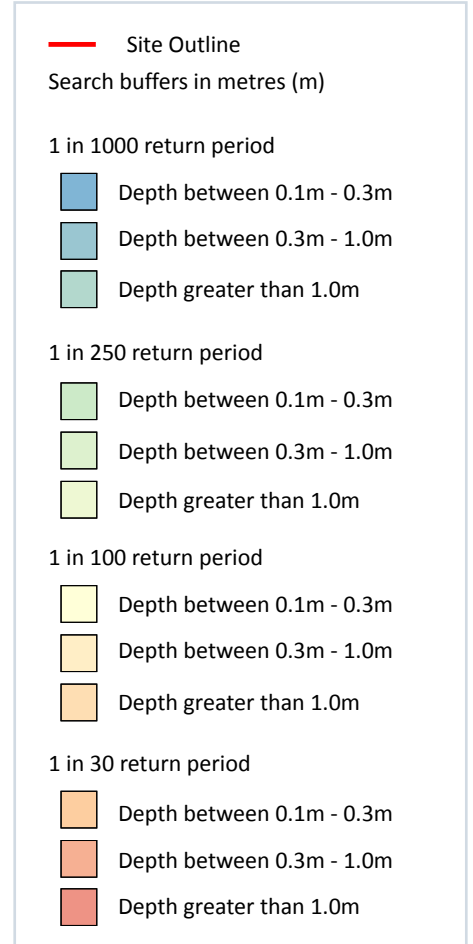
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

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 124 >](#)

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

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

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

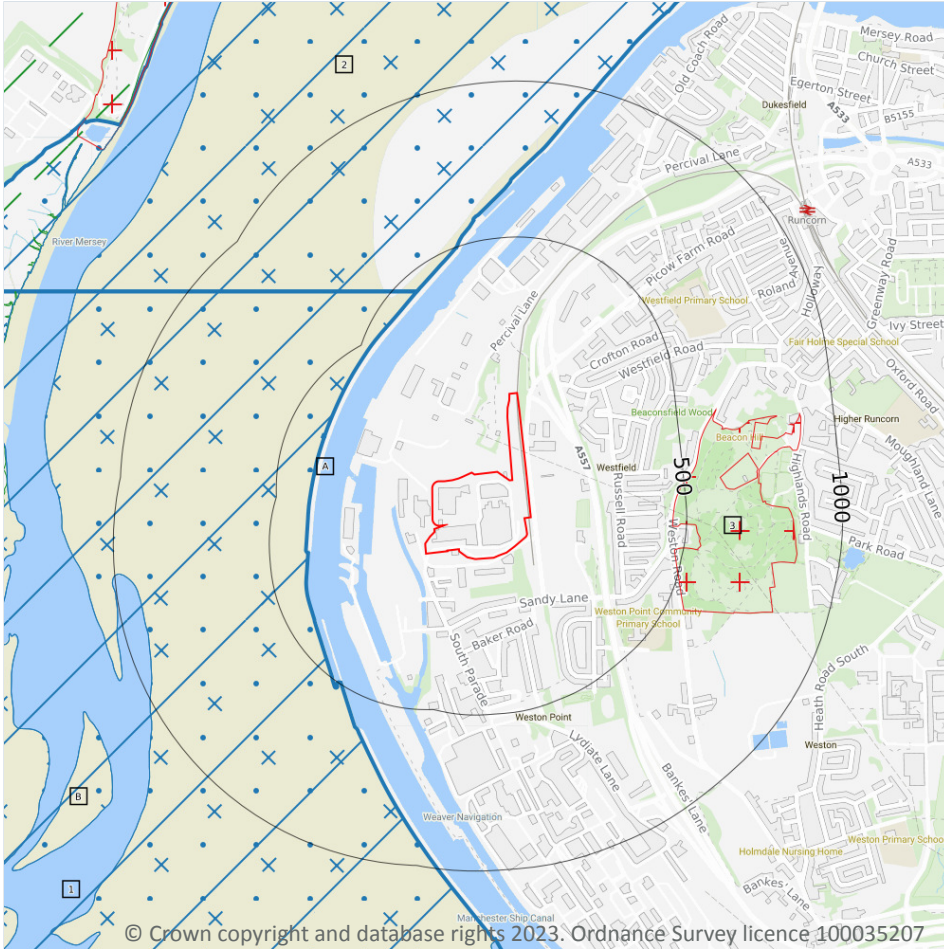
High

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 126 >](#)

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- X Sites of Special Scientific Interest (SSSI)
- X Conserved wetland sites (Ramsar sites)
- Special Protection Areas (SPA)
- + Local Nature Reserves (LNR)
- / Green Belt

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 127 >](#)

ID	Location	Name	Data source
1	377m W	Mersey Estuary	Natural England



ID	Location	Name	Data source
2	442m N	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

5

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 127 >](#)

ID	Location	Site	Details
A	376m W	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: -
B	1194m SW	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: -



ID	Location	Site	Details
C	1283m W	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: -
-	1636m 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: -
E	1746m SW	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

5

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 127 >](#)

ID	Location	Name	Species of interest	Habitat description	Data source
A	377m W	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
B	1195m SW	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
C	1283m W	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
-	1637m 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
E	1746m SW	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

2

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

Features are displayed on the Environmental designations map on [page 127 >](#)

ID	Location	Name	Data source
3	455m E	Runcorn Hill	Natural England
5	1506m NW	Pickerings Pasture	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

4

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

Features are displayed on the Environmental designations map on [page 127 >](#)

ID	Location	Name	Local Authority name
4	1355m W	Merseyside and Greater Manchester	Halton
-	1531m S	Merseyside and Greater Manchester	Cheshire West and Chester
-	1552m S	Merseyside and Greater Manchester	Halton
-	1555m S	Merseyside and Greater Manchester	Halton

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
1174m SE	River Weaver (Dane to Frodsham) NVZ	Surface Water	636	Existing

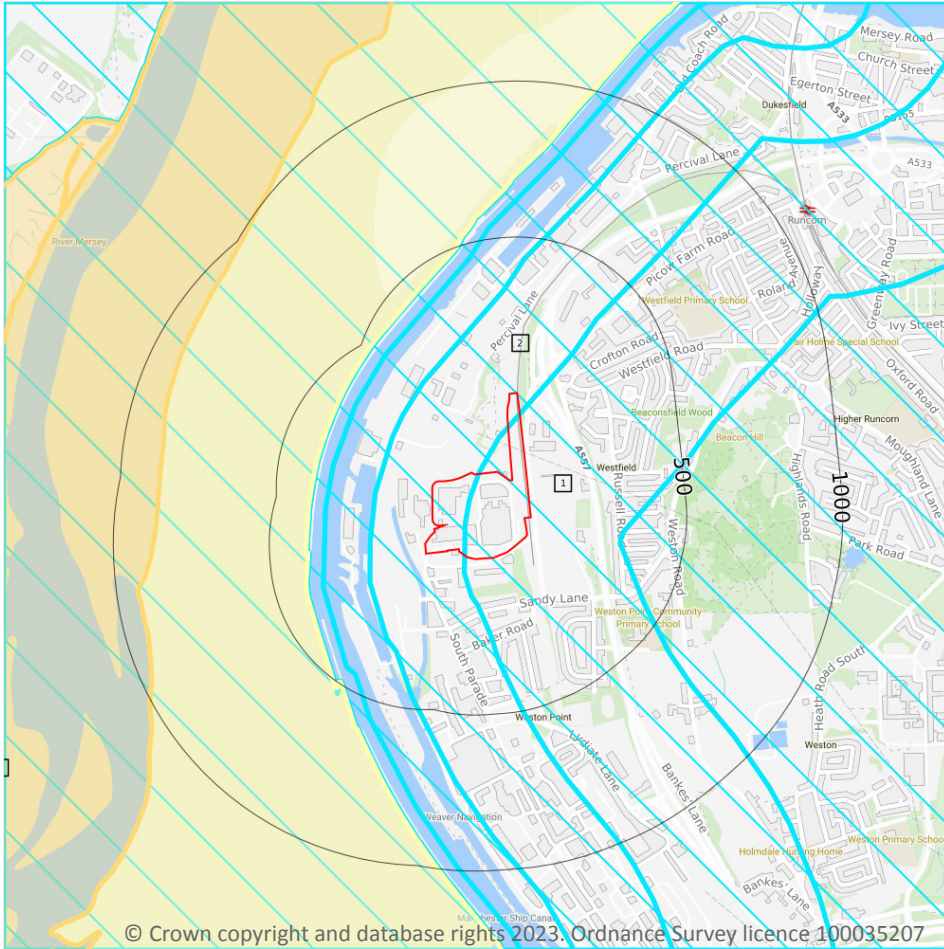


Location	Name	Type	NVZ ID	Status
1957m NW	Dittton Brook (Halewood to Mersey Estuary) NVZ	Surface Water	640	Existing

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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

2

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 135](#) >



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 and underground cables, 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>

ID	Location	Type of developments requiring consultation
2	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 and underground cables, 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 development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores).</p> <p>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</p> <p>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste that is discharged 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 135 >](#)

ID:	7
Location:	377m W
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
>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	Not Recorded	01/01/1900
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	-	-
SM4-28 - Saltmarsh	Not Recorded	01/01/1900
Shelduck, Tadorna tadorna - A048, nb	-	-
Teal, Anas crecca - A704, nb	-	-
Waterbird assemblage	-	-

ID: 8
 Location: 865m W
 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
>20,000 Non-breeding waterbirds	-	-
Aggregations of non-breeding birds - Curlew, Numenius arquata	Favourable	18/02/2020



Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Dunlin, <i>Calidris alpina alpina</i>	Favourable	18/02/2020
Aggregations of non-breeding birds - Golden plover, <i>Pluvialis apricaria</i>	Unfavourable - No change	17/02/2020
Aggregations of non-breeding birds - Pintail, <i>Anas acuta</i>	Unfavourable - No change	24/02/2020
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Favourable	18/02/2020
Aggregations of non-breeding birds - Shelduck, <i>Tadorna tadorna</i>	Favourable	18/02/2020
Aggregations of non-breeding birds - Teal, <i>Anas crecca</i>	Unfavourable - No change	24/02/2020
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Unfavourable - No change	24/02/2020
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	-	-
Shelduck, <i>Tadorna tadorna</i> - A048, nb	-	-
Teal, <i>Anas crecca</i> - A704, nb	Unfavourable - No change	17/02/2020
Waterbird assemblage	-	-

ID: 9
 Location: 1425m W
 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
>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
Aggregations of non-breeding birds - Redshank, <i>Tringa totanus</i>	Not Recorded	01/01/1900



Feature name	Feature condition	Date of assessment
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	-	-
SM4-28 - Saltmarsh	Unfavourable - No change	18/01/2023
Shelduck, Tadorna tadorna - A048, nb	-	-
Teal, Anas crecca - A704, nb	-	-
Waterbird assemblage	-	-

ID: -
 Location: 1428m W
 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
>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	Not Recorded	01/01/1900
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



Feature name	Feature condition	Date of assessment
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	Unfavourable - No change	18/01/2023
Shelduck, <i>Tadorna tadorna</i> - A048, nb	-	-
Teal, <i>Anas crecca</i> - A704, nb	-	-
Waterbird assemblage	-	-

ID: -
 Location: 1954m NW
 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
>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
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>	Not Recorded	01/01/1900
Aggregations of non-breeding birds - Wigeon, <i>Anas penelope</i>	Not Recorded	01/01/1900
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	-	-

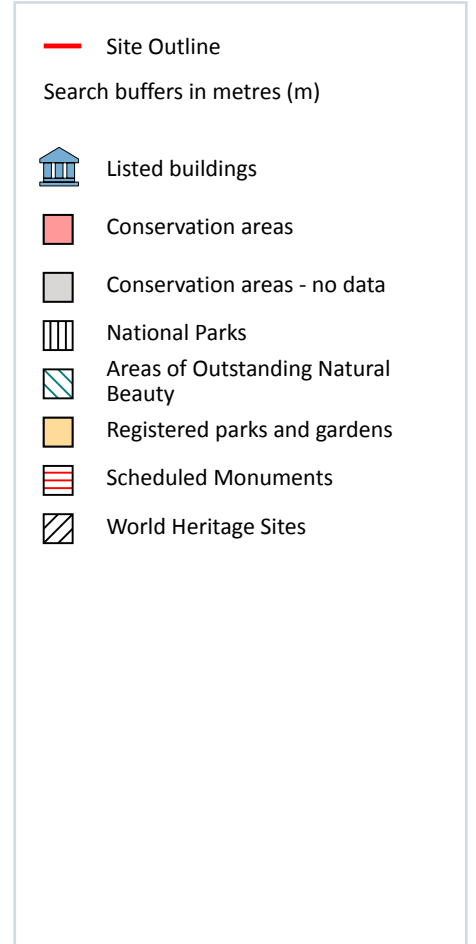


Feature name	Feature condition	Date of assessment
Pintail, <i>Anas acuta</i> - A054, nb	-	-
Redshank, <i>Tringa totanus</i> - A162, nb	-	-
Shelduck, <i>Tadorna tadorna</i> - A048, nb	-	-
Teal, <i>Anas crecca</i> - A704, nb	-	-
Waterbird assemblage	-	-

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**1**

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.

Features are displayed on the Visual and cultural designations map on [page 143 >](#)

ID	Location	Name	Grade	Reference Number	Listed date
1	236m W	Christ Church And Churchyard Railings	II	1271140	30/11/2000

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

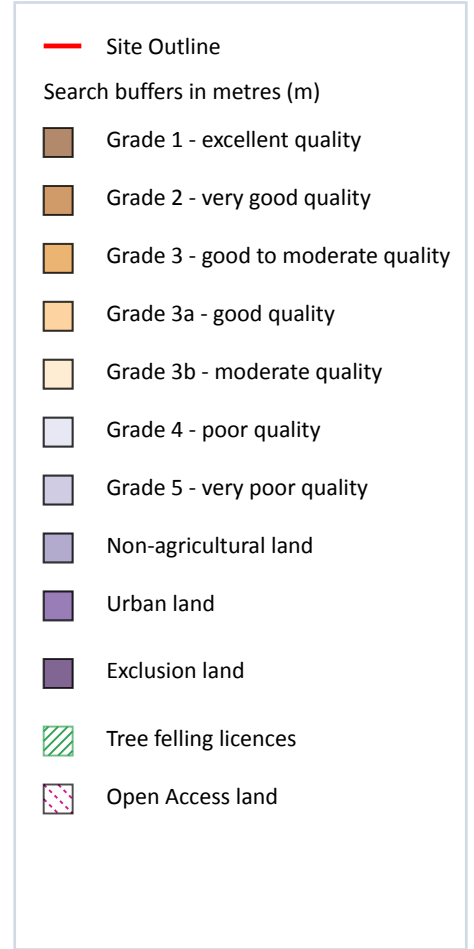
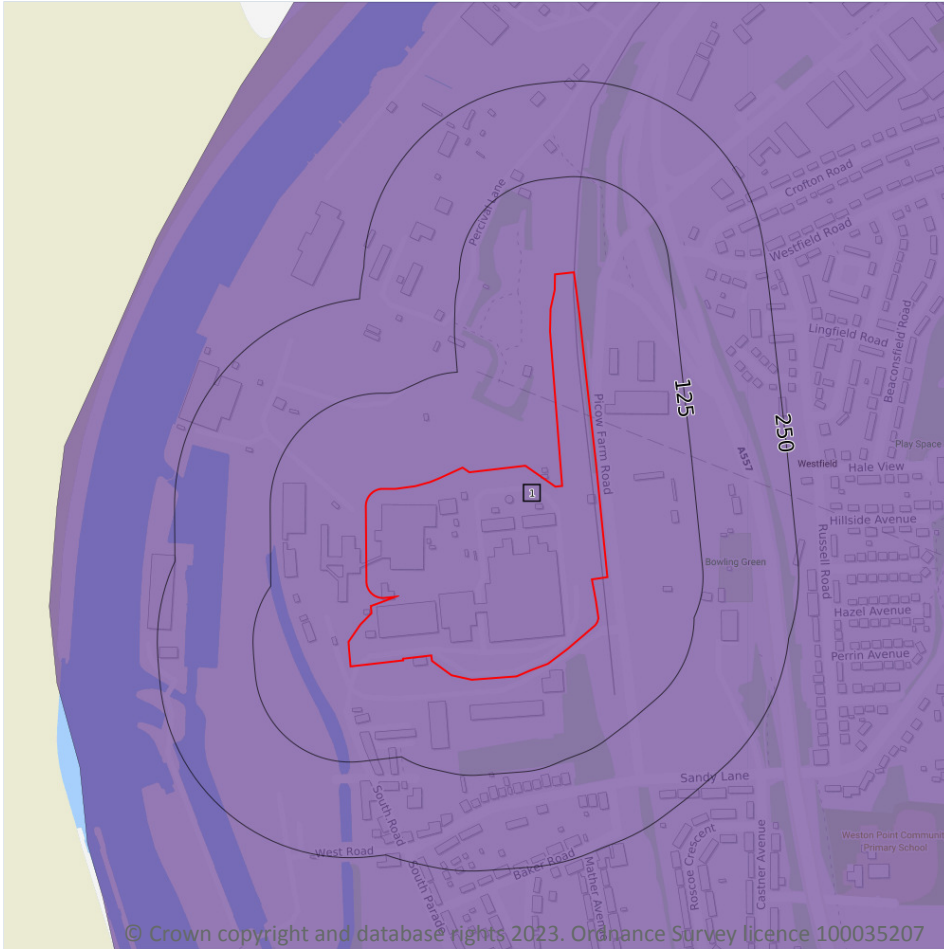
0

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 146 >](#)

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

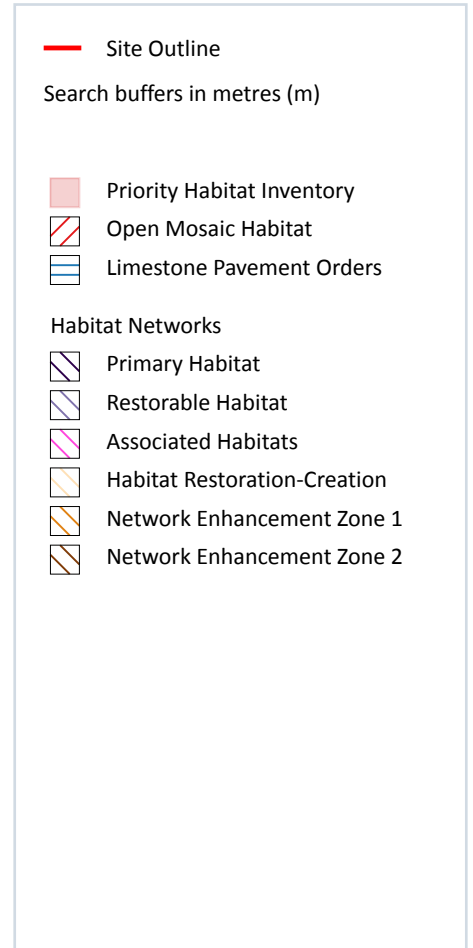
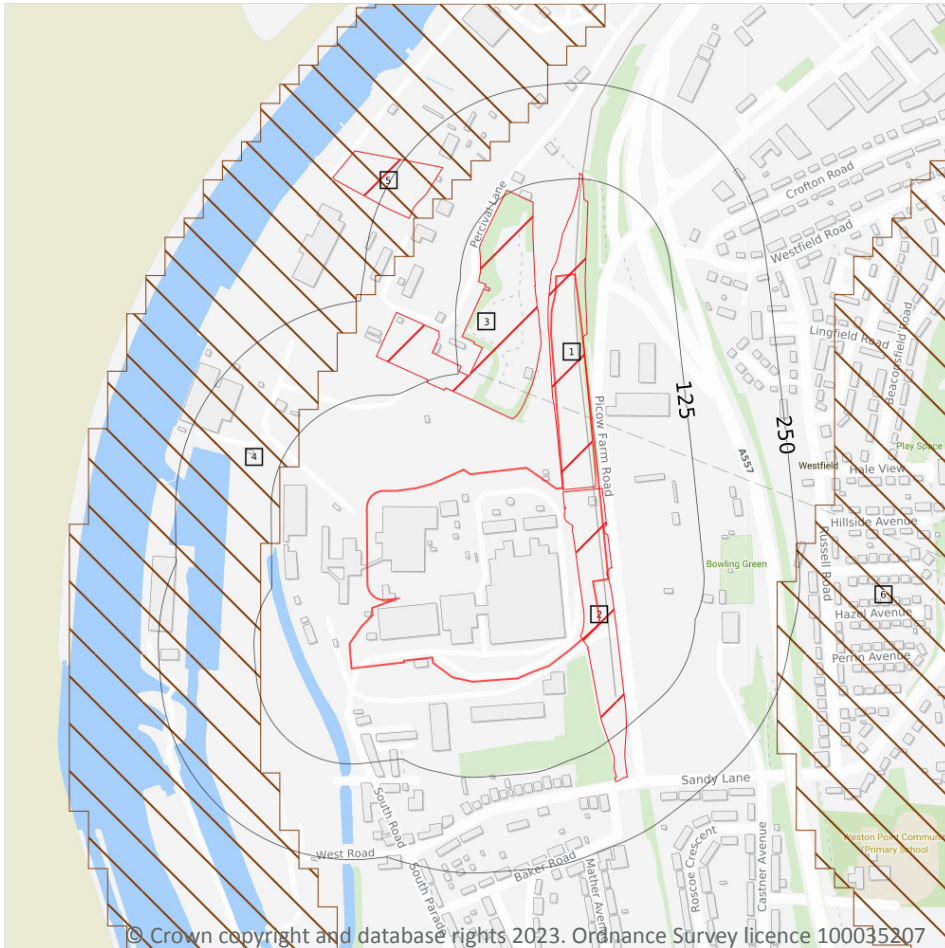
0

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.



13 Habitat designations



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13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

2

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

Features are displayed on the Habitat designations map on [page 148 >](#)

ID	Location	Type	Habitat
4	101m NW	Network Enhancement Zone 2	Not specified
6	221m E	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

4

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

Features are displayed on the Habitat designations map on [page 148 >](#)

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	On site	-	Low	UK Perspectives Aerial Photography	-	-
2	On site	-	Low	UK Perspectives Aerial Photography	-	-
3	14m N	NLUD Ref: 65000066	Low	National Land Use Database - Previously Developed Land	Environment Agency Historic Landfill Sites	UK Perspectives Aerial Photography
5	201m N	NLUD Ref: 65000049	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	-

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

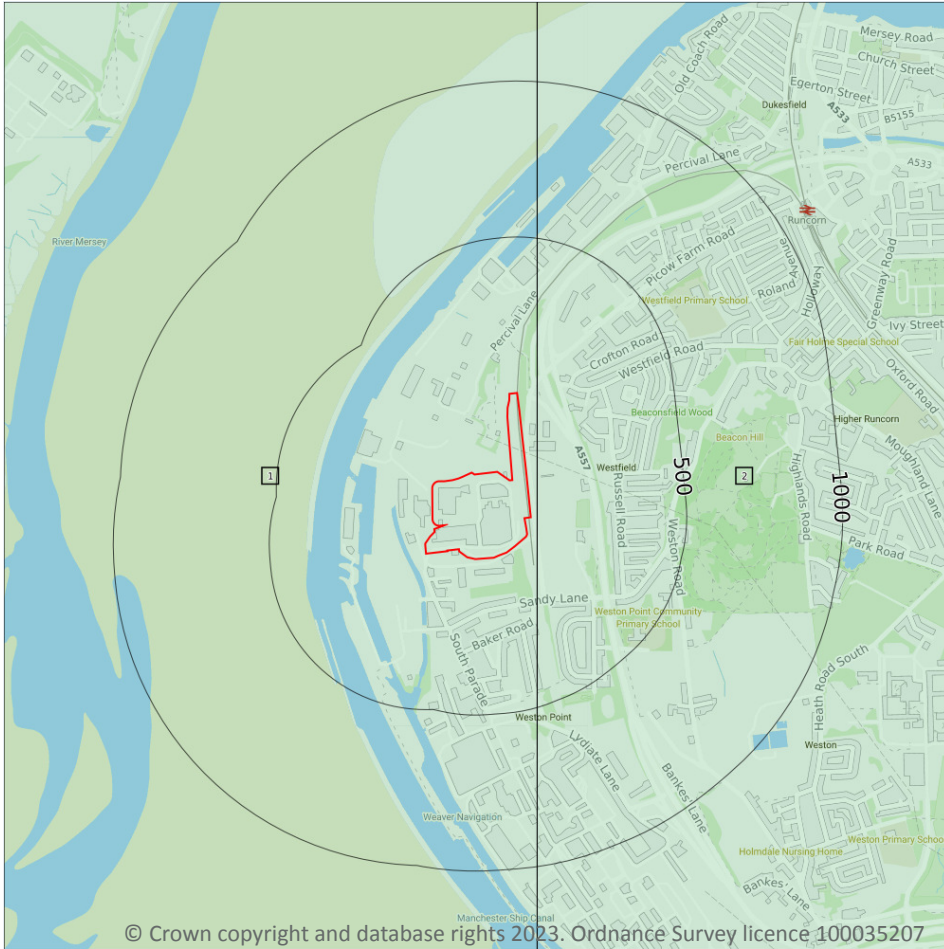
0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
 Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

2

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

Features are displayed on the Geology 1:10,000 scale - Availability map on [page 150](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SJ48SE
2	21m E	No coverage	Full	Full	No coverage	SJ58SW

This data is sourced from the British Geological Survey.



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

14.2 Artificial and made ground (10k)

Records within 500m

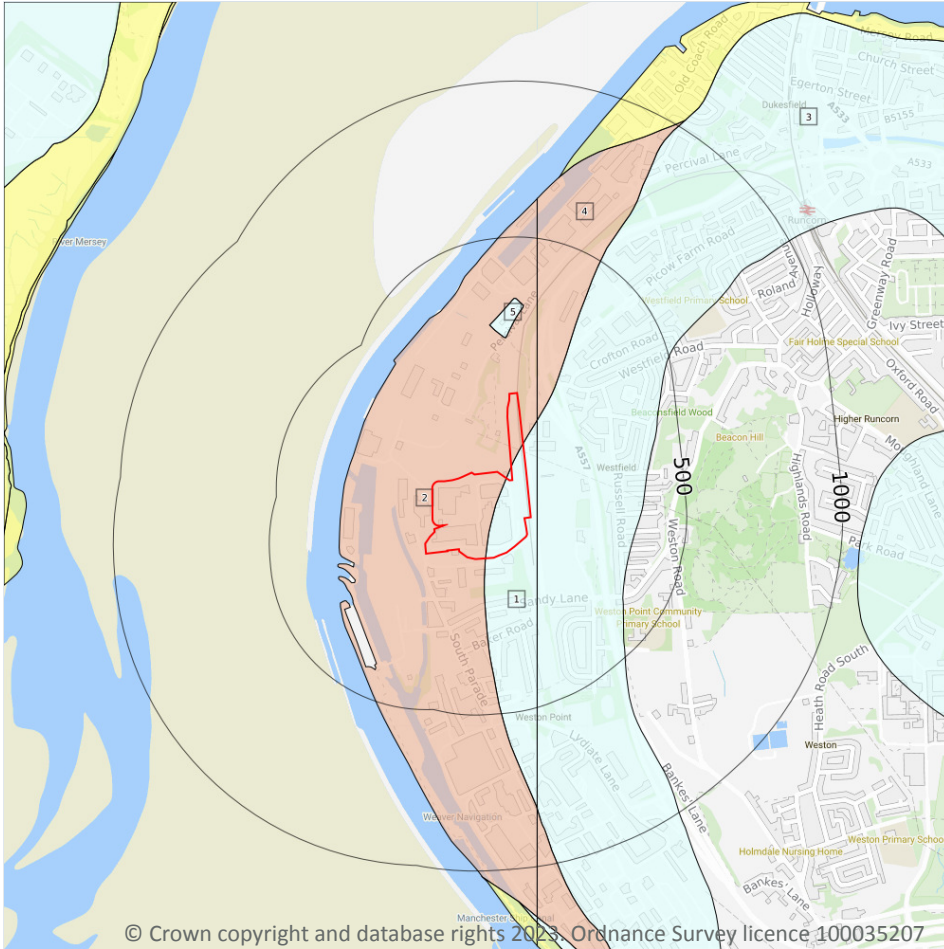
0


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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
-  Landslip (10k)
- Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m

5

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on [page 152](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton
2	On site	SSA-S	Shirdley Hill Sand Formation - Sand	Sand
3	21m E	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton



ID	Location	LEX Code	Description	Rock description
4	53m NE	SSA-S	Shirdley Hill Sand Formation - Sand	Sand
5	180m N	TILLD-DMTN	Till, Devensian - Diamicton	Diamicton

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

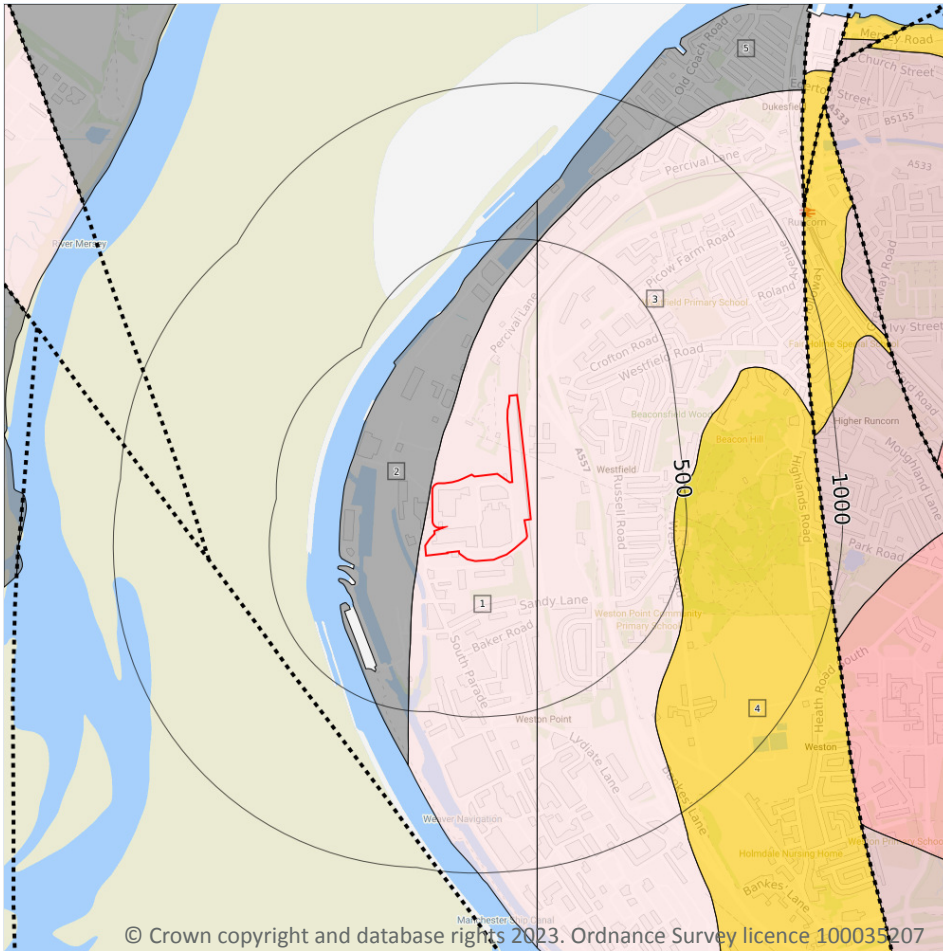
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (10k)
- Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m

5

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on [page 154](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	WLSF-SDST	Wilmslow Sandstone Formation - Sandstone	Early Triassic Epoch
2	7m W	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch
3	21m E	WLSF-SDST	Wilmslow Sandstone Formation - Sandstone	Early Triassic Epoch
4	460m E	HEY-PESST	Helsby Sandstone Formation - Pebbly (gravelly) Sandstone	Anisian Age - Early Triassic Epoch



ID	Location	LEX Code	Description	Rock age
5	493m N	CPB-SDST	Chester Pebble Beds Formation - Sandstone	Early Triassic Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
 Search buffers in metres (m)

□ Geological map tile

15.1 50k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 156](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW097_runcorn_v4

This data is sourced from the British Geological Survey.



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

15.2 Artificial and made ground (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

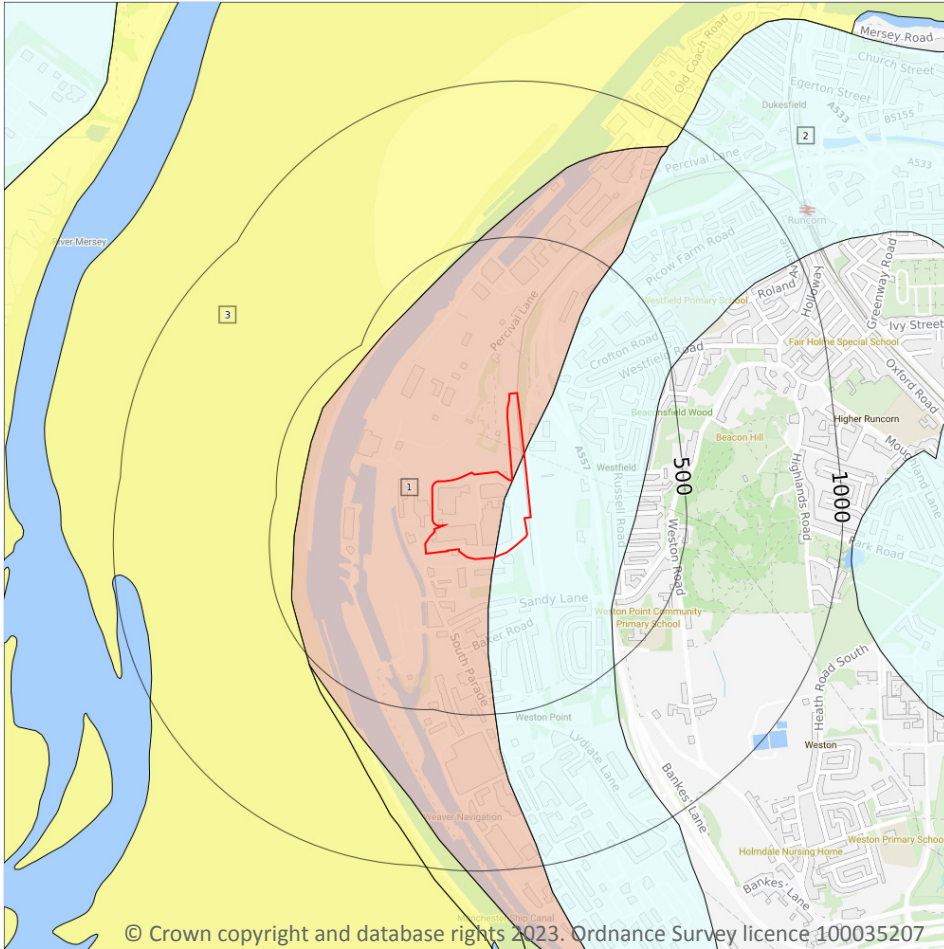
0


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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



- Site Outline
- Search buffers in metres (m)
-  Landslip (50k)
- Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m

3

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on [page 158](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	SSA-S	SHIRDLEY HILL SAND FORMATION	SAND
2	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	410m W	TFD-XCZS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND



This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m **3**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	High
On site	Mixed	High	Low
21m E	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m **0**

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

This data is sourced from the British Geological Survey.

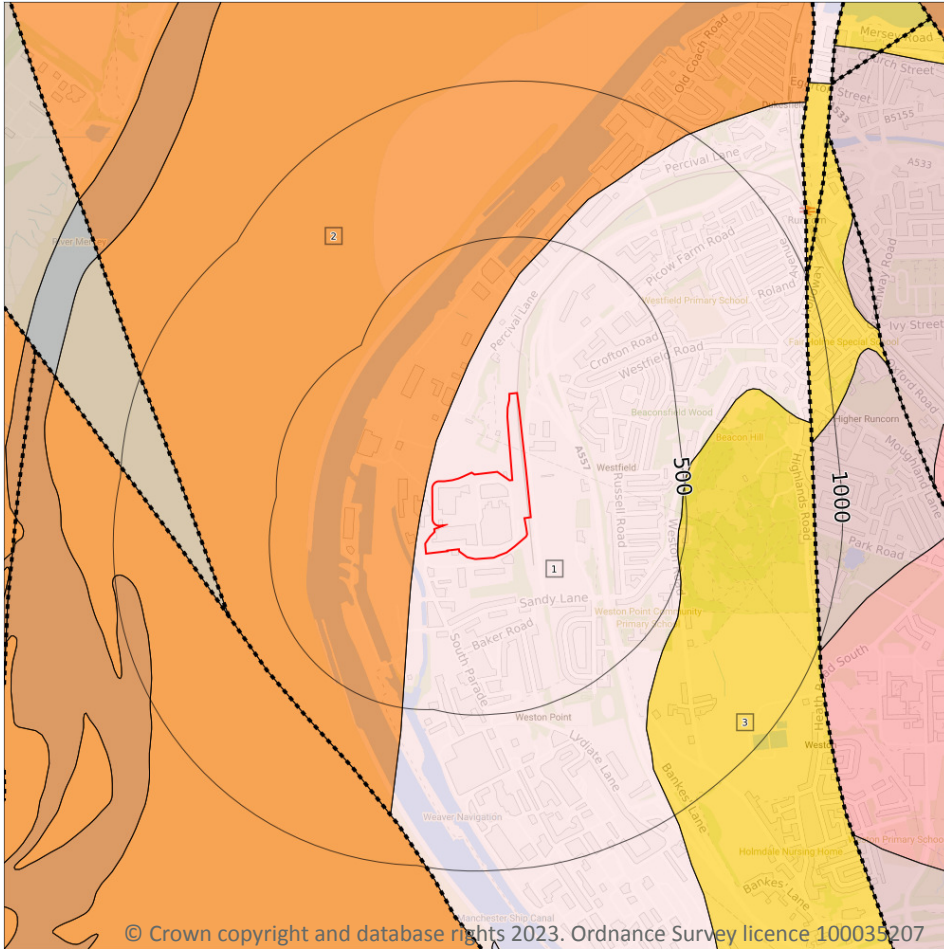
15.7 Landslip permeability (50k)

Records within 50m **0**

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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

15.8 Bedrock geology (50k)

Records within 500m

3

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on [page 160](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	WLSF-SDST	WILMSLOW SANDSTONE FORMATION - SANDSTONE	-
2	21m W	CHES-PESST	CHESTER FORMATION - SANDSTONE, PEBBLY (GRAVELLY)	OLENEKIAN
3	476m E	HEY-PESST	HELSEBY SANDSTONE FORMATION - SANDSTONE, PEBBLY (GRAVELLY)	ANISIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m

3

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	High
21m E	Intergranular	High	High
21m W	Mixed	High	Moderate

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

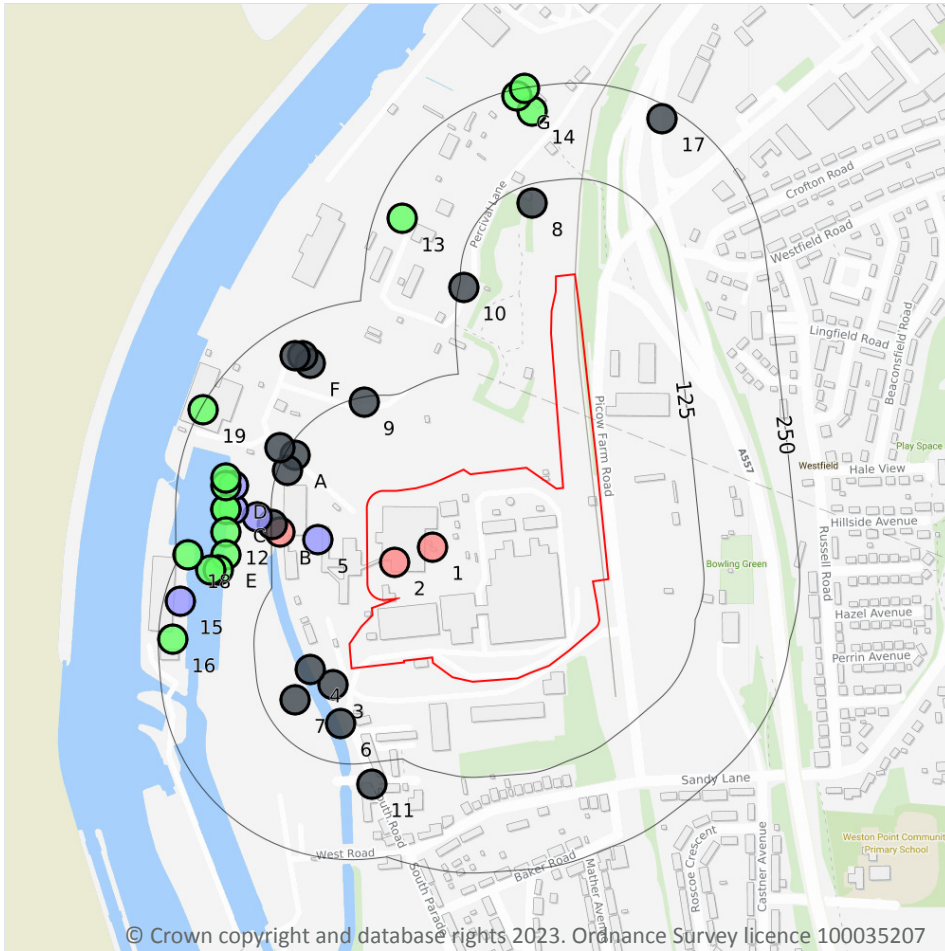
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
 Search buffers in metres (m)

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

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16.1 BGS Boreholes

Records within 250m

39

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

Features are displayed on the Boreholes map on [page 162](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	349750 381720	LEVER BROS	154.03	N	164398 ↗
2	On site	349700 381700	LEVER BROS. WESTON POINT	154.04	N	164630 ↗
3	32m SW	349620 381540	RUNCORN WESTON POINT DRAINAGE 13A	-	Y	N/A



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	54m SW	349590 381560	RUNCORN WESTON POINT DRAINAGE 13	-	Y	N/A
5	64m W	349600 381730	WESTON POINT DOCKS 4	9.0	N	164568 ↗
6	73m SW	349630 381490	RUNCORN WESTON POINT DRAINAGE 14	-	Y	N/A
7	85m SW	349570 381520	RUNCORN WESTON POINT DRAINAGE 12	-	Y	N/A
8	101m N	349880 382170	RUNCORN WESTON POINT DRAINAGE 3	-	Y	N/A
A	113m NW	349570 381840	RUNCORN WESTON POINT DRAINAGE 8	-	Y	N/A
A	113m W	349560 381820	RUNCORN WESTON POINT DRAINAGE 10	-	Y	N/A
B	114m W	349550 381740	WESTON POINT RUNCORN	100.0	N	164619 ↗
9	119m NW	349660 381910	RUNCORN WESTON POINT DRAINAGE 5	-	Y	N/A
10	119m N	349790 382060	RUNCORN WESTON POINT DRAINAGE 4	-	Y	N/A
B	124m W	349540 381750	RUNCORN WESTON POINT DRAINAGE 11	-	Y	N/A
A	135m NW	349550 381850	RUNCORN WESTON POINT DRAINAGE 9	-	Y	N/A
B	144m W	349520 381760	WESTON POINT DOCKS TP 1	1.0	N	164572 ↗
11	154m SW	349670 381410	RUNCORN WESTON POINT DRAINAGE 15	-	Y	N/A
C	174m W	349490 381770	WESTON POINT DOCKS 4	10.0	N	164459 ↗
D	176m W	349490 381800	WESTON POINT DOCKS 1	9.5	N	164456 ↗
C	184m W	349480 381770	WESTON POINT DOCKS 6	18.2	N	164461 ↗
C	184m W	349480 381770	WESTON POINT DOCKS 5	20.0	N	164460 ↗
12	184m W	349480 381740	WESTON POINT DOCKS 7	20.0	N	164462 ↗
E	184m W	349480 381710	WESTON POINT DOCKS 2	14.0	N	164566 ↗
D	186m W	349480 381800	WESTON POINT DOCKS 2	20.0	N	164457 ↗
D	187m W	349480 381810	WESTON POINT DOCKS 3	18.0	N	164458 ↗
F	189m NW	349590 381960	RUNCORN WESTON POINT DRAINAGE 6	-	Y	N/A
E	194m W	349470 381690	WESTON POINT DOCKS 3	12.08	N	164567 ↗
F	203m NW	349580 381970	RUNCORN WESTON POINT DRAINAGE 6A	-	Y	N/A
E	204m W	349460 381690	WESTON POINT DOCKS 1	12.0	N	164565 ↗
F	208m NW	349570 381970	RUNCORN WESTON POINT DRAINAGE 6B	-	Y	N/A
13	215m N	349710 382150	MERSEY POWER CO 14	12.19	N	164399 ↗

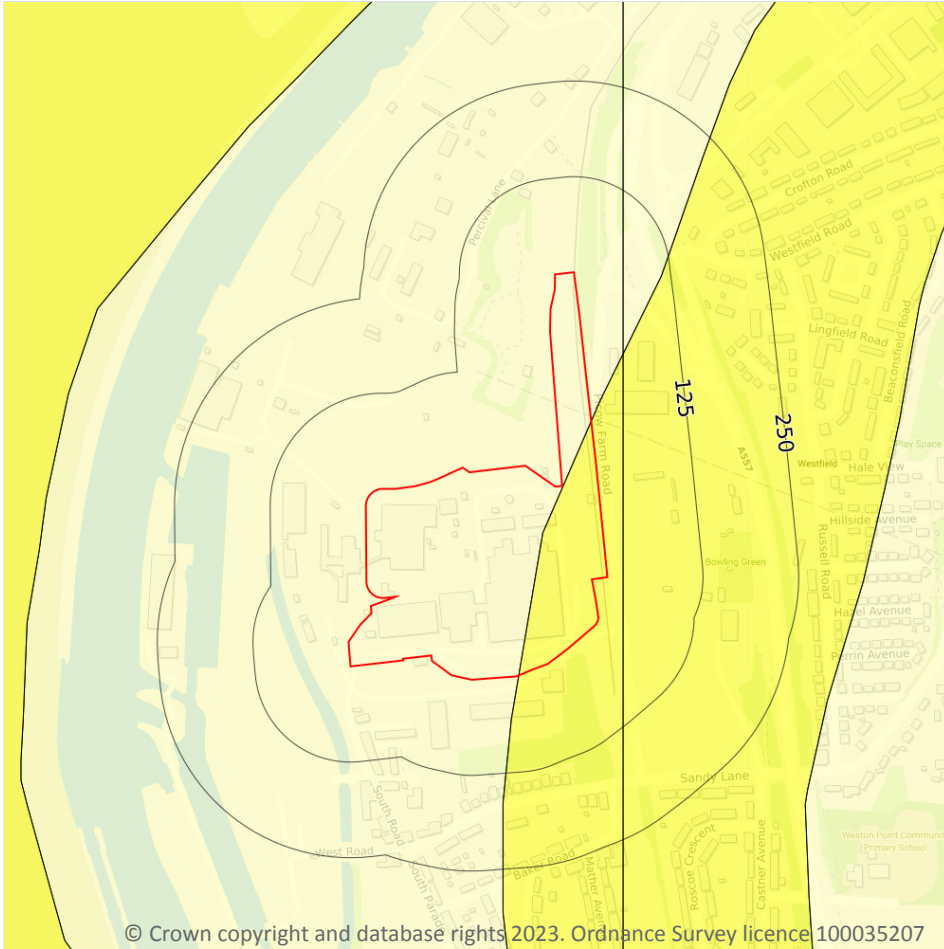


ID	Location	Grid reference	Name	Length	Confidential	Web link
14	218m N	349880 382290	RUNCORN LAY-BY PROPOSED STORAGE TANKS 8	13.71	N	16089532 ↗
15	228m W	349420 381650	WESTON POINT DOCKS 6	10.0	N	164570 ↗
16	231m W	349410 381600	WESTON POINT DOCKS 7	14.0	N	164571 ↗
17	233m N	350050 382280	RUNCORN WESTON POINT DRAINAGE 1A	-	Y	N/A
18	234m W	349430 381710	WESTON POINT DOCKS 5	14.0	N	164569 ↗
G	242m N	349860 382310	RUNCORN LAY-BY PROPOSED STORAGE TANKS 5	12.19	N	16089529 ↗
19	247m NW	349450 381900	WESTON POINT SALT WORKS 2	15.95	N	164617 ↗
G	249m N	349870 382320	RUNCORN LAY-BY PROPOSED STORAGE TANKS 6	12.37	N	16089530 ↗

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



— Site Outline
 Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

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17.1 Shrink swell clays

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 165](#) >

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
21m E	Very low	Ground conditions predominantly low plasticity.



This data is sourced from the British Geological Survey.



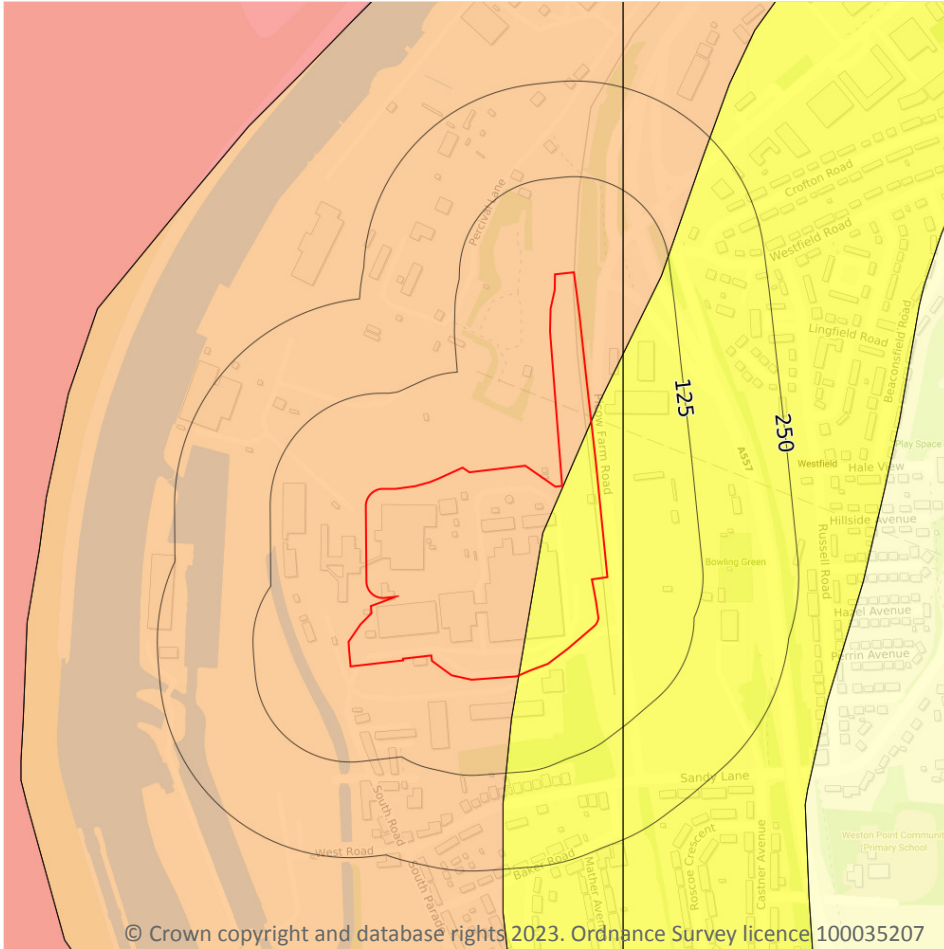
Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Date: 12 October 2023

Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Running sands map on [page 167 >](#)

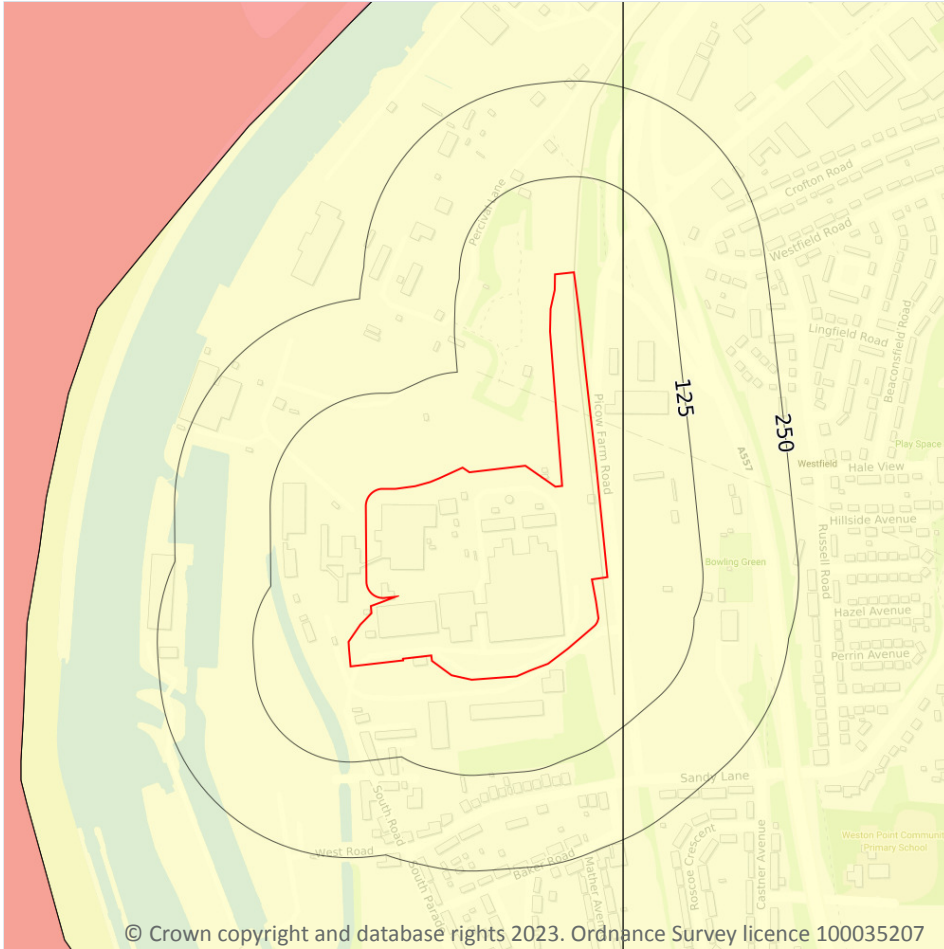
Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
21m E	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m

2

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

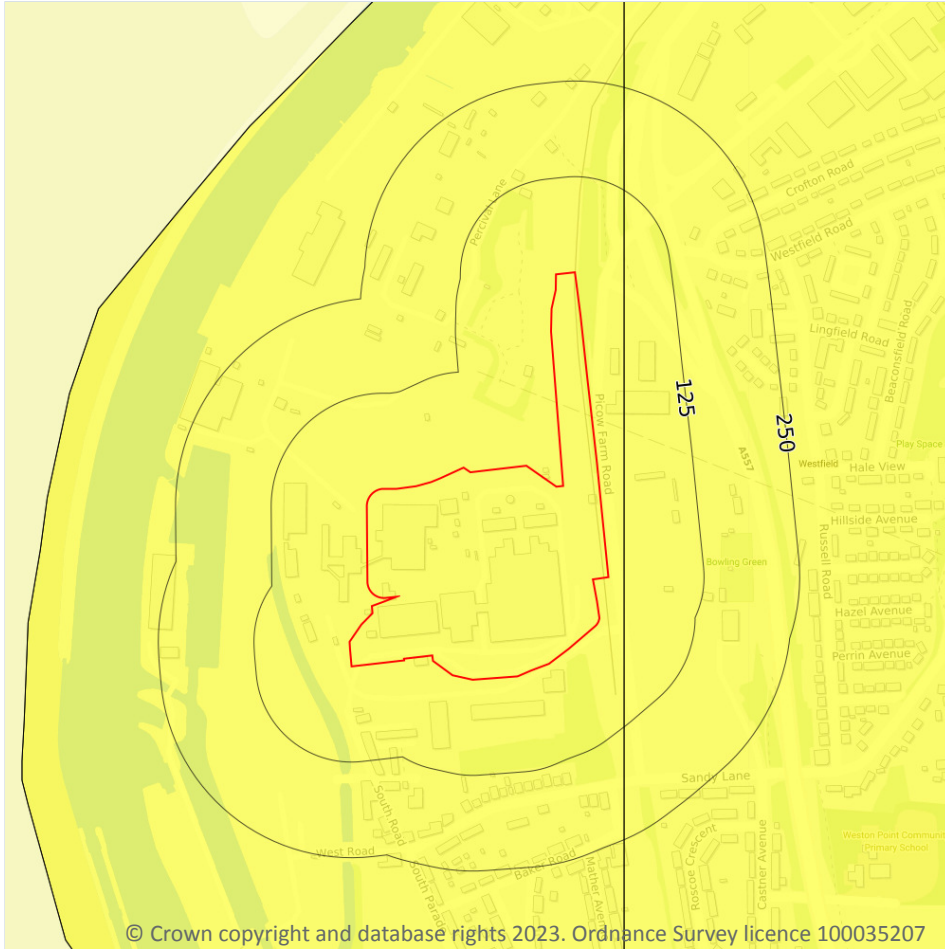
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 169](#) >

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
21m E	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m

2

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

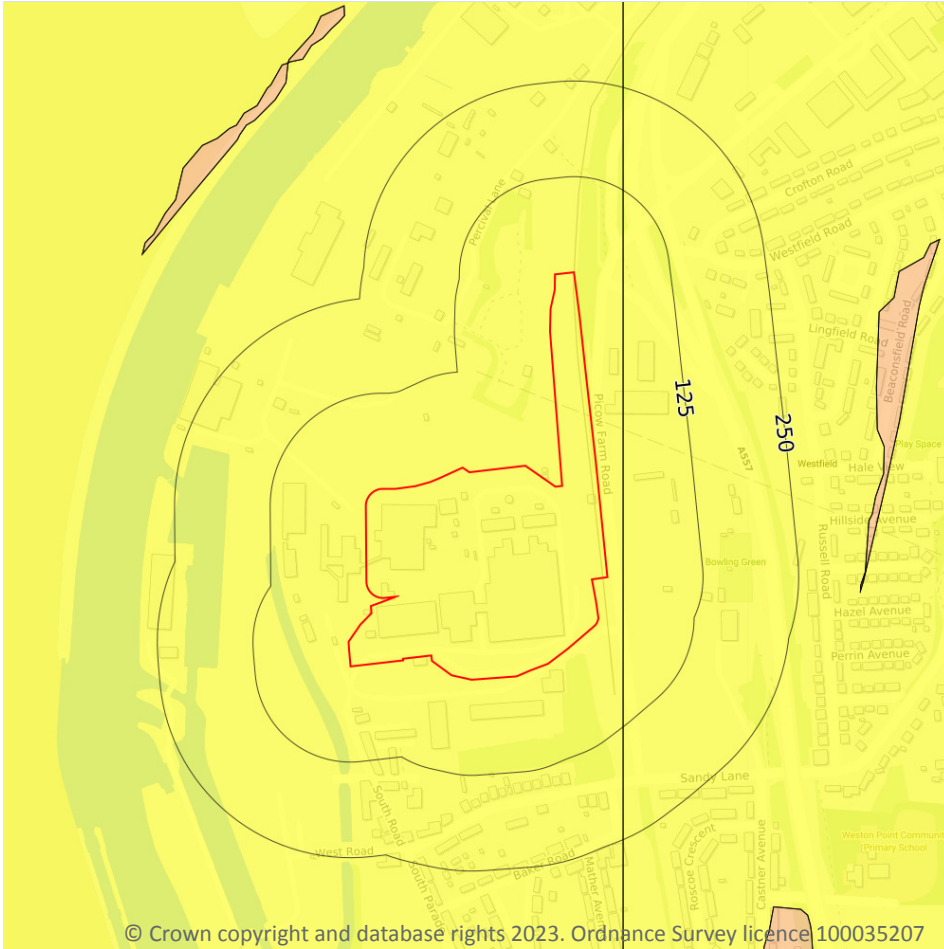
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 170 >](#)

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
21m E	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m

2

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

Features are displayed on the Natural ground subsidence - Landslides map on [page 171](#) >

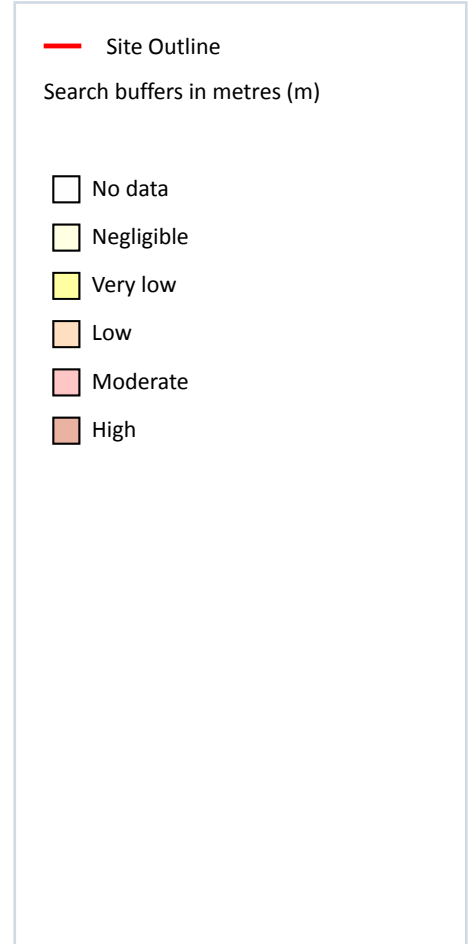
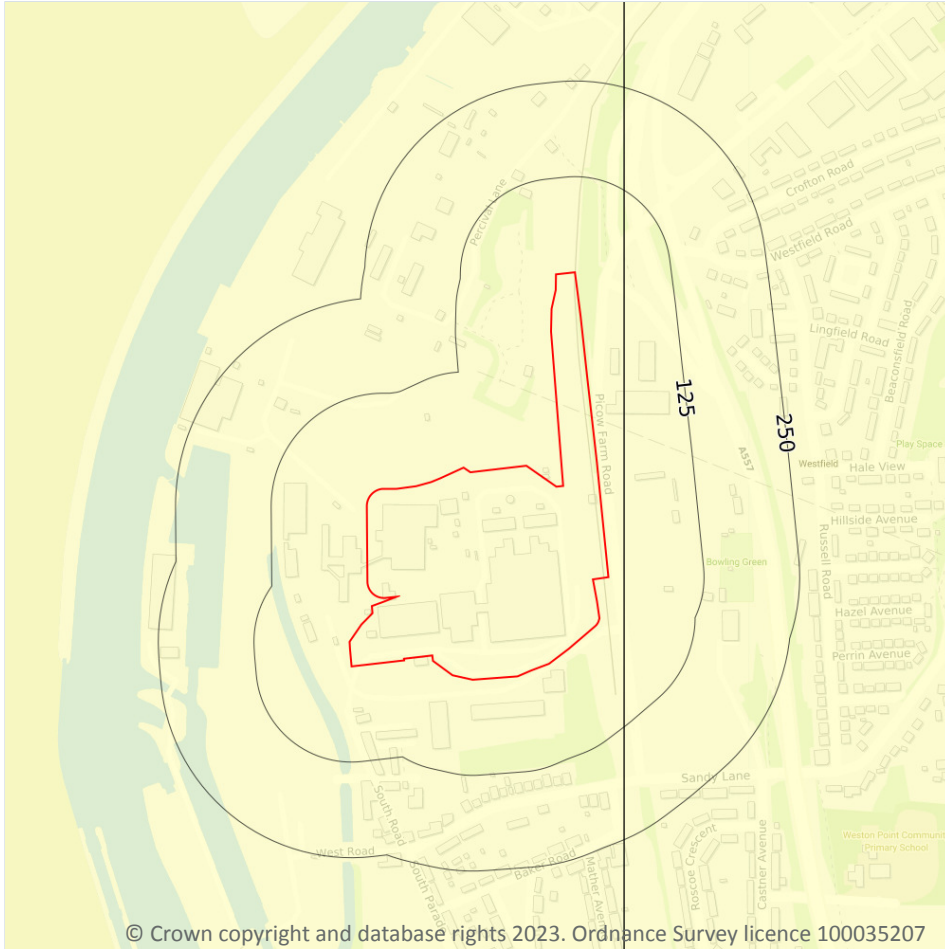
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

Location	Hazard rating	Details
21m E	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



17.6 Ground dissolution of soluble rocks

Records within 50m

2

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on [page 173 >](#)

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

Location	Hazard rating	Details
21m E	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining and ground workings



18.1 BritPits

Records within 500m

2

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

Features are displayed on the Mining and ground workings map on [page 175](#) >

ID	Location	Details	Description
I	366m N	Name: Runcorn Brick Works Address: RUNCORN, Cheshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
AE	499m E	Name: Beacon Hill Quarries Address: Higher Runcorn, RUNCORN, Cheshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	123
----------------------------	------------

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

Features are displayed on the Mining and ground workings map on [page 175](#) >

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Dock	1953	1:10560
A	On site	Unspecified Pit	1938	1:10560
A	On site	Ponds	1938	1:10560
A	On site	Pond	1938	1:10560
A	On site	Ponds	1925	1:10560
A	On site	Pond	1925	1:10560
A	On site	Pond	1905	1:10560
A	On site	Ponds	1905	1:10560
A	On site	Pond	1953	1:10560
A	On site	Pond	1894	1:10560
A	On site	Ponds	1938	1:10560
A	On site	Pond	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	On site	Ponds	1897	1:10560
A	On site	Unspecified Pits	1912	1:10560
A	On site	Pond	1912	1:10560
A	On site	Ponds	1912	1:10560
A	On site	Unspecified Pits	1912	1:10560
A	On site	Unspecified Pit	1938	1:10560
A	On site	Unspecified Pit	1925	1:10560
A	On site	Unspecified Pit	1905	1:10560
A	On site	Refuse Heap	1953	1:10560
A	On site	Pond	1908	1:10560
A	On site	Pond	1908	1:10560
A	On site	Unspecified Ground Workings	1925	1:10560
A	On site	Pond	1925	1:10560
B	On site	Unspecified Heap	1894	1:10560
B	On site	Unspecified Heap	1938	1:10560
B	On site	Unspecified Heap	1925	1:10560
B	On site	Unspecified Heap	1905	1:10560
B	On site	Unspecified Heap	1953	1:10560
C	48m SW	Canal	1938	1:10560
C	48m SW	Canal	1897	1:10560
C	48m SW	Canal	1912	1:10560
D	49m SW	Canal	1953	1:10560
D	49m SW	Canal	1968	1:10000
2	49m SW	Canal	1908	1:10560
3	52m SW	Canal	1982	1:10000
D	56m SW	Canal	1938	1:10560
D	56m SW	Canal	1925	1:10560
D	56m SW	Canal	1905	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
D	57m SW	Canal	1925	1:10560
4	62m SW	Dock	1953	1:10560
D	63m SW	Canal	1894	1:10560
E	66m W	Pond	1938	1:10560
E	66m W	Pond	1897	1:10560
E	68m W	Pond	1938	1:10560
E	68m W	Pond	1925	1:10560
E	68m W	Pond	1905	1:10560
F	68m NE	Cuttings	1994	1:10000
F	68m NE	Cuttings	1979	1:10000
5	76m N	Unspecified Heap	1968	1:10000
6	83m NW	Pond	1982	1:10000
G	101m NE	Cuttings	1994	1:10000
G	101m NE	Cuttings	1979	1:10000
7	108m SW	Unspecified Dock	1908	1:10560
H	108m SW	Dock	1938	1:10560
H	108m SW	Dock	1897	1:10560
H	109m SW	Dock	1968	1:10000
H	110m SW	Docks	1912	1:10560
H	110m SW	Docks	1912	1:10560
H	116m SW	Docks	1938	1:10560
H	116m SW	Docks	1925	1:10560
H	116m SW	Docks	1905	1:10560
H	117m SW	Unspecified Dock	1925	1:10560
8	123m SW	Dock	1894	1:10560
I	129m N	Brick Works	1912	1:10560
I	129m N	Brick Works	1912	1:10560
J	129m W	Unspecified Dock	1908	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
I	137m N	Brick Works	1925	1:10560
J	140m W	Dock	1938	1:10560
J	140m W	Dock	1925	1:10560
J	140m W	Dock	1905	1:10560
J	141m W	Unspecified Dock	1925	1:10560
9	155m N	Refuse Heap	1953	1:10560
K	155m SW	Unspecified Wharf	1953	1:10560
K	155m SW	Unspecified Wharf	1968	1:10000
I	159m N	Brick Works	1925	1:10560
I	159m N	Brick Works	1905	1:10560
10	161m N	Pond	1968	1:10560
H	163m W	Dock	1982	1:10000
I	172m N	Brick Works	1938	1:10560
11	175m SW	Dock	1982	1:10000
12	176m N	Refuse Heap	1964	1:10560
I	179m N	Brick Works	1908	1:10560
L	181m NW	Reservoir	1938	1:10560
L	181m NW	Reservoir	1925	1:10560
L	181m NW	Reservoir	1905	1:10560
M	188m S	Pond	1912	1:10560
L	188m NW	Reservoir	1912	1:10560
L	189m NW	Reservoir	1938	1:10560
I	191m N	Dock	1982	1:10000
M	192m S	Pond	1894	1:10560
I	197m N	Unspecified Ground Workings	1925	1:10560
I	197m N	Unspecified Ground Workings	1905	1:10560
I	197m N	Unspecified Ground Workings	1925	1:10560
I	197m N	Ponds	1953	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
N	200m SW	Canal	1953	1:10560
N	200m SW	Dock	1968	1:10000
N	200m SW	Canal	1912	1:10560
N	202m SW	Canal	1938	1:10560
N	202m SW	Canal	1897	1:10560
N	206m SW	Canal	1938	1:10560
N	206m SW	Canal	1925	1:10560
N	206m SW	Canal	1905	1:10560
I	207m N	Unspecified Pit	1908	1:10560
I	207m N	Unspecified Pit	1938	1:10560
I	207m N	Unspecified Pit	1912	1:10560
I	207m N	Unspecified Pit	1912	1:10560
H	213m W	Unspecified Dock	1908	1:10560
13	216m N	Refuse Heap	1968	1:10560
H	217m W	Unspecified Dock	1925	1:10560
H	220m SW	Canal	1894	1:10560
I	225m N	Pond	1968	1:10000
O	228m SW	Unspecified Wharf	1938	1:10560
O	228m SW	Unspecified Wharf	1925	1:10560
O	228m SW	Unspecified Wharf	1905	1:10560
N	233m SW	Canal	1894	1:10560
H	235m SW	Canal	1938	1:10560
H	235m SW	Canal	1925	1:10560
H	235m SW	Canal	1905	1:10560
I	248m N	Pond	1938	1:10560
I	248m N	Pond	1925	1:10560
I	248m N	Pond	1905	1:10560

This is data is sourced from Ordnance Survey/Groundsure.



18.3 Underground workings

Records within 1000m

26

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

Features are displayed on the Mining and ground workings map on [page 175 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
AA	510m SE	Tunnel	1894	1:10560
AA	510m SE	Tunnel	1894	1:10560
AH	515m SE	Tunnel	1938	1:10560
AH	515m SE	Tunnel	1905	1:10560
AI	521m SE	Tunnel	1949	1:10560
AI	523m SE	Tunnel	1938	1:10560
AS	629m SE	Tunnel	1938	1:10560
AS	629m SE	Tunnel	1897	1:10560
AS	631m SE	Tunnel	1938	1:10560
AS	631m SE	Tunnel	1925	1:10560
AS	631m SE	Tunnel	1905	1:10560
AS	634m SE	Tunnel	1894	1:10560
AS	634m SE	Tunnel	1894	1:10560
AY	707m SE	Unspecified Shaft	1949	1:10560
AY	708m SE	Unspecified Shaft	1938	1:10560
AY	708m SE	Unspecified Shaft	1938	1:10560
AY	708m SE	Unspecified Shaft	1897	1:10560
BD	839m SE	Tunnel	1938	1:10560
BD	839m SE	Tunnel	1925	1:10560
BD	839m SE	Tunnel	1905	1:10560
BD	842m SE	Tunnel	1894	1:10560
BD	842m SE	Tunnel	1894	1:10560
-	929m SE	Tunnel	1897	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
-	937m SE	Tunnel	1938	1:10560
-	937m SE	Tunnel	1925	1:10560
-	937m SE	Tunnel	1905	1:10560

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m

0

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

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.



18.8 The Coal Authority non-coal mining

Records within 500m

0

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m

0

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

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.



18.12 Coal mining

Records on site	0
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Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

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

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

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

18.14 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

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

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

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

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

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



This data is sourced from Groundsure.

19.5 National karst database

Records within 500m

0

This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

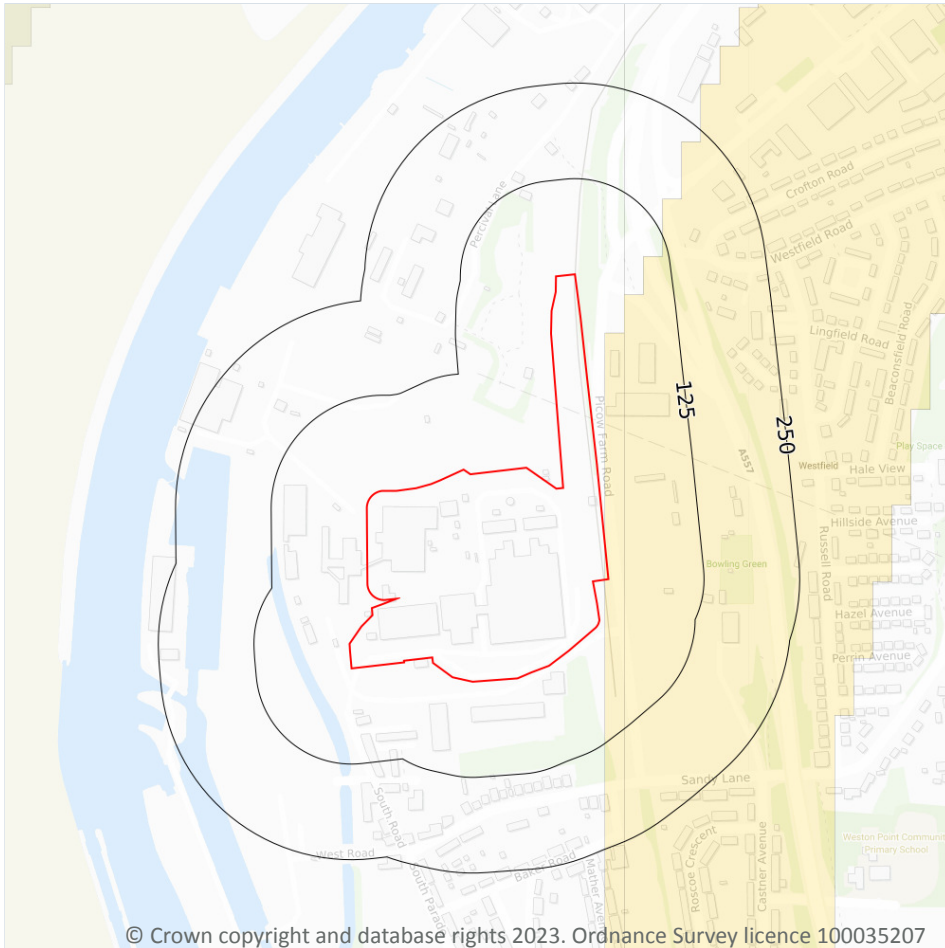
Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.



20 Radon



— Site Outline
 Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site

2

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

Features are displayed on the Radon map on [page 187 >](#)

Location	Estimated properties affected	Radon Protection Measures required
On site	Between 1% and 3%	None



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

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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

7

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
21m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg
21m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
44m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
48m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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

This data is sourced from the British Geological Survey.



21.3 BGS Measured Urban Soil Chemistry

Records within 50m

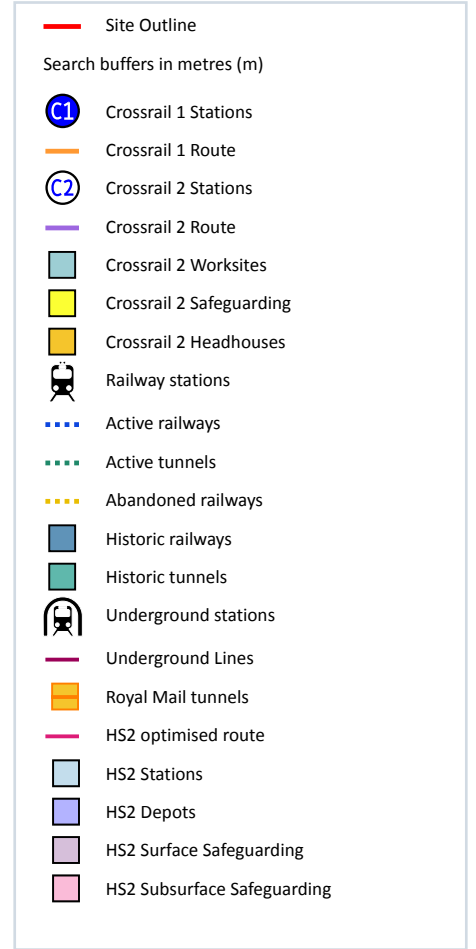
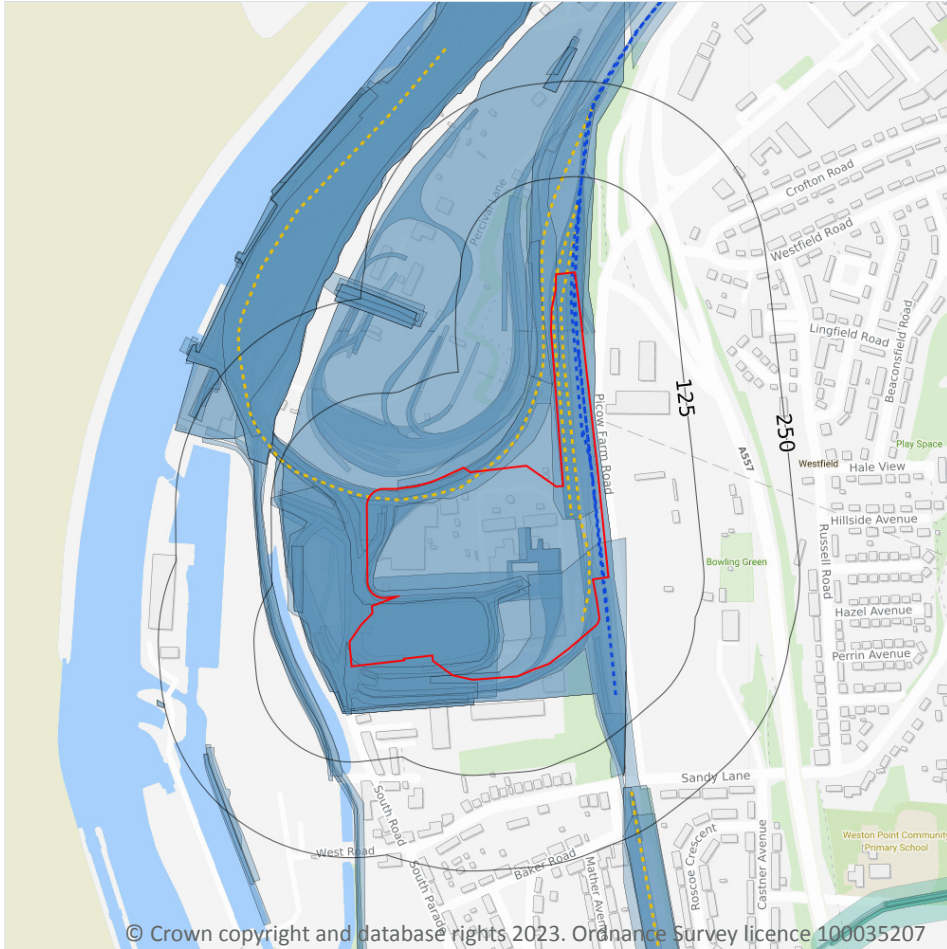
0

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

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

80

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

Features are displayed on the Railway infrastructure and projects map on [page 191 >](#)

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1994	1250
On site	Railway Sidings	1976	1250
On site	Railway Sidings	1960	1250
On site	Railway Sidings	1961	1250
On site	Railway Sidings	1962	2500
On site	Railway Sidings	1984	1250
On site	Railway Sidings	1990	1250
On site	Railway Sidings	1937	2500
On site	Railway Sidings	1979	1250
On site	Railway Sidings	1999	1250
On site	Railway Sidings	1907	2500
On site	Railway Sidings	1927	2500
On site	Railway Sidings	1899	2500
On site	Railway Sidings	1911	2500
On site	Railway Sidings	1938	10560
On site	Railway Sidings	1897	10560
On site	Railway Sidings	1925	10560



Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1905	10560
On site	Railway Sidings	1953	10560
On site	Railway Sidings	1968	10000
On site	Railway Sidings	1982	10000
On site	Railway Sidings	1908	10560
On site	Railway Sidings	1912	10560
On site	Railway Sidings	1894	10560
4m N	Railway Sidings	1897	10560
11m N	Railway Sidings	1899	2500
12m SE	Railway Sidings	1994	1250
12m SE	Railway Sidings	1999	1250
14m NW	Railway Sidings	1937	2500
15m NW	Railway Sidings	1961	1250
16m NW	Railway Sidings	1962	2500
25m N	Railway Sidings	1962	2500
41m N	Railway Sidings	1937	2500
46m SW	Railway Sidings	1984	1250
46m SW	Railway Sidings	1990	1250
62m SW	Railway Sidings	1953	10560
70m SE	Railway Sidings	1979	10000
72m W	Railway Sidings	1938	10560
94m SE	Railway Sidings	1984	1250
95m SE	Railway Sidings	1972	1250
110m N	Railway Sidings	1960	1250
110m N	Railway Sidings	1962	2500
115m NW	Railway Sidings	1937	2500
140m W	Railway Sidings	1938	10560
140m W	Railway Sidings	1925	10560



Location	Land Use	Year of mapping	Mapping scale
140m W	Railway Sidings	1905	10560
148m NW	Railway Sidings	1937	2500
163m N	Railway Sidings	1938	10560
163m NW	Railway Sidings	1894	10560
171m N	Railway Sidings	1908	10560
176m N	Railway Sidings	1938	10560
176m N	Railway Sidings	1925	10560
176m N	Railway Sidings	1905	10560
176m N	Railway Sidings	1925	10560
189m SE	Railway Sidings	1964	10560
189m SE	Railway Sidings	1994	10000
197m NW	Railway Sidings	1899	2500
197m NW	Railway Sidings	1911	2500
198m SE	Railway Sidings	1961	2500
198m SE	Railway Sidings	1961	1250
198m SE	Railway Sidings	1975	1250
198m SE	Railway Sidings	1937	2500
204m N	Railway Sidings	1962	2500
205m NW	Railway Sidings	1937	2500
208m NW	Railway Sidings	1960	1250
208m NW	Railway Sidings	1962	2500
209m SW	Railway Sidings	1908	10560
211m SW	Railway Sidings	1961	1250
211m NW	Railway Sidings	1960	1250
213m NW	Railway Sidings	1874	2500
220m SW	Railway Sidings	1927	2500
220m SW	Railway Sidings	1907	2500
227m SE	Railway Sidings	1968	10560



Location	Land Use	Year of mapping	Mapping scale
236m N	Railway Sidings	1938	10560
236m N	Railway Sidings	1925	10560
236m N	Railway Sidings	1905	10560
248m NW	Railway Sidings	1911	2500
249m NW	Railway Sidings	1899	2500
249m SW	Railway Sidings	1911	2500
249m SW	Railway Sidings	1937	2500

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

4

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

Features are displayed on the Railway infrastructure and projects map on [page 191 >](#)

Location	Description
On site	Abandoned
On site	Abandoned
On site	Abandoned
199m SE	Abandoned

This data is sourced from OpenStreetMap.



22.7 Railways

Records within 250m

17

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 191](#) >

Location	Name	Type
On site	Runcorn Dock Branch	rail
On site	Runcorn Dock Branch	rail
On site	Runcorn Dock Branch	rail
On site	Runcorn Dock Branch	rail
On site	Runcorn Dock Branch	rail
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track
5m E	Not given	Single Track
18m SE	Not given	Single Track
34m N	Not given	Single Track
88m N	Runcorn Dock Branch	rail
106m N	Not given	Single Track

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 1

Records within 500m

0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.



22.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

22.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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