



Appendix C

Plate Mill







Appendix C1

Enviro Insight Report







emapsite

Building A2 (Office 1052) Cody Technology
Park, Old Ively Road,
Farnborough, GU14 0LX

Groundsure Reference: EMS-546959_736033

Your Reference: EMS_546959_736033

Report Date 3 Jun 2019

Report Delivery Method: Email - pdf

Enviro Insight

Address: South Tees Development,

Dear Sir/ Madam,

Thank you for placing your order with Groundsure. Please find enclosed the **Groundsure Enviro Insight** as requested.

If you would like further assistance regarding this report then please contact the emapsite customer services team on 0118 9736883 quoting the above report reference number.

Yours faithfully,

emapsite customer services team

Enc.
Groundsure Enviroinsight

Address: South Tees Development,
Date: 3 Jun 2019
Reference: EMS-546959_736033
Client: emapsite

NW

N

NE

W

E



SW

S

SE

Aerial Photograph Capture date: 06-May-2016
Grid Reference: 455614,521550
Site Size: 24.7323ha

Report Reference: EMS-546959_736033
Client Reference: EMS_546959_736033

Contents Page

Contents Page	3
Overview of Findings	6
Using this report	10
1. Historical Land Use	11
1. Historical Industrial Sites	12
1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping	12
1.2 Additional Information – Historical Tank Database	17
1.3 Additional Information – Historical Energy Features Database	25
1.4 Additional Information – Historical Petrol and Fuel Site Database	27
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	27
1.6 Historical military sites	27
1.7 Potentially Infilled Land	27
2. Environmental Permits, Incidents and Registers Map	30
2. Environmental Permits, Incidents and Registers	31
2.1 Industrial Sites Holding Licences and/or Authorisations	31
2.1.1 Records of historic IPC Authorisations within 500m of the study site	31
2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site	33
2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site	34
2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site	34
2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site	35
2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site	35
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	36
2.1.8 Records of Licensed Discharge Consents within 500m of the study site	37
2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site	39
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	39
2.2 Dangerous or Hazardous Sites	40
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents	41
2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site	41
2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site	41
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	42
3. Landfill and Other Waste Sites Map	43
3. Landfill and Other Waste Sites	44
3.1 Landfill Sites	44
3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site	44
3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site	45
3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site	46
3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site	46
3.2 Other Waste Sites	47
3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site	47
3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site	47
4. Current Land Use Map	54
4. Current Land Uses	55
4.1 Current Industrial Data	55
4.2 Petrol and Fuel Sites	58
4.3 National Grid High Voltage Underground Electricity Transmission Cables	59
4.4 National Grid High Pressure Gas Transmission Pipelines	59

5. Geology	60
5.1 Artificial Ground and Made Ground.....	60
5.2 Superficial Ground and Drift Geology	60
5.3 Bedrock and Solid Geology	60
6 Hydrogeology and Hydrology	61
6a. Aquifer Within Superficial Geology	61
6b. Aquifer Within Bedrock Geology and Abstraction Licences	62
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences	63
6d. Hydrogeology – Source Protection Zones within confined aquifer	64
6e. Hydrology – Watercourse Network and River Quality	65
6.Hydrogeology and Hydrology	66
6.1 Aquifer within Superficial Deposits.....	66
6.2 Aquifer within Bedrock Deposits.....	66
6.3 Groundwater Abstraction Licences.....	67
6.4 Surface Water Abstraction Licences.....	67
6.5 Potable Water Abstraction Licences.....	67
6.6 Source Protection Zones.....	67
6.7 Source Protection Zones within Confined Aquifer.....	68
6.8 Groundwater Vulnerability and Soil Leaching Potential.....	68
6.9 River Quality.....	68
6.9.1 Biological Quality:.....	68
6.9.2 Chemical Quality:.....	68
6.10 Ordnance Survey MasterMap Water Network.....	69
6.11 Surface Water Features.....	75
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)	76
7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS)	77
Map	77
7 Flooding	78
7.1 River and Coastal Zone 2 Flooding.....	78
7.2 River and Coastal Zone 3 Flooding.....	78
7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating.....	78
7.4 Flood Defences.....	78
7.5 Areas benefiting from Flood Defences.....	78
7.6 Areas benefiting from Flood Storage.....	79
7.7 Groundwater Flooding Susceptibility Areas.....	79
7.8 Groundwater Flooding Confidence Areas.....	79
8. Designated Environmentally Sensitive Sites Map	80
8. Designated Environmentally Sensitive Sites	81
8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:.....	81
8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:.....	81
8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:.....	81
8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:.....	81
8.5 Records of Ramsar sites within 2000m of the study site:.....	82
8.6 Records of Ancient Woodland within 2000m of the study site:	82
8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:.....	82
8.8 Records of World Heritage Sites within 2000m of the study site:.....	82
8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:	82
8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:	82
8.11 Records of National Parks (NP) within 2000m of the study site:	82
8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:.....	83
8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:.....	83



8.14 Records of Green Belt land within 2000m of the study site:..... 83

9. Natural Hazards Findings 84

9.1 Detailed BGS GeoSure Data..... 84

9.1.1 Shrink Swell..... 84

9.1.2 Landslides..... 84

9.1.3 Soluble Rocks..... 84

9.1.4 Compressible Ground..... 85

9.1.5 Collapsible Rocks..... 85

9.1.6 Running Sand..... 85

9.2 Radon..... 86

9.2.1 Radon Affected Areas..... 86

9.2.2 Radon Protection..... 86

10. Mining 87

10.1 Coal Mining..... 87

10.2 Non-Coal Mining..... 87

10.3 Brine Affected Areas 87

Contact Details 88

Standard Terms and Conditions 90

Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Section 1: Historical Industrial Sites	On-site	0-50	51-250	251-500
1.1 Potentially Contaminative Uses identified from 1:10,000 scale mapping	23	9	86	88
1.2 Additional Information – Historical Tank Database	9	34	107	234
1.3 Additional Information – Historical Energy Features Database	2	0	18	38
1.4 Additional Information – Historical Petrol and Fuel Site Database	0	0	0	0
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database	0	0	0	2
1.6 Historical military sites	0	0	0	0
1.7 Potentially Infilled Land	8	10	49	21
Section 2: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
2.1.1 Records of historic IPC Authorisations	0	3	13	2
2.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	10	0
2.1.3 Records of Red List Discharge Consents	0	0	0	0
2.1.4 Records of List 1 Dangerous Substances Inventory sites	0	0	1	0
2.1.5 Records of List 2 Dangerous Substances Inventory sites	0	0	0	1
2.1.6 Records of Part A(2) and Part B Activities and Enforcements	0	0	0	6
2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	8	2
2.1.8 Records of Licensed Discharge Consents	0	0	7	6
2.1.9 Records of Water Industry Referrals	0	0	0	0
2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site	0	0	3	2
2.2 Records of COMAH and NIHHS sites	2	0	5	0
2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents				
2.3.1 National Incidents Recording System, List 2	0	0	0	6
2.3.2 National Incidents Recording System, List 1	0	0	0	0
2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 3: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-1500
3.1 Landfill Sites						
3.1.1 Environment Agency/Natural Resources Wales Registered Landfill Sites	0	0	1	1	3	Not searched
3.1.2 Environment Agency/Natural Resources Wales Historic Landfill Sites	0	2	1	2	0	3
3.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
3.1.4 Records of Landfills in Local Authority and Historical Mapping Records	0	0	0	0	0	5
3.2 Landfill and Other Waste Sites Findings						
3.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	1	Not searched	Not searched
3.2.2 Environment Agency/Natural Resources Wales Licensed Waste Sites	0	0	2	5	10	19

Section 4: Current Land Use	On-site	0-50m	51-250	251-500
4.1 Current Industrial Sites Data	14	20	52	Not searched
4.2 Records of Petrol and Fuel Sites	0	0	0	0
4.3 National Grid Underground Electricity Cables	0	0	4	2
4.4 National Grid Gas Transmission Pipelines	0	0	0	0

Section 5: Geology	
5.1 Records of Artificial Ground and Made Ground present beneath the study site	Identified
5.2 Records of Superficial Ground and Drift Geology present beneath the study site	Identified
5.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 6: Hydrogeology and Hydrology	0-500m					
6.1 Records of Strata Classification in the Superficial Geology within 500m of the study site	Identified					
6.2 Records of Strata Classification in the Bedrock Geology within 500m of the study site	Identified					
	On-site	0-50m	51-250	251-500	501-1000	1000-2000
6.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	2
6.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	0
6.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
6.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
6.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	0	0	1	0	Not searched	Not searched

Section 6: Hydrogeology and Hydrology

0-500m

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
6.9 Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site	No	No	No	No	No	No
6.10 Ordnance Survey MasterMap Water Network entries within 500m of the site	6	0	32	40	Not searched	Not searched
6.11 Surface water features within 250m of the study site	Yes	No	Yes	Not searched	Not searched	Not searched

Section 7: Flooding

7.1 Environment Agency Zone 2 floodplains within 250m of the study site	None identified					
7.2 Environment Agency/Natural Resources Wales Zone 3 floodplains within 250m of the study site	None identified					
7.3 Risk of flooding from Rivers and the Sea (RoFRaS) rating for the study site	Very Low					
7.4 Flood Defences within 250m of the study site	None identified					
7.5 Areas benefiting from Flood Defences within 250m of the study site	None identified					
7.6 Areas used for Flood Storage within 250m of the study site	None identified					
7.7 Maximum BGS Groundwater Flooding susceptibility within 50m of the study site	Potential at Surface					
7.8 BGS confidence rating for the Groundwater Flooding susceptibility areas	Moderate					

Section 8: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	2	1
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.5 Records of Ramsar sites	0	0	0	0	0	0
8.6 Records of Ancient Woodlands	0	0	0	0	0	0
8.7 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.8 Records of World Heritage Sites	0	0	0	0	0	0
8.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0

Section 8: Designated Environmentally Sensitive Sites	On-site	0-50m	51-250	251-500	501-1000	1000-2000
8.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.11 Records of National Parks	0	0	0	0	0	0
8.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
8.13 Records of Nitrate Vulnerable Zones	0	0	0	0	0	0
8.14 Records of Green Belt land	0	0	0	0	0	0

Section 9: Natural Hazards

9.1 Maximum risk of natural ground subsidence	Moderate
9.1.1 Maximum Shrink-Swell hazard rating identified on the study site	Low
9.1.2 Maximum Landslides hazard rating identified on the study site	Very Low
9.1.3 Maximum Soluble Rocks hazard rating identified on the study site	Negligible
9.1.4 Maximum Compressible Ground hazard rating identified on the study site	Moderate
9.1.5 Maximum Collapsible Rocks hazard rating identified on the study site	Very Low
9.1.6 Maximum Running Sand hazard rating identified on the study site	Very Low
9.2 Radon	
9.2.1 Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.
9.2.2 Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary.

Section 10: Mining

10.1 Coal mining areas within 75m of the study site	None identified
10.2 Non-Coal Mining areas within 50m of the study site boundary	Identified
10.3 Brine affected areas within 75m of the study site	None identified

Using this report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between Groundsure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 500m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure gas pipelines and underground electricity transmission lines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on productive strata within the bedrock and superficial geological layers, abstraction licences, Source Protection Zones (SPZs) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on river and coastal flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

9. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon..

10. Mining

Provides information on areas of coal and non-coal mining and brine affected areas.

11. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, Groundsure provide a free Technical Helpline (08444 159000) for further information and guidance.

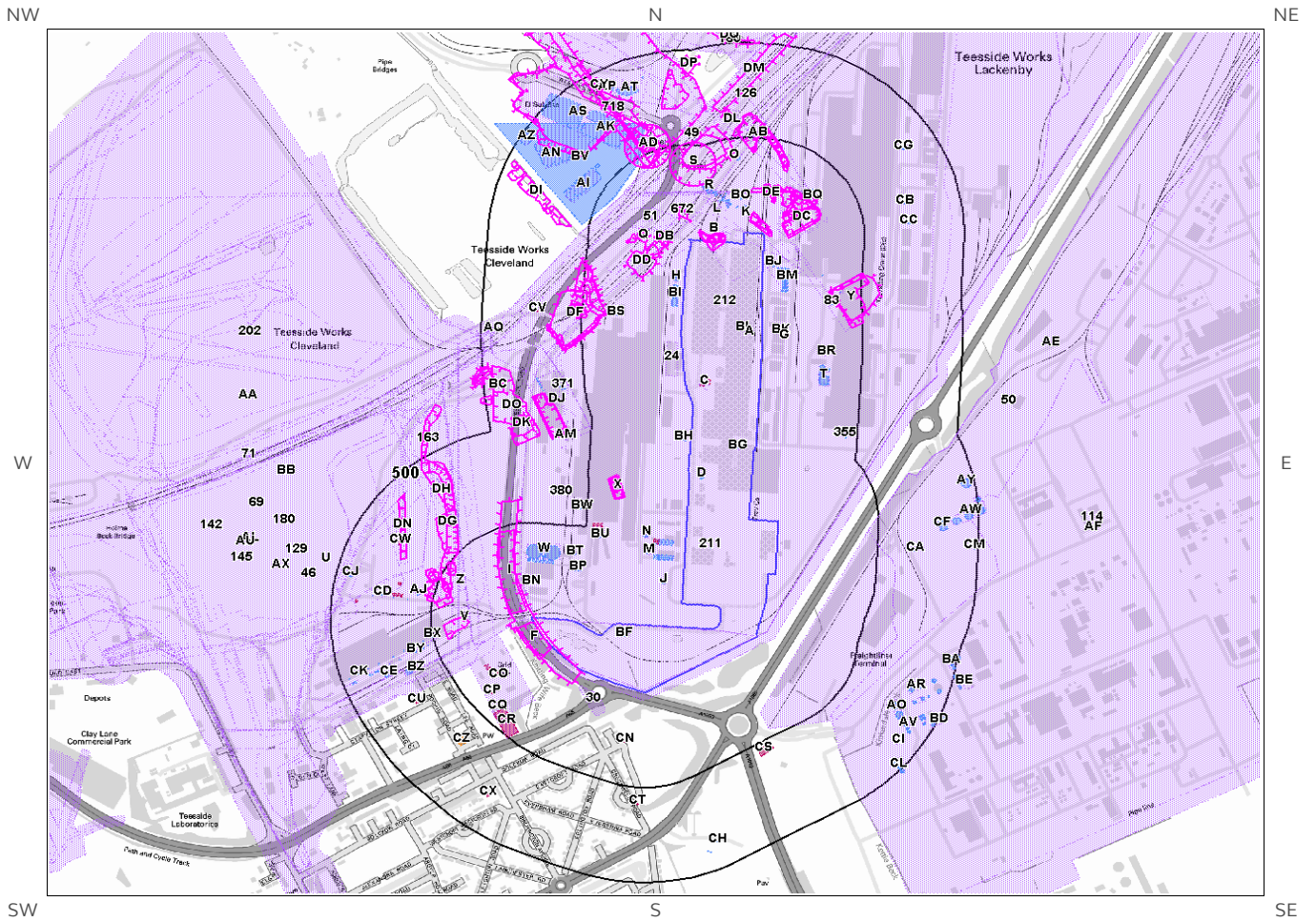
Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

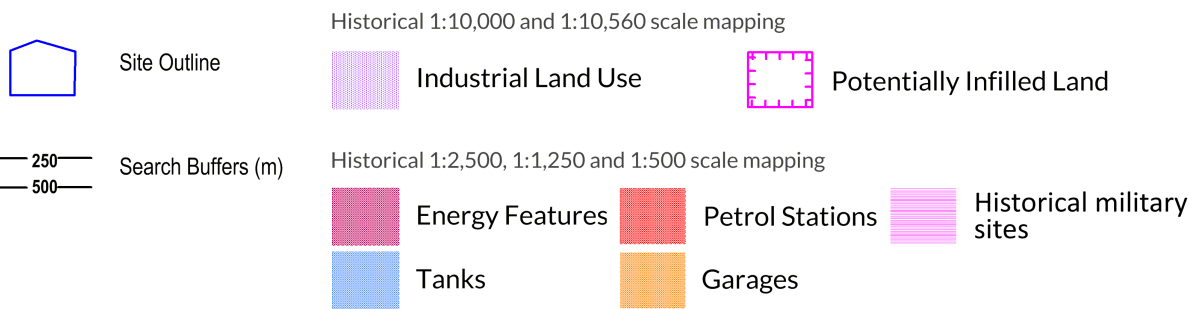
Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Land Use



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from 1:10,000 scale Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 500m of the search boundary: 206

ID	Distance [m]	Direction	Use	Date
1E	0	On Site	Railway Sidings	1913
2B	0	On Site	Iron Works	1913
3L	0	On Site	Railway Sidings	1893
4K	0	On Site	Iron Works	1893
5G	0	On Site	Electricity Substation	1991
6A	0	On Site	Railway Sidings	1983
7A	0	On Site	Railway Sidings	1991
8BK	0	On Site	Unspecified Works	1974
9BL	0	On Site	Railway Sidings	1974
10B	0	On Site	Unspecified Ground Workings	1952
11B	0	On Site	Iron Works	1930
12C	0	On Site	Electric Substation	1983
13C	0	On Site	Electricity Substation	1991
14BG	0	On Site	Unspecified Tank	1974
15D	0	On Site	Unspecified Tank	1991
16D	0	On Site	Unspecified Tank	1983
17E	0	On Site	Railway Sidings	1930
18B	0	On Site	Unspecified Pit	1930
19F	0	On Site	Cuttings	1991
20DA	0	On Site	Cuttings	1952
21F	0	On Site	Cuttings	1983
22F	0	On Site	Cuttings	1974
23G	0	On Site	Unspecified Works	1983
24	11	W	Electric Substation	1974
25H	16	W	Unspecified Tank	1991
26H	16	W	Unspecified Tank	1983
27I	22	NW	Cuttings	1991
28I	22	NW	Cuttings	1983
29I	22	NW	Cuttings	1974
30	37	S	Unspecified Works	1974
31J	44	W	Unspecified Tank	1983
32J	44	W	Unspecified Tank	1991
33K	59	N	Unspecified Tank	1913

34L	74	NW	Unspecified Tanks	1930
35L	74	NW	Unspecified Tanks	1913
36DD	75	W	Unspecified Heap	1893
37L	76	NW	Unspecified Tanks	1930
38L	78	NW	Unspecified Tanks	1913
39M	82	W	Unspecified Tanks	1991
40M	82	W	Unspecified Tanks	1974
41M	82	W	Unspecified Tanks	1983
42N	90	W	Unspecified Tanks	1983
43N	90	W	Unspecified Tanks	1974
44N	90	W	Unspecified Tanks	1991
45CO	93	SW	Electricity Substation	1952
46	96	W	Steel Works	1913
47L	99	NW	Unspecified Tank	1930
48Q	101	W	Unspecified Heap	1913
49	102	N	Railway Sidings	1927
50	104	SE	Railway Sidings	1991
51	104	NW	Chimney	1913
52P	105	N	Railway Sidings	1893
53O	107	N	Slag Wool Works	1927
54O	107	N	Slag Wool Works	1913
55P	107	N	Railway Sidings	1913
56Q	128	W	Unspecified Pit	1913
57U	129	W	Steel Works	1927
58R	132	N	Unspecified Tanks	1913
59AX	133	W	Steel Works	1955
60R	133	N	Unspecified Tanks	1927
61Z	134	NW	Pumping Station	1927
62S	143	N	Tunnel	1991
63S	143	N	Tunnel	1983
64BQ	143	NE	Unspecified Heap	1952
65T	145	E	Unspecified Tanks	1991
66T	145	E	Unspecified Tanks	1974
67T	145	E	Unspecified Tanks	1983
68U	151	W	Steel Works	1950
69	151	W	Railway Sidings	1950
70V	151	W	Railway Sidings	1952
71	154	W	Railway Sidings	1927
72BR	155	E	Chimney	1974
73V	156	W	Refuse Heap	1927
74W	157	N	Unspecified Tanks	1991
75W	157	N	Unspecified Tanks	1983
76X	159	W	Refuse Heap	1952
77X	162	W	Refuse Heap	1930
78T	164	E	Unspecified Tank	1991
79T	164	E	Unspecified Tank	1974

80T	164	E	Unspecified Tank	1983
81Y	167	E	Brick Works	1930
82Y	171	E	Unspecified Tank	1983
83	171	E	Unspecified Tank	1974
84Y	171	E	Brick Works	1952
85AB	174	N	Refuse Heap	1927
86Z	182	NW	Pumping Station	1950
87AL	183	W	Railway Sidings	1955
88AA	183	W	Railway Sidings	1992
89AA	183	W	Railway Sidings	1988
90AB	184	N	Refuse Heap	1952
91S	187	NW	Refuse Heap	1913
92S	187	NW	Refuse Heap	1927
93CQ	191	SW	Electricity Substation	1991
94AC	193	W	Unspecified Ground Workings	1913
95AC	193	W	Unspecified Ground Workings	1930
96S	195	N	Refuse Heap	1952
97Y	196	E	Unspecified Tank	1930
98CR	196	SW	Unspecified Depot	1991
99U	198	W	Unspecified Commercial/Industrial	1992
100U	198	W	Unspecified Commercial/Industrial	1988
101DF	198	W	Unspecified Pit	1893
102Y	198	E	Unspecified Tank	1952
103AH	201	W	Unspecified Ground Workings	1913
104AD	209	NW	Tunnel	1991
105AD	209	NW	Tunnel	1983
106AC	209	W	Unspecified Ground Workings	1952
107DG	211	W	Cuttings	1950
108AS	218	NW	Refuse Heap	1952
109Z	219	NW	Cooling Pond	1927
110AE	225	E	Railway Sidings	1983
111AE	225	E	Railway Sidings	1974
112AF	225	E	Unspecified Works	1991
113AF	225	E	Unspecified Works	1983
114	225	E	Unspecified Works	1974
115AP	234	N	Refuse Heaps	1927
116DJ	247	W	Unspecified Commercial/Industrial	1930
117AG	248	W	Railway Sidings	1952
118DH	249	NW	Refuse Heap	1955
119AG	252	W	Power Station	1913
120AH	253	W	Railway Sidings	1930

121DL	255	N	Slag Wool Works	1952
122AI	271	NW	Unspecified Tanks	1983
123AI	271	NW	Unspecified Tanks	1974
124AJ	284	W	Unspecified Tank	1988
125AJ	284	W	Unspecified Tank	1992
126	287	N	Railway Sidings	1952
127AK	294	NW	Unspecified Tanks	1983
128AK	294	NW	Unspecified Tanks	1974
129	302	NW	Steel Works	1913
130AL	302	NW	Railway Sidings	1913
131AM	309	W	Chimney	1974
132AM	309	W	Chimney	1983
133AM	309	W	Chimney	1991
134AM	310	W	Chimney	1991
135AM	310	W	Chimney	1983
136AM	310	W	Chimney	1974
137AM	310	W	Chimney	1974
138AM	310	W	Chimney	1991
139AM	310	W	Chimney	1983
140DM	322	N	Cuttings	1952
141AU	333	W	Steel Works	1897
142	340	NW	Railway Sidings	1923
143DN	348	NW	Refuse Heap	1913
144AQ	348	W	Railway Sidings	1952
145	351	NW	Railway Sidings	1913
146AN	364	NW	Unspecified Tanks	1974
147AN	364	NW	Unspecified Tanks	1983
148AO	370	SE	Unspecified Tanks	1991
149AO	370	SE	Unspecified Tanks	1983
150DO	376	W	Old Clay Pits	1913
151AP	377	N	Oil Supply Terminal	1974
152AP	377	N	Oil Supply Terminal	1983
153AQ	394	W	Railway Sidings	1893
154DK	394	W	Unspecified Heaps	1893
155AR	396	E	Unspecified Tanks	1991
156AR	396	E	Unspecified Tanks	1974
157AR	396	E	Unspecified Tanks	1983
158AS	400	NW	Unspecified Tanks	1974
159AS	400	NW	Unspecified Tanks	1983
160	400	N	Railway Sidings	1927
161AT	408	N	Unspecified Tanks	1974
162AT	408	N	Unspecified Tanks	1983
163	413	NW	Engineering Works	1927
164AU	419	NW	Steel Works	1923
165AO	420	SE	Unspecified Tanks	1991
166AO	420	SE	Unspecified Tanks	1983

167AO	420	SE	Unspecified Tanks	1974
168AV	421	SE	Unspecified Tanks	1991
169AV	421	SE	Unspecified Tanks	1983
170AW	427	E	Unspecified Tanks	1991
171AW	427	E	Unspecified Tanks	1983
172CI	442	SE	Unspecified Tank	1974
173AR	451	E	Unspecified Tank	1991
174AR	451	E	Unspecified Tank	1983
175AR	451	E	Unspecified Tank	1974
176BC	451	W	Refuse Heap	1893
177AV	453	SE	Unspecified Tanks	1991
178AV	453	SE	Unspecified Tanks	1983
179AV	453	SE	Unspecified Tanks	1974
180	453	NW	Steel Works	1913
181AX	461	NW	Railway Sidings	1913
182BB	465	W	Railway Sidings	1897
183AY	465	E	Unspecified Tank	1991
184AY	465	E	Unspecified Tank	1983
185AZ	471	NW	Unspecified Tank	1974
186AZ	471	NW	Unspecified Tank	1983
187AR	471	E	Unspecified Tank	1991
188AR	471	E	Unspecified Tank	1983
189AR	471	E	Unspecified Tank	1974
190BA	472	E	Unspecified Tanks	1991
191BA	472	E	Unspecified Tanks	1983
192BA	472	E	Unspecified Tanks	1974
193AU	473	W	Steel Works	1893
194BB	473	W	Railway Sidings	1893
195BC	478	W	Unspecified Pit	1913
196BC	482	W	Unspecified Heap	1913
197BC	483	W	Unspecified Pit	1893
198BD	485	SE	Unspecified Tanks	1991
199BD	485	SE	Unspecified Tanks	1974
200BD	485	SE	Unspecified Tanks	1983
201DQ	495	N	Refuse Heap	1952
202	497	W	Bank Works	1913
203BC	498	W	Unspecified Pit	1897
204BE	499	E	Unspecified Tanks	1991
205BE	499	E	Unspecified Tanks	1974
206BE	499	E	Unspecified Tanks	1983

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 500m of the search boundary:

384

ID	Distance (m)	Direction	Use	Date
207BF	0	On Site	Unspecified Tank	1987
208BF	0	On Site	Unspecified Tank	1983
209D	0	On Site	Unspecified Tank	1983
210D	0	On Site	Unspecified Tank	1989
211	0	On Site	Unspecified Tank	1990
212	0	On Site	Unspecified Tank	1994
213BG	0	On Site	Unspecified Tank	1971
214D	0	On Site	Unspecified Tank	1993
215BF	0	On Site	Unspecified Tank	1993
216BH	11	W	Tanks	1989
217BH	12	W	Tanks	1993
218BI	14	W	Tanks	1994
219H	14	W	Unspecified Tank	1994
220H	15	W	Tanks	1982
221BI	15	W	Tanks	1982
222H	15	W	Unspecified Tank	1982
223BJ	23	E	Cooling Tank	1982
224BJ	24	E	Cooling Tank	1970
225M	28	W	Unspecified Tank	1966
226M	28	W	Unspecified Tank	1966
227M	28	W	Unspecified Tank	1984
228M	28	W	Unspecified Tank	1981
229M	28	W	Unspecified Tank	1990
230M	28	W	Unspecified Tank	1984
231M	28	W	Unspecified Tank	1981
232M	28	W	Unspecified Tank	1990
233M	31	W	Unspecified Tank	1990
234M	31	W	Unspecified Tank	1984
235M	31	W	Unspecified Tank	1981
236M	31	W	Unspecified Tank	1984
237M	31	W	Unspecified Tank	1990
238M	31	W	Unspecified Tank	1981
239BJ	36	E	Cooling Tank	1982
240BJ	36	E	Unspecified Tank	1982
241BJ	36	E	Cooling Tank	1970
242BJ	37	E	Unspecified Tank	1970
243BJ	37	E	Unspecified Tank	1982

244BJ	38	E	Unspecified Tank	1970
245J	43	W	Unspecified Tank	1990
246J	43	W	Unspecified Tank	1981
247J	43	W	Unspecified Tank	1984
248BK	50	E	Tanks	1982
249BJ	50	E	Cooling Tank	1982
250BK	51	E	Tanks	1970
251BJ	51	E	Cooling Tank	1970
252BL	55	NE	Unspecified Tank	1915
253BJ	56	E	Cooling Tank	1982
254BM	57	E	Cooling Tank	1970
255BK	61	E	Tanks	1982
256K	61	N	Unspecified Tank	1929
257K	63	N	Unspecified Tank	1915
258K	63	N	Unspecified Tank	1894
259M	64	W	Unspecified Tank	1993
260M	64	W	Unspecified Tank	1993
261M	64	W	Unspecified Tank	1987
262BM	65	E	Unspecified Tank	1982
263K	65	N	Unspecified Tank	1915
264K	65	N	Unspecified Tank	1929
265BM	66	E	Unspecified Tank	1970
266M	67	W	Unspecified Tank	1987
267M	67	W	Unspecified Tank	1987
268K	68	N	Unspecified Tank	1915
269K	68	N	Unspecified Tank	1894
270K	71	N	Unspecified Tank	1894
271K	71	N	Unspecified Tank	1915
272K	78	NW	Tanks	1929
273K	81	NW	Unspecified Tank	1915
274M	82	W	Unspecified Tank	1973
275BN	87	N	Unspecified Tank	1993
276BN	88	N	Unspecified Tank	1987
277BN	88	N	Unspecified Tank	1983
278L	88	NW	Unspecified Tank	1894
279L	89	NW	Unspecified Tank	1915
280BO	89	N	Unspecified Tank	1894
281N	90	W	Unspecified Tank	1983
282N	91	W	Unspecified Tank	1973
283BO	92	NW	Unspecified Tank	1894
284BO	95	NW	Tanks	1915
285BO	100	NW	Unspecified Tank	1929
286BO	105	NW	Unspecified Tank	1915
287BO	105	NW	Unspecified Tank	1894
288BO	111	NW	Unspecified Tank	1929
289BO	113	NW	Unspecified Tank	1894

290BO	113	NW	Unspecified Tank	1915
291BO	118	NW	Unspecified Tank	1915
292BO	121	N	Unspecified Tank	1894
293R	123	N	Unspecified Tank	1929
294R	125	N	Unspecified Tank	1894
295R	125	N	Unspecified Tank	1927
296R	125	N	Unspecified Tank	1893
297R	125	N	Unspecified Tank	1915
298R	127	N	Unspecified Tank	1915
299BO	127	NW	Unspecified Tank	1915
300BO	127	NW	Unspecified Tank	1893
301R	131	N	Tanks	1893
302R	132	N	Unspecified Tank	1927
303R	132	N	Unspecified Tank	1893
304R	132	N	Unspecified Tank	1915
305BP	133	N	Tanks	1993
306R	133	N	Tanks	1915
307R	133	N	Tanks	1927
308BP	133	N	Tanks	1987
309BQ	136	NE	Unspecified Tank	1982
310T	147	E	Tanks	1959
311T	147	E	Tanks	1971
312T	147	E	Tanks	1959
313T	147	E	Tanks	1993
314W	147	N	Tanks	1993
315T	147	E	Tanks	1983
316T	147	E	Tanks	1989
317G	149	E	Unspecified Tank	1982
318W	149	N	Tanks	1993
319W	150	N	Tanks	1983
320W	150	N	Tanks	1987
321G	150	E	Unspecified Tank	1970
322W	154	N	Tanks	1987
323W	154	N	Unspecified Tank	1987
324W	156	N	Unspecified Tank	1993
325W	156	N	Unspecified Tank	1993
326W	156	N	Unspecified Tank	1987
327W	156	N	Unspecified Tank	1987
328BR	157	E	Tanks	1989
329BR	157	E	Tanks	1983
330BR	158	E	Tanks	1993
331W	159	N	Unspecified Tank	1993
332W	159	N	Unspecified Tank	1987
333BQ	160	NE	Cooling Tank	1982
334W	160	N	Unspecified Tank	1983
335BS	161	W	Unspecified Tank	1994

336BS	162	W	Unspecified Tank	1984
337T	163	E	Unspecified Tank	1971
338T	163	E	Unspecified Tank	1993
339T	164	E	Unspecified Tank	1989
340T	164	E	Unspecified Tank	1983
341Y	171	E	Unspecified Tank	1982
342Y	172	E	Unspecified Tank	1970
343BT	173	N	Unspecified Tank	1993
344BT	173	N	Unspecified Tank	1987
345BT	180	N	Unspecified Tank	1993
346BT	180	N	Unspecified Tank	1987
347O	191	N	Unspecified Tank	1927
348Y	196	E	Unspecified Tank	1929
349BU	213	W	Unspecified Tank	1987
350BU	213	W	Unspecified Tank	1993
351Z	214	NW	Unspecified Tank	1952
352Z	214	NW	Unspecified Tank	1952
353BV	215	NW	Tank Farm	1973
354BV	217	NW	Tank Farm	1984
355	219	E	Tanks	1993
356BX	250	W	Unspecified Tank	1929
357BW	264	W	Unspecified Tank	1993
358BW	264	W	Unspecified Tank	1987
359BX	266	W	Unspecified Tank	1952
360BX	266	W	Unspecified Tank	1952
361AI	272	NW	Tanks	1973
362AI	274	NW	Tanks	1984
363BX	276	W	Unspecified Tank	1929
364BX	278	W	Unspecified Tank	1952
365BX	278	W	Unspecified Tank	1952
366AJ	285	W	Unspecified Tank	1983
367AJ	286	W	Unspecified Tank	1971
368AI	287	NW	Tanks	1973
369BV	293	NW	Tanks	1973
370BV	294	NW	Tanks	1984
371	298	W	Tanks	1929
372BY	298	W	Unspecified Tank	1952
373BY	298	W	Unspecified Tank	1952
374AI	301	W	Tanks	1973
375BX	302	W	Unspecified Tank	1929
376AK	303	NW	Oil Tanks	1965
377AK	303	NW	Tanks	1973
378AK	304	NW	Tanks	1984
379AJ	310	W	Unspecified Tank	1929
380	314	W	Unspecified Tank	1994
381BZ	314	SW	Unspecified Tank	1952

382BZ	315	SW	Unspecified Tank	1952
383BZ	315	SW	Unspecified Tank	1952
384BZ	315	SW	Unspecified Tank	1952
385AI	320	NW	Tanks	1973
386BY	327	W	Unspecified Tank	1929
387BZ	328	SW	Cooling Tank	1952
388BZ	328	SW	Cooling Tank	1952
389CA	339	E	Unspecified Tank	1983
390CA	339	E	Unspecified Tank	1988
391CA	340	E	Unspecified Tank	1987
392CA	340	E	Unspecified Tank	1993
393BY	344	W	Unspecified Tank	1952
394AS	344	NW	Tanks	1965
395AS	344	NW	Tanks	1971
396BY	344	W	Unspecified Tank	1952
397AJ	345	W	Unspecified Tank	1929
398AG	353	W	Tanks	1952
399AG	353	W	Tanks	1952
400BY	357	W	Unspecified Tank	1929
401CB	358	E	Unspecified Tank	1982
402CC	358	E	Tanks	1999
403CB	358	E	Unspecified Tank	1999
404CB	359	E	Unspecified Tank	1989
405CC	360	E	Tanks	1989
406AN	367	NW	Tanks	1973
407AN	368	NW	Unspecified Tank	1984
408BY	372	W	Unspecified Tank	1952
409BY	372	W	Unspecified Tank	1952
410CD	372	W	Tanks	1952
411CD	373	W	Tanks	1952
412CD	376	W	Unspecified Tank	1959
413CD	376	W	Unspecified Tank	1959
414AO	378	SE	Unspecified Tank	1984
415CE	379	SW	Cooling Tank	1952
416CE	379	SW	Cooling Tank	1952
417AO	379	SE	Unspecified Tank	1987
418AO	380	SE	Unspecified Tank	1993
419CD	380	W	Unspecified Tank	1929
420CD	386	W	Unspecified Tank	1952
421CD	387	W	Unspecified Tank	1952
422AN	393	NW	Unspecified Tank	1984
423CF	396	E	Tanks	1988
424CF	396	E	Tanks	1983
425CE	398	W	Unspecified Tank	1929
426CF	398	E	Tanks	1987
427CD	398	W	Unspecified Tank	1929

428CF	398	E	Tanks	1993
429AR	399	E	Tanks	1983
430AR	399	E	Tanks	1988
431AO	399	SE	Unspecified Tank	1984
432AR	400	E	Tanks	1975
433AR	400	E	Tanks	1987
434AR	400	E	Unspecified Tank	1993
435AO	400	SE	Unspecified Tank	1987
436AO	401	SE	Unspecified Tank	1993
437CE	405	W	Unspecified Tank	1952
438AS	406	NW	Oil Tank	1965
439AS	406	NW	Unspecified Tank	1973
440CE	406	W	Unspecified Tank	1952
441AS	406	NW	Unspecified Tank	1984
442AT	409	N	Tanks	1971
443AS	411	NW	Tanks	1971
444AS	411	NW	Tanks	1965
445CG	413	NE	Unspecified Tank	1989
446CG	413	NE	Unspecified Tank	1999
447AR	416	E	Tanks	1983
448AR	416	E	Tanks	1988
449AR	417	E	Tanks	1987
450AR	417	E	Tanks	1975
451AR	417	E	Unspecified Tank	1993
452CE	422	W	Unspecified Tank	1952
453AO	423	SE	Unspecified Tank	1984
454AO	423	SE	Unspecified Tank	1984
455AO	424	SE	Unspecified Tank	1970
456AO	424	SE	Tanks	1987
457CE	424	W	Unspecified Tank	1952
458AO	424	SE	Unspecified Tank	1967
459AV	425	SE	Tanks	1984
460AO	425	SE	Unspecified Tank	1993
461AV	425	SE	Tanks	1987
462CE	426	W	Unspecified Tank	1929
463AV	427	SE	Tanks	1993
464CH	431	SE	Unspecified Tank	1990
465CH	431	SE	Unspecified Tank	1988
466CH	431	SE	Unspecified Tank	1976
467CH	431	SE	Unspecified Tank	1964
468AN	433	NW	Unspecified Tank	1984
469AT	434	NW	Tanks	1971
470AW	434	E	Unspecified Tank	1988
471AW	434	E	Unspecified Tank	1983
472AW	435	E	Unspecified Tank	1987
473AW	436	E	Unspecified Tank	1993

474AO	438	E	Unspecified Tank	1984
475AO	438	E	Unspecified Tank	1984
476AO	439	E	Unspecified Tank	1970
477AO	439	E	Tanks	1987
478AO	439	E	Unspecified Tank	1967
479AO	439	E	Unspecified Tank	1993
480AT	440	N	Unspecified Tank	1971
481CI	444	SE	Unspecified Tank	1984
482CI	444	SE	Unspecified Tank	1970
483CH	445	S	Tanks	1964
484CI	445	SE	Unspecified Tank	1967
485AR	449	E	Unspecified Tank	1983
486AR	449	E	Unspecified Tank	1988
487AR	450	E	Unspecified Tank	1960
488AR	450	E	Unspecified Tank	1987
489AR	450	E	Unspecified Tank	1975
490AR	450	E	Unspecified Tank	1961
491AR	451	E	Unspecified Tank	1993
492AR	452	E	Unspecified Tank	1984
493AR	452	E	Unspecified Tank	1984
494AR	452	E	Unspecified Tank	1967
495AR	452	E	Unspecified Tank	1987
496AR	452	E	Unspecified Tank	1970
497AR	453	E	Unspecified Tank	1993
498CK	453	W	Unspecified Tank	1929
499BD	455	SE	Tanks	1987
500BD	455	SE	Tanks	1984
501BD	455	SE	Tanks	1984
502BD	455	SE	Tanks	1970
503BD	456	SE	Tanks	1967
504BD	457	SE	Tanks	1993
505BD	460	SE	Tanks	1987
506BD	460	SE	Tanks	1967
507BD	461	SE	Tanks	1987
508CJ	461	W	Unspecified Tank	1952
509CJ	461	W	Unspecified Tank	1952
510AV	462	SE	Tanks	1967
511AW	465	E	Unspecified Tank	1983
512AW	465	E	Unspecified Tank	1988
513AV	465	SE	Tanks	1987
514AV	466	SE	Tanks	1967
515CK	466	W	Tanks	1952
516CK	466	W	Tanks	1952
517AW	466	E	Unspecified Tank	1987
518AY	466	E	Unspecified Tank	1984
519AY	466	E	Unspecified Tank	1983

520AY	466	E	Unspecified Tank	1983
521AY	467	E	Unspecified Tank	1984
522AW	467	E	Unspecified Tank	1993
523AY	467	E	Unspecified Tank	1994
524AR	469	E	Unspecified Tank	1988
525AR	469	E	Unspecified Tank	1983
526AR	470	E	Unspecified Tank	1975
527AR	470	E	Unspecified Tank	1960
528AR	470	E	Unspecified Tank	1987
529AR	470	E	Unspecified Tank	1961
530AR	471	E	Unspecified Tank	1993
531AV	472	SE	Unspecified Tank	1984
532AV	472	SE	Unspecified Tank	1984
533AZ	472	NW	Unspecified Tank	1973
534AV	472	SE	Unspecified Tank	1970
535AV	472	SE	Unspecified Tank	1987
536AV	473	SE	Unspecified Tank	1967
537AZ	473	NW	Unspecified Tank	1984
538AV	473	SE	Unspecified Tank	1993
539BA	474	E	Tanks	1983
540BA	474	E	Tanks	1988
541CL	474	SE	Unspecified Tank	1967
542CL	474	SE	Unspecified Tank	1984
543CL	474	SE	Unspecified Tank	1984
544CL	474	SE	Unspecified Tank	1987
545CL	474	SE	Unspecified Tank	1970
546BA	475	E	Unspecified Tank	1987
547BA	475	E	Tanks	1975
548BA	475	E	Unspecified Tank	1993
549CK	476	W	Tanks	1952
550CK	480	W	Unspecified Tank	1929
551CL	484	SE	Unspecified Tank	1993
552BA	487	E	Tanks	1983
553BA	487	E	Tanks	1988
554BA	488	E	Tanks	1983
555BA	488	E	Tanks	1988
556BA	488	E	Tanks	1975
557BA	488	E	Tanks	1987
558BA	489	E	Tanks	1993
559CM	489	E	Unspecified Tank	1988
560CM	489	E	Unspecified Tank	1983
561BA	490	E	Tanks	1987
562BA	490	E	Tanks	1975
563AV	490	SE	Unspecified Tank	1984
564AV	490	SE	Unspecified Tank	1984
565BA	490	E	Tanks	1993

566AV	490	SE	Unspecified Tank	1967
567AV	490	SE	Unspecified Tank	1987
568AV	490	SE	Unspecified Tank	1970
569CM	490	E	Unspecified Tank	1987
570CM	491	E	Unspecified Tank	1993
571AV	491	SE	Unspecified Tank	1993
572AW	495	E	Tanks	1984
573AW	495	E	Tanks	1983
574AW	495	E	Tanks	1983
575AW	496	E	Unspecified Tank	1994
576AW	496	E	Unspecified Tank	1984
577AW	496	E	Unspecified Tank	1988
578AW	496	E	Unspecified Tank	1983
579AW	497	E	Unspecified Tank	1987
580BA	497	E	Tanks	1983
581BA	497	E	Tanks	1988
582AW	498	E	Unspecified Tank	1993
583BE	499	E	Tanks	1987
584BE	499	E	Tanks	1975
585BD	499	SE	Unspecified Tank	1984
586BD	499	SE	Unspecified Tank	1984
587BD	499	SE	Unspecified Tank	1987
588BA	499	E	Tanks	1993
589BD	499	SE	Tanks	1970
590BD	499	SE	Tanks	1967

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 500m of the search boundary:

58

ID	Distance (m)	Direction	Use	Date
591C	0	On Site	Electricity Substation	1983
592C	0	On Site	Electricity Substation	1971
593M	66	W	Electricity Substation	1993
594M	66	W	Electricity Substation	1993
595CN	135	S	Electricity Substation	1996
596CN	135	S	Electricity Substation	1994
597CN	135	S	Electricity Substation	1995
598CN	135	S	Electricity Substation	1994
599CO	142	SW	Electricity Substation	1952
600CO	154	SW	Electricity Substation	1952

601CP	191	SW	Electricity Substation	1952
602CP	191	SW	Electricity Substation	1952
603CQ	196	SW	Electricity Substation	1995
604CQ	196	SW	Electricity Substation	1994
605CQ	196	SW	Electricity Substation	1994
606CQ	196	SW	Electricity Substation	1994
607CQ	196	SW	Electricity Substation	1996
608CR	197	SW	Electricity Substation	1988
609BU	210	W	Electricity Substation	1993
610BU	211	W	Electricity Substation	1987
611CS	261	SE	Electricity Substation	1952
612CS	262	SE	Electricity Substation	1952
613CS	262	SE	Electricity Substation	1976
614CS	275	SE	Electricity Substation	1990
615CS	275	SE	Electricity Substation	1988
616CT	289	S	Electricity Substation	1994
617CT	289	S	Electricity Substation	1995
618CT	289	S	Electricity Substation	1994
619CT	289	S	Electricity Substation	1994
620CT	289	S	Electricity Substation	1996
621CT	290	S	Electricity Substation	1988
622AJ	327	W	Electricity Substation	1952
623AJ	327	W	Electricity Substation	1952
624AJ	336	W	Electricity Substation	1952
625AJ	336	W	Electricity Substation	1952
626CU	356	SW	Electricity Substation	1983
627CU	356	SW	Electricity Substation	1987
628CU	357	SW	Electricity Substation	1994
629CU	357	SW	Electricity Substation	1996
630CU	357	SW	Electricity Substation	1994
631CV	359	W	Electricity Substation	1993
632CV	359	W	Electricity Substation	1973
633CV	360	W	Electricity Substation	1984
634CW	378	NW	Electricity Substation	1952
635CW	378	NW	Electricity Substation	1952
636CX	397	SW	Electricity Substation	1994
637CX	397	SW	Electricity Substation	1994
638CX	397	SW	Electricity Substation	1994
639CX	397	SW	Electricity Substation	1996
640CX	397	SW	Electricity Substation	1995
641CX	399	SW	Electricity Substation	1988
642CD	436	W	Electricity Substation	1952
643CD	436	W	Electricity Substation	1952
644CY	452	NW	Electricity Substation	1993
645CY	452	NW	Electricity Substation	1971
646CY	452	NW	Electricity Substation	1989

647CY	452	NW	Electricity Substation	1989
648CY	476	NW	Electricity Substation	1971

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 500m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 500m of the search boundary: 2

ID	Distance (m)	Direction	Use	Date
649CZ	326	SW	Garage	1952
650CZ	326	SW	Garage	1952

1.6 Historical military sites

Certain military installations were not noted on historic mapping for security reasons. Whilst not all military land is necessarily of concern, Groundsure has researched and digitised a number of Ordnance Factories and other military industrial features (e.g. Ordnance Depots, Munitions Testing Grounds) which may be of contaminative concern. This research was drawn from a number of different sources, and should not be regarded as a definitive or exhaustive database of potentially contaminative military installations. The boundaries of sites within this database have been estimated from the best evidence available to Groundsure at the time of compilation.

Records of historical military sites within 500m of the search boundary: 0

Database searched and no data found.

1.7 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 500m of the study site: 88

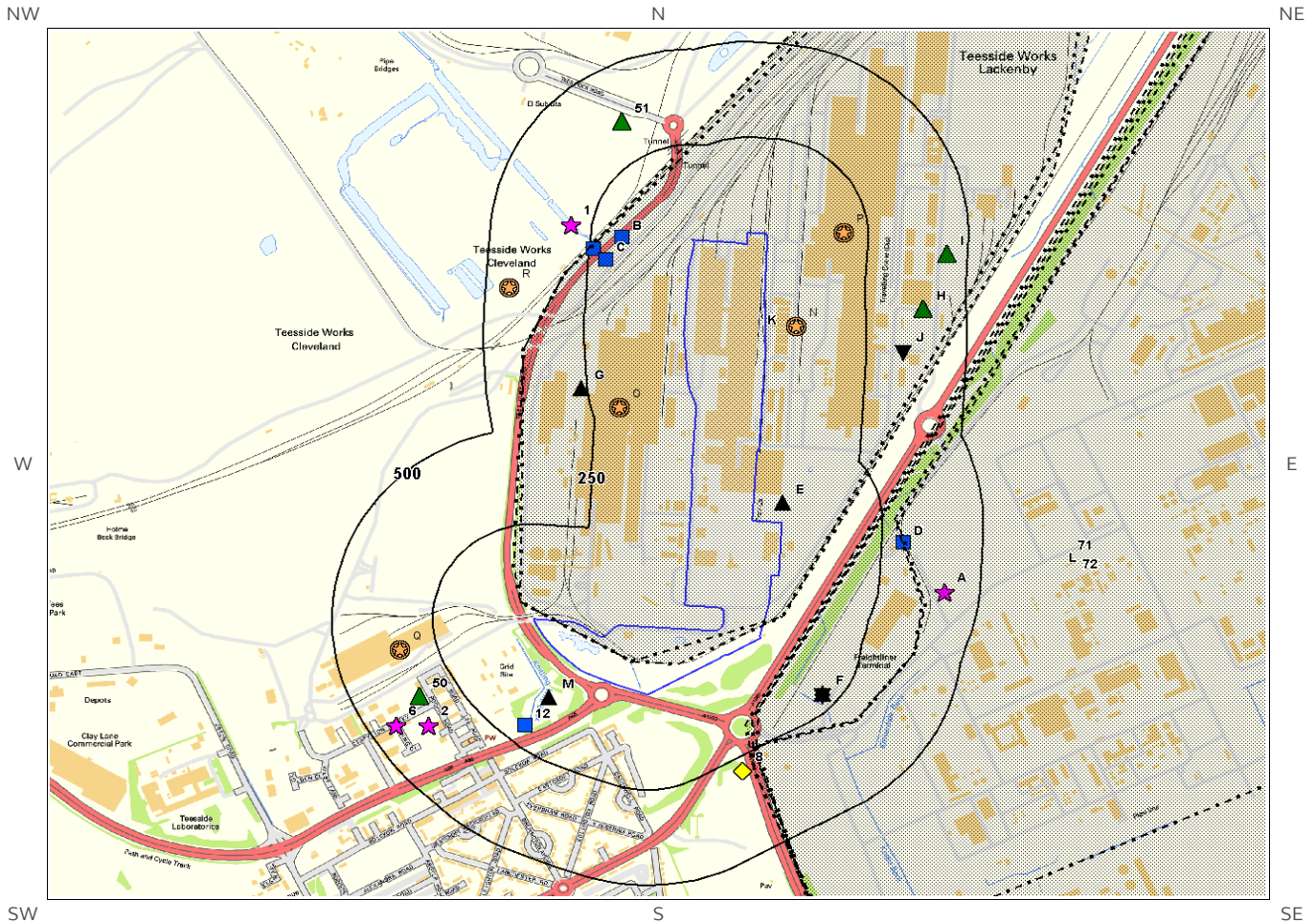
The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by Groundsure:

ID	Distance(m)	Direction	Use	Date
651F	0	On Site	Cuttings	1983
652F	0	On Site	Cuttings	1974
653F	0	On Site	Cuttings	1991

















654DA	0	On Site	Cuttings	1952
655B	0	On Site	Pond	1893
656B	0	On Site	Unspecified Ground Workings	1952
657B	0	On Site	Unspecified Pit	1930
658B	0	On Site	Pond	1913
659K	8	NE	Reservoir	1930
660K	8	NE	Pond	1913
661K	12	NE	Pond	1893
662BN	22	NW	Cuttings	1983
663BN	22	NW	Cuttings	1991
664BN	22	NW	Cuttings	1974
665DB	47	W	Pond	1952
666Q	49	W	Ponds	1893
667DB	50	W	Pond	1913
668DB	50	W	Pond	1930
669BL	52	NE	Reservoir	1913
670BL	52	NE	Reservoir	1930
671DC	55	NE	Pond	1893
672	56	N	Ponds	1893
673DC	65	NE	Ponds	1913
674BQ	69	NE	Pond	1930
675DB	71	W	Pond	1930
676DB	71	W	Pond	1913
677BQ	72	NE	Pond	1952
678DD	75	W	Unspecified Heap	1893
679DE	86	N	Pond	1893
680DE	92	NE	Ponds	1893
681Q	101	W	Unspecified Heap	1913
682DE	106	N	Ponds	1893
683DE	111	N	Pond	1913
684Q	128	W	Unspecified Pit	1913
685S	143	N	Tunnel	1983
686S	143	N	Tunnel	1991
687BQ	143	NE	Unspecified Heap	1952
688V	156	W	Refuse Heap	1927
689X	159	W	Refuse Heap	1952
690X	162	W	Refuse Heap	1930
691Y	167	E	Brick Works	1930
692Y	171	E	Brick Works	1952
693AB	174	N	Refuse Heap	1927
694AB	184	N	Refuse Heap	1952
695S	187	NW	Refuse Heap	1913
696S	187	NW	Refuse Heap	1927
697AC	193	W	Unspecified Ground Workings	1930

698AC	193	W	Unspecified Ground Workings	1913
699S	195	N	Refuse Heap	1952
700DF	198	W	Unspecified Pit	1893
701Z	199	W	Ponds	1897
702AH	201	W	Unspecified Ground Workings	1913
703AD	209	NW	Tunnel	1991
704AD	209	NW	Tunnel	1983
705AC	209	W	Unspecified Ground Workings	1952
706AJ	211	W	Ponds	1893
707DG	211	W	Cuttings	1950
708AS	218	NW	Refuse Heap	1952
709Z	219	NW	Cooling Pond	1927
710AP	221	NW	Ponds	1893
711AD	222	NW	Reservoir	1927
712AD	222	NW	Reservoir	1913
713AP	234	N	Refuse Heaps	1927
714DF	237	W	Pond	1893
715DF	238	W	Pond	1930
716DF	238	W	Pond	1913
717DH	249	NW	Refuse Heap	1955
718	262	NW	Reservoir	1913
719DI	296	W	Ponds	1983
720DI	296	W	Ponds	1974
721DI	296	W	Ponds	1991
722DJ	308	W	Reservoirs	1952
723DK	309	W	Reservoirs	1930
724DL	312	N	Reservoir	1913
725DM	322	N	Cuttings	1952
726P	348	N	Pond	1983
727P	348	N	Pond	1974
728DN	348	NW	Refuse Heap	1913
729DO	376	W	Old Clay Pits	1913
730DK	394	W	Unspecified Heaps	1893
731DP	431	N	Pond	1974
732DP	431	N	Pond	1983
733BC	451	W	Refuse Heap	1893
734BC	478	W	Unspecified Pit	1913
735DO	482	W	Unspecified Heap	1913
736BC	483	W	Unspecified Pit	1893
737DQ	495	N	Refuse Heap	1952
738BC	498	W	Unspecified Pit	1897

2. Environmental Permits, Incidents and Registers Map



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.

- | | | | | | |
|---|--------------------|---|-------------------------------|---|--|
|  | Site Outline |  | Recorded Pollution Incident |  | RAS 3 & 4 Authorisations |
|  | Search Buffers (m) |  | Dangerous Substances (List 1) |  | Part A(1) Authorised Processes and Historic IPC Authorisations |
|  | 250 |  | Dangerous Substances (List 2) |  | Part A(2) and Part B Authorised Processes |
|  | 500 |  | Water Industry Referrals |  | COMAH / NIHHS Sites |
| | |  | Licensed Discharge Consents |  | Sites Determined as Contaminated Land |
| | |  | Red List Discharge Consents |  | Hazardous Substance Consents and Enforcements |

2. Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency/Natural Resources Wales and Local Authorities reveal the following information:

2.1.1 Records of historic IPC Authorisations within 500m of the study site:

18

The following IPC Authorisations are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
88E	49	N	455800 521500	Operator: Multiserv Group Ltd Address: Surface Dressing, PO Box 13, South Bank, Middlesbrough, Cleveland, TS6 6AL Process: Iron And Steel Permit Number: AV7023 Original Permit Number: IPCMINVAR Date Approved: 6-6-1996 Effective Date: 17-6-1996 Status: Superseded By Variation
89E	49	N	455800 521500	Operator: Multiserv Group Ltd Address: Surface Dressing, PO Box 13, South Bank, Middlesbrough, Cleveland, TS6 6AL Process: Iron And Steel Permit Number: AQ8310 Original Permit Number: IPCAIRAPP Date Approved: 7-7-1995 Effective Date: 14-7-1995 Status: Superseded By Variation
90E	49	N	455800 521500	Operator: Multiserv Group Ltd Address: Surface Dressing, PO Box 13, South Bank, Middlesbrough, Cleveland, TS6 6AL Process: Iron And Steel Permit Number: BD6034 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
91F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes Permit Number: AR1183 Original Permit Number: IPCMINVAR Date Approved: 2-5-1995 Effective Date: 5-5-1995 Status: Superseded By Variation
92F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes Permit Number: AN7805 Original Permit Number: IPCMINVAR Date Approved: 8-8-1994 Effective Date: 15-8-1994 Status: Superseded By Variation
93F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes Permit Number: AX6893 Original Permit Number: IPCMINVAR Date Approved: 31-1-1997 Effective Date: 31-1-1997 Status: Superseded By Variation
94F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Permit Number: BE0996 Original Permit Number: IPCMINVAR

ID	Distance (m)	Direction	NGR	Details	
				Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
95F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AA8397 Original Permit Number: IPCAPP Date Approved: 24-7-1992 Effective Date: 24-7-1992 Status: Superseded By Variation
96F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AH8255 Original Permit Number: IPCMINVAR Date Approved: 11-2-1993 Effective Date: 11-2-1993 Status: Superseded By Variation
97F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AL3817 Original Permit Number: IPCMINVAR Date Approved: 20-1-1994 Effective Date: 20-1-1994 Status: Superseded By Variation
98F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AM0961 Original Permit Number: IPCMINVAR Date Approved: 5-3-1994 Effective Date: 5-3-1994 Status: Superseded By Variation
99F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AZ5979 Original Permit Number: IPCMAJVAR Date Approved: 11-12-1997 Effective Date: 11-12-1997 Status: Superseded By Variation
100F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: AV3770 Original Permit Number: IPCMINVAR Date Approved: 29-3-1996 Effective Date: 31-3-1996 Status: Superseded By Variation
101F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: BK8958 Original Permit Number: IPCMINVAR Date Approved: 10-4-2001 Effective Date: 13-4-2001 Status: Superseded By Variation
102F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: BR7429 Original Permit Number: IPCMINVAR Date Approved: 27-3-2002 Effective Date: 8-4-2002 Status: Superseded By Variation
103F	214	SE	455900 521000	Operator: Px Ltd Address: Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF Process: Combustion Processes	Permit Number: BY3924 Original Permit Number: IPCMINVAR Date Approved: 5-11-2004 Effective Date: 5-11-2004 Status: Revoked - Now Ippc
104 G	265	W	455300 521800	Operator: Multiserv Group Ltd Address: Teesside Works, Bos Plant, Lackenby Site, Redcar, Cleveland, TS10 5RH Process: Iron And Steel	Permit Number: BD1253 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Revoked - Now Ippc
105	265	W	455300	Operator: Multiserv Group Ltd	Permit Number: AR0144

ID	Distance (m)	Direction	NGR	Details	
G			521800	Address: Teesside Works, Bos Plant, Lackenby Site, Redcar, Cleveland, TS10 5RH Process: Iron And Steel	Original Permit Number: IPCAPP Date Approved: 13-7-1995 Effective Date: 20-7-1995 Status: Superseded By Variation

2.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

10

The following Part A(1) and IPPC Authorised Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
78M	108	SW	455220 520990	Operator: KWB POWER LIMITED Installation Name: KNITTING WIFE BECK Process: NEW MEDIUM COMBUSTION PLANT	Permit Number: NP3331QY Original Permit Number: NP3331QY EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2019-04-30 Status: DETERMINATION
79F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LIMITED Installation Name: TEESSIDE POWER STATION Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: TP3935XX Original Permit Number: TP3935XX EPR Reference: - Issue Date: 14/03/2008 Effective Date: 31/03/2008 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
80F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LIMITED Installation Name: TEESSIDE POWER STATION EPR/TP3935XX Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: SP3232RL Original Permit Number: TP3935XX EPR Reference: - Issue Date: 15/12/2015 Effective Date: 01/01/2016 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
81F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LIMITED Installation Name: TEESSIDE POWER STATION EPR/TP3935XX Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: XP3337KZ Original Permit Number: TP3935XX EPR Reference: - Issue Date: 18/02/2010 Effective Date: 18/02/2010 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
82F	214	SE	455900 521000	Operator: PX LTD Installation Name: TEESSIDE POWER STATION EPR/WP3133LB Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: KP3130XR Original Permit Number: WP3133LB EPR Reference: - Issue Date: 21/11/2007 Effective Date: 23/11/2007 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
83F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LTD Installation Name: TEESSIDE POWER STATION EPR/TP3935XX Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: BP3936RK Original Permit Number: TP3935XX EPR Reference: - Issue Date: - Effective Date: 03/08/2016 Last date noted as effective: 2019-04-

ID	Distance (m)	Direction	NGR	Details	
					30 Status: SURRENDER EFFECTIVE
84F	214	SE	455900 521000	Operator: PX LTD Installation Name: TEESSIDE POWER STATION EPR/WP3133LB Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: WP3133LB Original Permit Number: WP3133LB EPR Reference: - Issue Date: 15/12/2006 Effective Date: 15/12/2006 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
85F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LIMITED Installation Name: TEESSIDE POWER STATION EPR/TP3935XX Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: LP3538VA Original Permit Number: TP3935XX EPR Reference: - Issue Date: 07/04/2014 Effective Date: 07/04/2014 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
86F	214	SE	455900 521000	Operator: PX LTD Installation Name: TEESSIDE POWER STATION EPR/WP3133LB Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: RP3834UY Original Permit Number: WP3133LB EPR Reference: - Issue Date: 28/06/2007 Effective Date: 28/06/2007 Last date noted as effective: 2019-04-30 Status: SUPERCEDED
87F	214	SE	455900 521000	Operator: GDF SUEZ TEESSIDE LIMITED Installation Name: TEESSIDE POWER STATION Process: COMBUSTION; ANY FUEL =>50MW	Permit Number: QP3333KJ Original Permit Number: TP3935XX EPR Reference: EA/EPR/TP3935XX/V002 Issue Date: - Effective Date: - Last date noted as effective: 2010-10-01 Status: REFUSED

2.1.3 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site:

0

Database searched and no data found.

2.1.4 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site:

1

The following List 1 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
7F	214	SE	455900 521000	Name: Px Ltd, Greystone Road Middlesborough Ts6 8jf Status: Active Receiving Water: River Tees	Authorised Substances: Cadmium

2.1.5 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site:

1

The following List 2 Dangerous Substance Inventory Site records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
8	287	SE	455700 520800	Name: Du Pont, Middlesborough Status: Active Receiving Water: River Tees	Authorised Substances: Copper, Benzene

2.1.6 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site:

6

The following Part A(2) and Part B Activities are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
50	347	SW	454898 520992	Address: Vantech Northern Ltd, Pochin Road, Bolckow Industrial Estate, Middlesbrough, TS6 7AT Process: Waste Oil Burner <0.4 MW Status: New Legislation Applies Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
51	353	NW	455399 522501	Address: Jackson Fuels, Grangetown, TS6 AAA Process: Coal & Coke Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
52H	392	E	456149 522006	Address: Corus, CNC Department, Lackenby Works, PO Box 29, Redcar, TS10 5RD Process: Surface Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
53H	392	E	456149 522006	Address: Longs Steel UK Ltd (Formerly Tata Steel), Lackenby Works, PO Box 29, Redcar, TS10 5RD Process: Coating Processes Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
54I	447	E	456207 522153	Address: M&G Fuels, c/o Corus Redcar Ore Terminal, Teesdock Approach Rd, Teesport, TS25 1TZ Process: Coal & Coke Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
55I	447	E	456207 522153	Address: M&G Fuels, c/o Corus Redcar Ore Terminal, Teesdock Approach Rd, Teesport, Grangetown, Middlesbrough, TS6 6UD	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

ID	Distance (m)	Direction	NGR	Details
				Process: Coal & Coke Status: Historical Permit Permit Type: Part B

2.1.7 Records of Category 3 or 4 Radioactive Substances Authorisations:

10

The following RAS Licence (3 or 4) records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
106F	214	SE	455900 521000	Px Ltd, Teesside Power Station, greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Px Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	BZ4390	Date of Approval: 19/10/2005 Effective from: 19/10/2005 Last date of update: 2015-01-01	Revoked/cancelled
107F	214	SE	455900 521000	Gdf Suez Teesside Ltd, Teesside Power Station, greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Gdf Suez Teesside Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	CD6489	Date of Approval: 23/9/2009 Effective from: 23/9/2009 Last date of update: 2015-01-01	Effective
108F	214	SE	455900 521000	Gdf Suez Teesside Ltd, Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Gdf Suez Teesside Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	CC0833	Date of Approval: 1/4/2008 Effective from: 1/4/2008 Last date of update: 2015-01-01	Superseded By Variation
109F	214	SE	455900 521000	Teesside Power Station, Greystone Road, Eston, Middlesbrough, TS6 8JF	GDF Suez Teesside Limited	Disposal Of Radioactive Waste (was Rsa60 Section 6).	CD6462	Date of Approval: 23/9/2009 Effective from: - Last date of update: 2018-11-01	Surrendered
110F	214	SE	455900 521000	Gdf Suez Teesside Ltd, Teesside Power Station, greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Gdf Suez Teesside Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	CC2208	Date of Approval: 1/4/2008 Effective from: 1/4/2008 Last date of update: 2015-01-01	Superseded By Variation

ID	Distance (m)	Direction	NGR	Address	Operator	Type	Permission Number	Dates	Status
111F	214	SE	455900 521000	Teesside Power Ltd, Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Teesside Power Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AV3583	Date of Approval:2/8/ 1996 Effective from:12/8/19 96 Last date of update:2015- 01-01	Revoked/c ancelled
112F	214	SE	455900 521000	Px Ltd, Teesside Power Station, Greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Px Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	BZ4381	Date of Approval:19/1 0/2005 Effective from:16/11/2 005 Last date of update:2015- 01-01	Revoked/c ancelled
113F	214	SE	455900 521000	Teesside Power Ltd, Teesside Power Station,greystone Road, Grangetown, Middlesbrough, Cleveland, TS6 8JF	Teesside Power Ltd	Keeping And Use Of Radioactive Materials (was Rsa60 Section 1).	AV3591	Date of Approval:2/8/ 1996 Effective from:12/8/19 96 Last date of update:2015- 01-01	Revoked/c ancelled
114J	342	E	456100 521900	Corus Uk Ltd, Teesside Laboratories, Grangetown, Middlesbrough, Cleveland	Corus Uk Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AG9710	Date of Approval:31/3 /1991 Effective from:31/3/19 91 Last date of update:2015- 01-01	Revoked/c ancelled
115J	342	E	456100 521900	Corus Uk Ltd, Teesside Laboratories, Eston Road, Grangetown, Middlesbrough, Cleveland	Corus Uk Ltd	Disposal Of Radioactive Waste (was Rsa60 Section 6).	AG9728	Date of Approval:31/3 /1991 Effective from:31/3/19 91 Last date of update:2015- 01-01	Revoked/c ancelled

2.1.8 Records of Licensed Discharge Consents within 500m of the study site:

13

The following Licensed Discharge Consents records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details	
9B	174	W	455400 522200	Address: TEES DOCK ROAD CSO, TEES DOCK ROAD, DORMANSTOWN, MIDDLESBROUGH Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY	Receiving Water: KINKERDALE BECK Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 15/10/2006 Effective Date: 15-Oct-2006 Revocation Date: 31/03/2010

ID	Distance (m)	Direction	NGR	Details	
				Permit Number: 254/1935 Permit Version: 1	
10B	174	W	455400 522200	Address: TEES DOCK ROAD CSO, TEES DOCK ROAD, DORMANSTOWN, MIDDLESBROUGH Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1812 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: REVOKED NEW CONSENT ISSUED (WATER ACT 1989 SECTION 113) Issue date: 21/02/2005 Effective Date: 21-Feb-2005 Revocation Date: 12/10/2006
11B	174	W	455400 522200	Address: TEES DOCK ROAD CSO, TEES DOCK ROAD, DORMANSTOWN, MIDDLESBROUGH Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/E/0112 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: REVOKED - UNSPECIFIED Issue date: 27/04/1956 Effective Date: 27-Apr-1956 Revocation Date: 21/02/2005
12	200	SW	455160 520920	Address: GRANGETOWN SUBSTATION, GREYSTONES ROAD, MIDDLESBROUGH, CLEVELAND, TS6 8JF Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: 254/1898 Permit Version: 1	Receiving Water: KNITTING WIFE BECK Status: REVOKED UNDER EPR 2010 Issue date: 18/11/2005 Effective Date: 18-Nov-2005 Revocation Date: 16/06/2011
13C	207	W	455361 522142	Address: TEES DOCK ROAD CSO, TEES DOCK ROAD, DORMANSTOWN, MIDDLESBROUGH Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1935 Permit Version: 3	Receiving Water: KINKERDALE BECK Status: VARIED BY APPLICATION - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 23/03/2010 Effective Date: 01-Apr-2010 Revocation Date: -
14C	242	W	455330 522170	Address: TEES DOCK RD SSO, GRANGETOWN Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/0800 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 21/09/1989 Effective Date: 21-Sep-1989 Revocation Date: 15/01/1991
15C	242	W	455330 522170	Address: TEES DOCK RD SSO, GRANGETOWN Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 254/1814 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 03/03/2005 Effective Date: 03-Mar-2005 Revocation Date: 12/10/2006
16D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 254/1485 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: SURRENDERED UNDER EPR 2010 Issue date: 04/03/1997 Effective Date: 04-Mar-1997 Revocation Date: 28/09/2015
17D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/0624 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: REVOKED - UNSPECIFIED Issue date: 25/04/1988 Effective Date: 25-Apr-1988 Revocation Date: 08/04/1992
18D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: SEWAGE DISCHARGES -	Receiving Water: KINKERDALE BECK Status: REVOKED (WRA 91, S88 & SCHED

ID	Distance (m)	Direction	NGR	Details	
				FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 254/1130 Permit Version: 1	10 AS AMENDED BY ENV ACT 1995) Issue date: 08/04/1992 Effective Date: 08-Apr-1992 Revocation Date: 04/03/1997
19D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 254/0624 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: REVOKED - UNSPECIFIED Issue date: 25/04/1988 Effective Date: 25-Apr-1988 Revocation Date: 08/04/1992
20D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 254/0624 Permit Version: 1	Receiving Water: KINKERDALE BECK Status: REVOKED - UNSPECIFIED Issue date: 25/04/1988 Effective Date: 25-Apr-1988 Revocation Date: 08/04/1992
21D	303	E	456100 521400	Address: THORNTREE FARM SITE, CLEVELAND DEPO, WILTON Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 254/1131 Permit Version: 1	Receiving Water: KINKERDALE BECK CULVERTED Status: REVOKED UNDER EPR 2010 Issue date: 09/04/1992 Effective Date: 09-Apr-1992 Revocation Date: 12/04/2016

2.1.9 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site:

0

Database searched and no data found.

2.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site:

5

The following records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	Application Reference Number	NGR	Application Status	Application Date	Address	Details	Details of Enforcement Action
116N	77	E	L/1992/0972 /HD	455834 521966	Historical Consent	30/11/1992	British Steel PLC, BSC Lackenby Works, Redcar, TS10 4RF	No Details	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
117O	184	W	R/2011/0212 /HD	455393 521754	Historical Consent	13/04/2011	Sahaviriya Steel Industries UK Ltd, Lackenby	Consent for new inventory.	Enforcement: No Enforcements Notified Date of Enforcement:

ID	Distance (m)	Direction	Application Reference Number	NGR	Application Status	Application Date	Address	Details	Details of Enforcement Action
							Site, Teesside Works, Redcar, TS10 5QW		No Enforcement Notified Comment: No Enforcement Notified
118P	188	E	R/2011/0213 /HD	455951 522210	Withdrawn	13/04/2011	Sahaviriya Steel Industries UK Ltd, Lackenby Site, Teesside Works, Redcar, TS10 5QW	Change of ownership.	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
119Q	342	W	R/2011/0209 /HD	454849 521118	Withdrawn	13/04/2011	Sahaviriya Steel Industries UK Ltd, Cleveland Site, Teesside Works, Redcar, TS10 5QW	Change of ownership.	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
120R	443	W	R/1997/0039 /TD	455120 522068	Approved	No Details	PD Teesport Ltd, Tees Dock, Grangetown, Middlesbrough, Cleveland, England, TS6 6UD	No Details	Enforcement: No Enforcements Notified Date of Enforcement: No Details Comment: No Details

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

7

The following COMAH & NIHHS Authorisation records provided by the Health and Safety Executive are represented as polygons or buffered points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	Company	Address	Operational Status	Tier
66K	0	On Site	Sahaviriya Steel Industries Uk Limited	Sahaviriya Steel Industries Uk Limited, Steel House, Redcar, Cleveland, TS10 5QW	Historical COMAH Site	COMAH Upper Tier Operator
67K	0	On Site	South Tees Site Company Limited	South Tees Site Company Limited, Redcar, Steel House, Trunk Road, Redcar, Cleveland, TS10 5QW	Current COMAH Site	COMAH Upper Tier Operator
68L	83	SE	Sabic Uk Petrochemicals Limited	Sabic Uk Petrochemicals Limited, Low Density Polyethylene, Po Box 99, Redcar, Cleveland, TS10 4YA	Historical NIHHS Site	-
69L	92	SE	Sabic Uk Petrochemicals Limited	Sabic Uk Petrochemicals Limited, Olefins Manufacturing, Olefins Offices, Po Box 99, Redcar, Cleveland, TS10 4RG	Current COMAH Site	COMAH Upper Tier Operator
70L	92	SE	Sabic Uk Petrochemicals Limited	Sabic Uk Petrochemicals Limited, Teesport, Grangetown, Teesport Storage, Middlesbrough, Cleveland, TS6 6UE	Current COMAH Site	COMAH Upper Tier Operator
71	244	SE	Ensus Uk Limited	Ensus Uk Limited, Wilton, Middleway, Wilton International, Middlesbrough, Cleveland, TS10 4WS	Current COMAH Site	COMAH Upper Tier Operator

ID	Distance (m)	Direction	Company	Address	Operational Status	Tier
72	247	SE	Huntsman Polyurethanes (uk) Ltd	Huntsman Polyurethanes (uk) Ltd, Polyurethanes Area, Po Box 54, Middlesbrough, Cleveland, TS90 8JA	Current COMAH Site	COMAH Upper Tier Operator

2.3 Environment Agency/Natural Resources Wales Recorded Pollution Incidents

2.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site:

6

The following NIRS List 2 records are represented as points on the Environmental Permits, Incidents and Registers Map:

ID	Distance (m)	Direction	NGR	Details
1	304	W	455273.0 522233.0	Incident Date: 03-Sep-2008 Incident Identification: 617951.0 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils Water Impact: Category 1 (Major) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2	370	SW	454920.0 520920.0	Incident Date: 04-Jul-2002 Incident Identification: 89362.0 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
3A	410	E	456200.0 521270.0	Incident Date: 25-Dec-2013 Incident Identification: 1187178.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 1 (Major)
4A	410	E	456200.0 521270.0	Incident Date: 25-Dec-2013 Incident Identification: 1187178.0 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 1 (Major)
5A	410	E	456200.0 521270.0	Incident Date: 25-Dec-2013 Incident Identification: 1187178.0 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 1 (Major)
6	435	SW	454840.0 520920.0	Incident Date: 26-Feb-2003 Incident Identification: 139396.0 Pollutant: Inorganic Chemicals/Products Pollutant Description: Acids Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

2.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site:

0

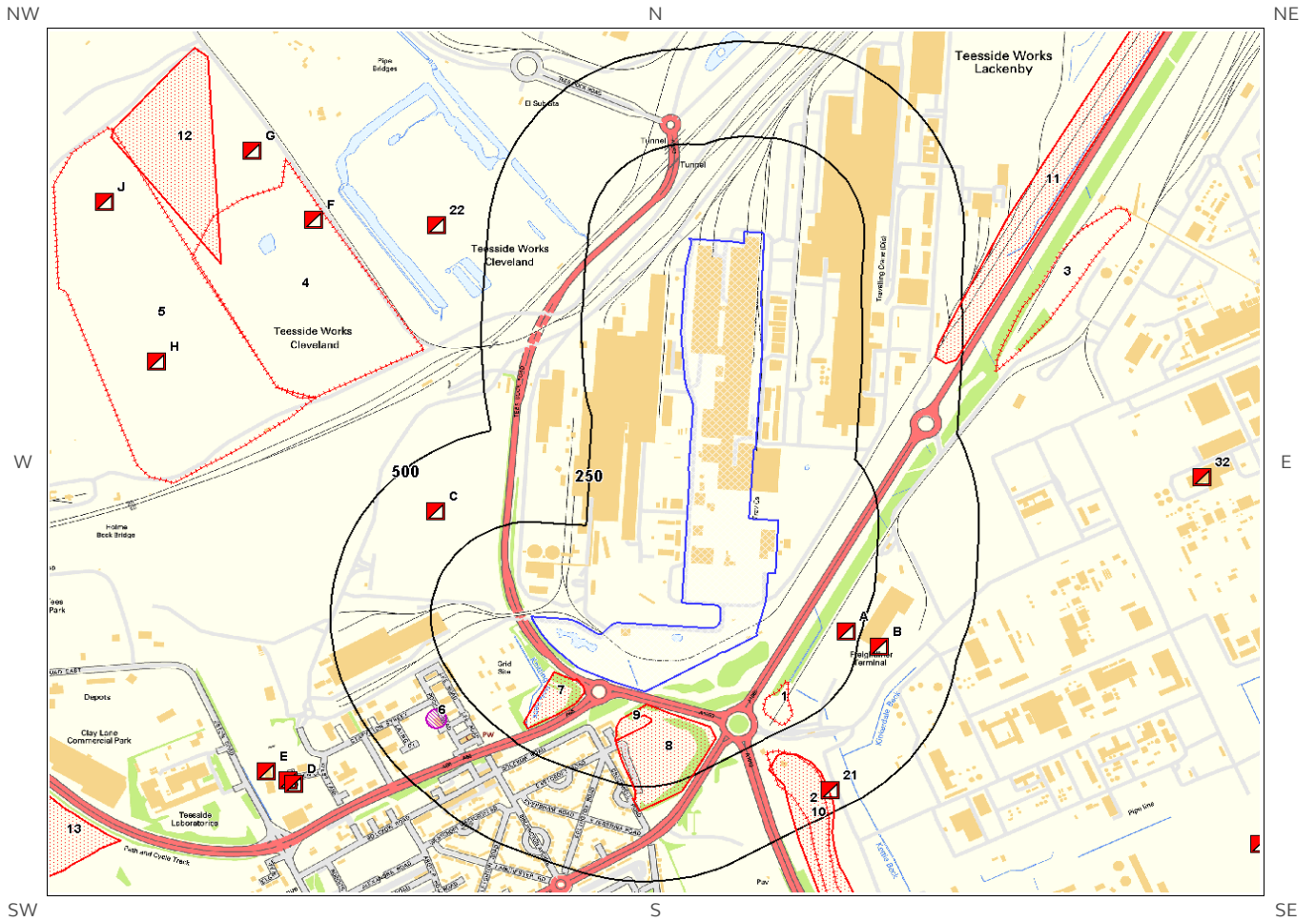
Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part 2A EPA 1990










Records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site 0

Database searched and no data found.

3. Landfill and Other Waste Sites Map



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.

- | | | | | | |
|---|------------------------|---|---------------------------|---|---|
|  | Site Outline |  | EA/NRW Active Landfill |  | Historic and Planned Waste Sites |
|  | 250 Search Buffers (m) |  | EA/NRW Historic Landfill |  | EA/NRW Licensed Waste Site |
|  | 500 Search Buffers (m) |  | BGS / DoE Survey Landfill |  | Local Authority/Historical Mapping Landfill Records |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

3.1.1 Records from Environment Agency/Natural Resources Wales landfill data within 1000m of the study site:

5

The following Environment Agency/Natural Resources Wales landfill records are represented as polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
1	140	SE	455927 520742	Address: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Landfill Reference: 60094.0 Environmental Permitting Regulations (Waste) Reference: ICI003 Landfill Type: A07: Industrial Waste Landfill (Factory curtilage)	Operator: I C I Chemicals & Polymers Ltd Status: Closure IPPC Reference: EPR Reference:
2	284	SE	455927 520742	Address: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Landfill Reference: 60094.0 Environmental Permitting Regulations (Waste) Reference: ICI003 Landfill Type: A07: Industrial Waste Landfill (Factory curtilage)	Operator: I C I Chemicals & Polymers Ltd Status: Closure IPPC Reference: EPR Reference:
3	586	E	455927 520742	Address: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Landfill Reference: 60094.0 Environmental Permitting Regulations (Waste) Reference: ICI003 Landfill Type: A07: Industrial Waste Landfill (Factory curtilage)	Operator: I C I Chemicals & Polymers Ltd Status: Closure IPPC Reference: EPR Reference:
4	645	W	454210 522000	Address: Teesport No 2, Teesport, TS6 6UG Landfill Reference: 0.0 Environmental Permitting Regulations (Waste) Reference: - Landfill Type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE	Operator: Highfield Environmental Limited Status: Transfer Effective IPPC Reference: EPR Reference:
5	791	NW	454200 522000	Address: Cleveland Works, Cleveland, TS10 5QW Landfill Reference: 0.0 Environmental Permitting Regulations (Waste) Reference: - Landfill Type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE	Operator: Sahaviriya Steel Industries UK Limited Status: Transfer Effective IPPC Reference: EPR Reference:

3.1.2 Records of Environment Agency/Natural Resources Wales historic landfill sites within 1500m of the study site:

8

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details
7	28	SW		<p>Site Address: Area adjacent to Teesdock Road, Grangetown, Middlesbrough, Cleveland</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/ST10 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 17-Dec-1982 Licence Surrendered: 01-Apr-1983 Licence Holder Address: Planning Department, Cargo Fleet Offices, South Bank, Middlesbrough Operator: - Licence Holder: Langbaugh Borough Council First Recorded: 31-Dec-1982 Last Recorded: 31-Mar-1983</p>
8	34	S		<p>Site Address: Mushroom Grove Allotments, Grangetown</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/ST14 Waste Type: Inert, Commercial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 13-Apr-1984 Licence Surrendered: 22-Apr-1985 Licence Holder Address: Cargo Fleet Offices, Middlesbrough, Cleveland Operator: - Licence Holder: Borough Engineer, Langbaugh Borough Council First Recorded: 14-Apr-1984 Last Recorded: 22-Apr-1985</p>
9	53	S		<p>Site Address: Bolckow Road, Grangetown, Middlesbrough, Cleveland</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/254 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 30-Nov-1992 Licence Surrendered: 01-Mar-1993 Licence Holder Address: Langbaugh Borough Council, Cargo Fleet Offices, Middlesbrough Road, South Bank, Cleveland Operator: - Licence Holder: Chief Economic and Development Officer First Recorded: 01-Feb-1993 Last Recorded: 06-Mar-1993</p>
10	302	SE		<p>Site Address: Perimeter Mounds / Perimeter of Wilton Works, Wilton, Middlesbrough</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/047 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 19-Jul-1993 Licence Surrendered: Licence Holder Address: Eastway Offices, PO Box 54, Wilton, Middlesbrough Operator: - Licence Holder: Imperial Chemicals and Polymers Limited First Recorded: - Last Recorded: -</p>
11	434	E		<p>Site Address: Redcar Trunk Road Landscaping, Redcar, Cleveland</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/051 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 13-Sep-1977 Licence Surrendered: 10-Aug-1979 Licence Holder Address: Teesside Division, PO Box 1, Zetland Road, Middlesbrough, Cleveland Operator: - Licence Holder: British Steel Corporation First Recorded: 14-Sep-1977 Last Recorded: 10-Aug-1979</p>
12	1157	W		<p>Site Address: ICI No.2 Teesport, Wilton, Middlesbrough</p> <p>Waste Licence: Yes Site Reference: 0700/CLE/119 Waste Type: Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: -</p> <p>Licence Issue: 15-Sep-1989 Licence Surrendered: Licence Holder Address: PO Box 90, Wilton, Middlesbrough Operator: - Licence Holder: Imperial Chemical Industries, Plc</p>

ID	Distance (m)	Direction	NGR	Details
				First Recorded: - Last Recorded: -
13	1180	SW		Site Address: Bolckow Terrace, Middlesbrough, Cleveland Waste Licence: Yes Site Reference: 0700/CLE/ST13, CLE/060/1 Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 06-Mar-1978 Licence Surrendered: 12-Jun-1985 Licence Holder Address: Cargo Fleet Offices, Middlesbrough Road, South Bank, Cleveland Operator: - Licence Holder: Langbaurgh Borough Council First Recorded: 31-Mar-1978 Last Recorded: 10-Jun-1985
Not shown	1388	W		Site Address: Clay Lane Steelworks, Puddlers Road, Middlesbrough, Cleveland Waste Licence: Yes Site Reference: 0700/CLE/160 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 18-Nov-1985 Licence Surrendered: 28-Apr-1986 Licence Holder Address: Langbaurgh Borough Council, PO Box 20, Cargo Fleet Offices, South Bank, Middlesbrough, Cleveland Operator: - Licence Holder: Chief Planning Officer First Recorded: 30-Nov-1985 Last Recorded: 01-Apr-1986

3.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.1.4 Records of Landfills from Local Authority and Historical Mapping Records within 1500m of the study site:

5

The following landfill records are represented as points or polygons on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Site Address	Source	Data Type
Not shown	1177	N	456210 523456	Refuse Tip	1962 mapping	Polygon
Not shown	1178	N	456188 523408	Refuse Tip	1962 mapping	Polygon
Not shown	1190	NE	456853 523248	Refuse Tip	1962 mapping	Polygon
Not shown	1327	NE	456836 523211	Refuse Tip	1962 mapping	Polygon
Not shown	1369	N	456258 523549	Refuse Tip	1962 mapping	Polygon

3.2 Other Waste Sites

3.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site:

1

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
6	319	SW	454946 520930	Type of Site: Waste Transfer Station Site Address: Land off, Pochin Road, Grangetown, Middlesbrough, Cleveland, TS6 7AT Planning Application Reference: R/2015/0745/FF Date: 26/02/2016	Further Details: Scheme comprises construction of waste transfer station including new vehicle access. Scheme also includes disabled toilet. The associated works include sewer systems, landscaping, infrastructure, enabling works, cable laying and access roads. Data Source: Historic Planning Application Data Type: Point

3.2.2 Records of Environment Agency/Natural Resources Wales licensed waste sites within 1500m of the study site:

36

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
15A	215	E	455968 521160	Site Address: Trunk Road, Middlesbrough, Teesside, TS6 8JH Type: MRS + WEEE Treatment Facility - <75ktpa Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: UKW004 EPR reference: EA/EPR/DB3502KM/V003 Operator: U K Wood Recycling Limited Waste Management licence No: 402826 Annual Tonnage: 74999.0	Issue Date: 20/01/2017 Effective Date: - Modified: 25/01/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Freightliner Site Correspondence Address: -
16A	215	E	455968 521160	Site Address: Trunk Road, Middlesbrough, Cleveland, TS6 8JH Type: Treatment of waste wood for recovery Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: UKW004 EPR reference: EA/EPR/DB3502KM/A001 Operator: U K Wood Recycling Limited Waste Management licence No: 402826 Annual Tonnage: 5000.0	Issue Date: 20/01/2017 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Freightliner Site Correspondence Address: -
17B	304	E	456050 521120	Site Address: Wilton International, Former Freightliner Site, Trunk Road, Middlesbrough, TS90 8WS	Issue Date: 30/06/2006 Effective Date: - Modified: -

ID	Distance (m)	Direction	NGR	Details	
				Type: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: W00001 EPR reference: - Operator: U K Wood Recycling Limited Waste Management licence No: 66194 Annual Tonnage: 0.0	Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Waste Wood Recycling And Transfer Unit Correspondence Address: Highway House, Asfare Business Park, Hinckley Road, Wolvey, Leicester, LE10 3HQ
18B	304	E	456050 521120	Site Address: Wilton International, Former Freightliner Site, Trunk Road, Middlesbrough, Cleveland, TS6 8JH Type: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: W00001 EPR reference: EA/EPR/AP3696ZE/A001 Operator: U K Wood Recycling Ltd Waste Management licence No: 66194 Annual Tonnage: 200000.0	Issue Date: 30/06/2006 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Waste Wood Recycling And Transfer Unit Correspondence Address: -
19C	367	NW	454942 521477	Site Address: Steel House, Redcar, Cleveland, TS10 5QW Type: Storage of furnace-ready scrap for recovery Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAH002 EPR reference: EA/EPR/CB3003TM/A001 Operator: Sahaviriya Steel Industries U K Ltd Waste Management licence No: 401752 Annual Tonnage: 74999.0	Issue Date: 29/12/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: S S I Correspondence Address: -
20C	367	NW	454942 521477	Site Address: Steel House, Redcar, Teesside, Cleveland, TS10 5QW Type: Storage of furnace-ready scrap for recovery Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SAH002 EPR reference: EA/EPR/CB3003TM/A001 Operator: Sahaviriya Steel Industries U K Limited Waste Management licence No: 401752 Annual Tonnage: 74999.0	Issue Date: 29/12/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: S S I Correspondence Address: -
21	444	SE	455927 520742	Site Address: P O Box54, Wilton, Middlesbrough, Cleveland, TS10 4RE Type: Industrial Waste Landfill (Factory curtilage) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ICI003 EPR reference: EA/EPR/UP3090ZF/A001 Operator: I C I Chemicals & Polymers Ltd Waste Management licence No: 60094 Annual Tonnage: 24999.0	Issue Date: 20/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Closure Site Name: Wilton, Perimeter Mounds Correspondence Address: -
22	630	W	454945 522230	Site Address: Steel House, Teesside Division, Redcar, Cleveland, TS10 5QW Type: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI008 EPR reference: EA/EPR/KP3190ZL/A001 Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60137	Issue Date: 01/04/1977 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC Site Name: B S Slems Correspondence Address: -

ID	Distance (m)	Direction	NGR	Details
Annual Tonnage: 122060.0				
23D	735	SW	454588 520759	<p>Site Address: Holden Close Waste Management Facility, Holden Close, Bolckow Ind Est, Middlesbrough, Cleveland, TS6 7AL</p> <p>Type: Special Waste Transfer Station Size: >= 75000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CLE013 EPR reference: EA/EPR/MP3434CN/V004 Operator: Harpers Environmental Services Ltd</p> <p>Waste Management licence No: 66053 Annual Tonnage: 149400.0</p> <p>Issue Date: 25/03/2002 Effective Date: - Modified: 27/01/2012 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC</p> <p>Site Name: Holden Close Waste Management Facility Correspondence Address: -</p>
24D	741	SW	454575 520768	<p>Site Address: Holden Close, Bolckow Road Industrial Estate, Grangetown, Middlesbrough, Cleveland, TS6 7AL</p> <p>Type: Special Waste Transfer Station Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CLE013 EPR reference: EA/EPR/KP3496ZY/V002 Operator: Cleveland Containers Ltd</p> <p>Waste Management licence No: 66053 Annual Tonnage: 10000.0</p> <p>Issue Date: 25/03/2002 Effective Date: - Modified: 22/06/2004 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified</p> <p>Site Name: Cleveland Containers Ltd Correspondence Address: -</p>
25D	741	SW	454575 520768	<p>Site Address: Kingsway Sidings, Bolckow Road Industrial Estate, Grangetown, Middlesbrough, TS6 7AA</p> <p>Type: Special Waste Transfer Station Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: CLE013 EPR reference: - Operator: Cleveland Containers Limited</p> <p>Waste Management licence No: 66053 Annual Tonnage: 5000.0</p> <p>Issue Date: 25/03/2002 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued</p> <p>Site Name: Cleveland Containers Ltd Correspondence Address: Kingsway Sidings, Bolckow Road Industrial Estate, Grangetown, Middlesbrough, TS6 7AA</p>
26E	774	SW	454521 520793	<p>Site Address: Land/premises At, Holden Close, Bolckow Ind Est, Middlesbrough, Cleveland, TS6 7AA</p> <p>Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: JWS001 EPR reference: EA/EPR/KP3490ZT/V002 Operator: Scott Bros Recycling Limited</p> <p>Waste Management licence No: 60134 Annual Tonnage: 24999.0</p> <p>Issue Date: 04/11/1996 Effective Date: 30/07/2005 Modified: 05/08/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified</p> <p>Site Name: Scott Bros Recycling Limited Correspondence Address: -</p>
27E	774	SW	454521 520793	<p>Site Address: Land/premises At, Holden Close, Bolckow Ind Est, Middlesbrough, Cleveland, TS6 7AA</p> <p>Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes</p> <p>Environmental Permitting Regulations (Waste) Licence Number: JWS001 EPR reference: EA/EPR/KP3490ZT/T004 Operator: J W S Recycling Ltd</p> <p>Waste Management licence No: 60134 Annual Tonnage: 24999.0</p> <p>Issue Date: 04/11/1996 Effective Date: 30/07/2005 Modified: 29/09/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred</p> <p>Site Name: J W S Recycling Correspondence Address: -</p>
28E	774	SW	454521 520793	<p>Site Address: Holden Close, Bolckow Ind Est, Middlesbrough, TS6 7AA</p> <p>Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes</p> <p>Issue Date: 04/11/1996 Effective Date: 15/11/2002 Modified: 11/04/2002 Surrendered Date: - Expiry Date: -</p>

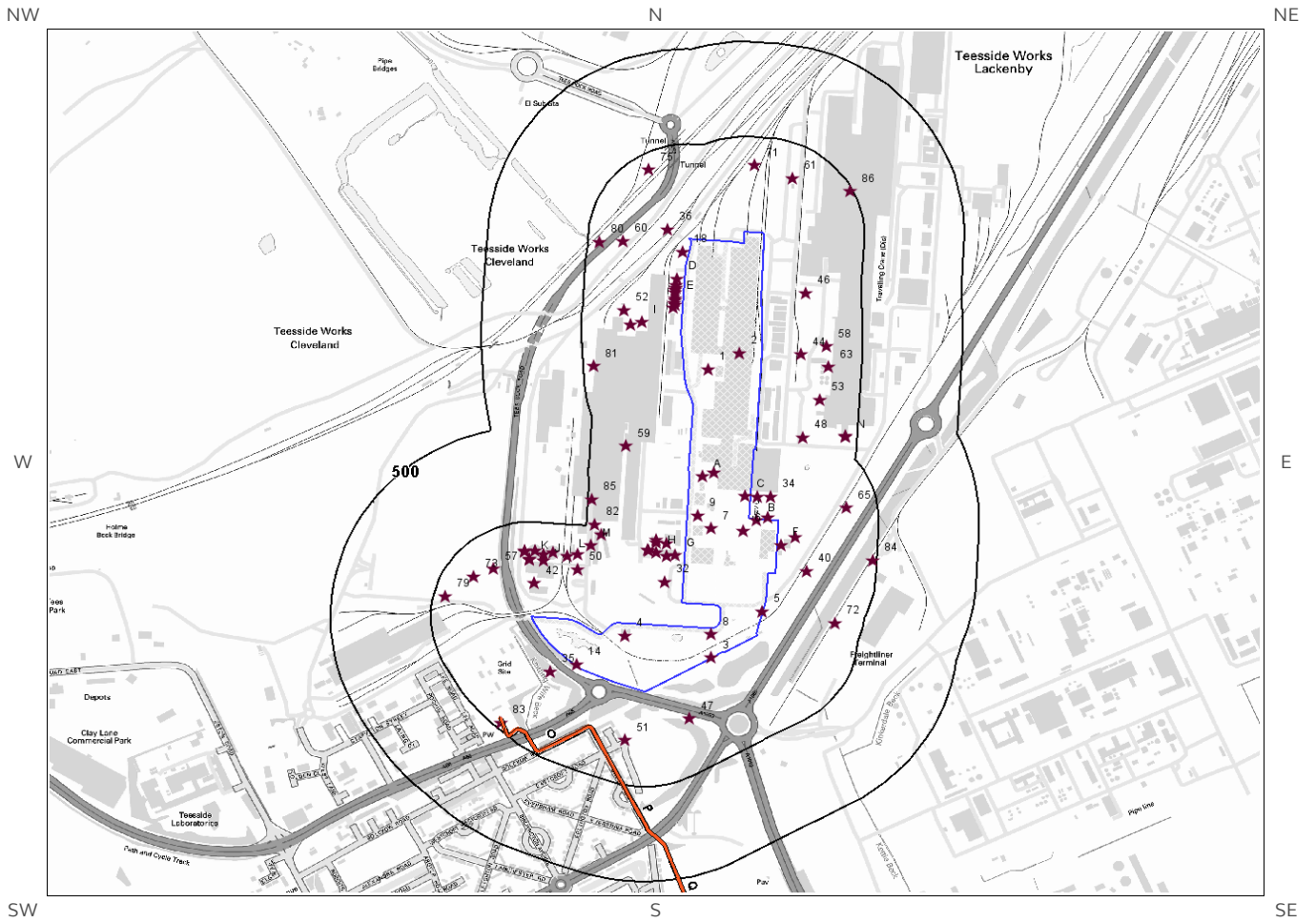
ID	Distance (m)	Direction	NGR	Details	
				Environmental Permitting Regulations (Waste) Licence Number: CAM001 EPR reference: - Operator: Campbell John Waste Management licence No: 60134 Annual Tonnage: 4999.0	Cancelled Date: - Status: Transferred Site Name: Bolckow Ind Est Correspondence Address: 17, Studland Road, Redcar, TS10 2RE
29F	937	W	454638 522245	Site Address: P O Box 90, Wilton, Middlesbrough, Cleveland, TS10 4RE Type: Household, Commercial & Industrial Waste Landfill Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ICI001 EPR reference: EA/EPR/UP3290ZE/A001 Operator: Impetus Waste Management Waste Management licence No: 60099 Annual Tonnage: 150000.0	Issue Date: 10/11/1986 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC Site Name: Teesport - No 2 Correspondence Address: -
30F	937	W	454638 522245	Site Address: P O Box 90, Wilton, Middlesbrough, TS10 4RE Type: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ICI001 EPR reference: - Operator: I C I Chemicals & Polymers Ltd Waste Management licence No: 60099 Annual Tonnage: 150000.0	Issue Date: 10/11/1986 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Teesport Correspondence Address: Room C215, The Wilton Centre, Wilton, Redcar, TS10 4RF
31F	937	W	454638 522245	Site Address: No 3 Teesport Landfill, Grangetown, Middlesbrough, Cleveland, TS6 6UG Type: Other Landfill Site taking Special Waste Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: IMP001 EPR reference: EA/EPR/WP3296ZU/A001 Operator: Impetus Waste Management Ltd Waste Management licence No: 66181 Annual Tonnage: 62894.0	Issue Date: 09/11/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC Site Name: I C I No 3 Teesport Landfill Correspondence Address: -
32	1063	E	456856 521567	Site Address: Biolite Treatment Centre, Stores Road, Wilton International Site, Middlesbrough, Cleveland, TS6 7SD Type: Physico-Chemical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: POW085 EPR reference: EA/EPR/DB3606TQ/A001 Operator: Power Minerals Limited Waste Management licence No: 402927 Annual Tonnage: 21.0	Issue Date: 20/05/2016 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Biolite Treatment Centre Correspondence Address: -
33G	1115	W	454484 522426	Site Address: I C I No3 (Teesport) Landfill, Grangetown, Middlesbrough, Cleveland, TS6 6UG Type: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRE001 EPR reference: EA/EPR/JP3534VK/T001 Operator: Green North East Trading Bidco Limited Waste Management licence No: 401184 Annual Tonnage: 100000.0	Issue Date: 22/01/2014 Effective Date: 14/05/2014 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred Site Name: Waste Treatment Facility At I C I No3 (Teesport) Landfill Site Correspondence Address: -
34G	1115	W	454484	Site Address: I C I No3 (Teesport) Landfill,	Issue Date: 22/01/2014

ID	Distance (m)	Direction	NGR	Details	
			522426	<p>Grangetown, Middlesborough, Cleveland, TS6 6UG Type: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: IMP052 EPR reference: EA/EPR/LP3436NM/A001 Operator: North Tees Waste Management Limited Waste Management licence No: 401184 Annual Tonnage: 100000.0</p>	<p>Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Waste Treatment Facility At I C I No3 (Teesport) Landfill Site Correspondence Address: -</p>
35H	1151	NW	454247 521870	<p>Site Address: Teesside Division, Steel House, Redcar, TS10 5QW Type: Other Landfill Site taking Special Waste Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: BRI005 EPR reference: - Operator: Corus Construction & Industrial (B Steel) Waste Management licence No: 60136 Annual Tonnage: 1047550.0</p>	<p>Issue Date: 01/04/1977 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: B S Cleveland Works Correspondence Address: Steel House, Redcar, Cleveland, TS10 5QW</p>
36H	1151	NW	454247 521870	<p>Site Address: Teesside Division, Steel House, Redcar, TS10 5QW Type: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI005 EPR reference: - Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60136 Annual Tonnage: 1047550.0</p>	<p>Issue Date: 01/04/1977 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: B S Cleveland Works Correspondence Address: Steel House, Redcar, Cleveland, TS10 5QW</p>
37H	1151	NW	454247 521870	<p>Site Address: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Type: Other Landfill Site taking Special Waste Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI005 EPR reference: EA/EPR/KP3690ZZ/A001 Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60136 Annual Tonnage: 1047550.0</p>	<p>Issue Date: 01/04/1977 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC Site Name: B S Cleveland Works Correspondence Address: -</p>
38H	1151	NW	454247 521870	<p>Site Address: Teesside Division, Steel House, Redcar, TS10 5QW Type: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI005 EPR reference: - Operator: Corus Construction & Industrial (B Steel) Waste Management licence No: 60136 Annual Tonnage: 1047550.0</p>	<p>Issue Date: 01/04/1977 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: B S Cleveland Works Correspondence Address: Steel House, Redcar, Cleveland, TS10 5QW</p>
Not shown	1222	E	457017 521553	<p>Site Address: Plastics Road, Wilton Ind Est, Redcar, Cleveland, TS10 4RG Type: Material Recycling Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS003</p>	<p>Issue Date: 14/09/2004 Effective Date: - Modified: 25/06/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified</p>

ID	Distance (m)	Direction	NGR	Details	
				EPR reference: EA/EPR/FP3396ZN/V004 Operator: Biffa Polymers Ltd Waste Management licence No: 66100 Annual Tonnage: 75000.0	Site Name: Biffa Polymers Ltd Correspondence Address: -
Not shown	1222	E	457017 521553	Site Address: Plastics Road, Wilton Ind Est, Redcar, Cleveland, TS10 4RG Type: Material Recycling Treatment Facility Size: >= 25000 tonnes < 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS003 EPR reference: FP3396ZN/V004 Operator: Greenstar (W E S) Ltd Waste Management licence No: 66100 Annual Tonnage: 0.0	Issue Date: 14/09/2004 Effective Date: - Modified: 25/06/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Greenstar (W E S) Ltd Correspondence Address: -
Not shown	1317	E	457116 521493	Site Address: Plastics Road, Wilton Ind Est, Redcar, Cleveland, TS10 4RG Type: Material Recycling Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS003 EPR reference: FP3396ZN/V003 Operator: Greenstar (W E S) Ltd Waste Management licence No: 66100 Annual Tonnage: 0.0	Issue Date: 14/09/2004 Effective Date: - Modified: 27/01/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified Site Name: Greenstar (W E S) Ltd Correspondence Address: -
Not shown	1317	E	457116 521493	Site Address: Plastics Road, Wilton International, Redcar, TS10 4RG Type: Material Recycling Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS003 EPR reference: - Operator: Waste Exchange Services Ltd Waste Management licence No: 66100 Annual Tonnage: 0.0	Issue Date: 14/09/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Waste Exchange Services Correspondence Address: Plastics Road, Wilton International, Redcar, TS10 4RG
431	1368	SE	457000 520600	Site Address: Wilton, Middlesbrough, Cleveland, TS6 8JA Type: In-House Storage Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ICI001 EPR reference: EA/EPR/DP3793NS/A001 Operator: I C I Chemicals & Polymers Ltd Waste Management licence No: 68648 Annual Tonnage: 7500.0	Issue Date: 04/06/1990 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/05/1994 Cancelled Date: - Status: Expired Site Name: Wilton Site Correspondence Address: -
441	1368	SE	457000 520600	Site Address: Wilton, Middlesbrough, Cleveland, TS6 8JA Type: In-House Storage Facility Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: ICI001 EPR reference: - Operator: I C I Chemical & Polymers Ltd Waste Management licence No: 68648 Annual Tonnage: 0.0	Issue Date: 04/06/1990 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/05/1994 Cancelled Date: - Status: Expired Site Name: Wilton Site Correspondence Address: P O Box 54, Wilton, Middlesbrough, Cleveland, TS6 8JA
451	1368	SE	457000 520600	Site Address: Wilton, Middlesbrough, Cleveland, TS6 8JA Type: In-House Storage Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ICI001 EPR reference: -	Issue Date: 04/06/1990 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 01/05/1994 Cancelled Date: - Status: Expired

ID	Distance (m)	Direction	NGR	Details
				Operator: I C I Chemical & Polymers Ltd Waste Management licence No: 68648 Annual Tonnage: 0.0 Site Name: Wilton Site Correspondence Address: P O Box 54, Wilton, Middlesbrough, Cleveland, TS6 8JA
Not shown	1378	W	453817 521003	Site Address: Old Fire Station, Middlesbrough Road East, Grangetown, Middlesbrough, Cleveland, TS6 6TZ Type: 75kte HCl Waste TS + treatment Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CWR001 EPR reference: EA/EPR/FB3904CH/A001 Operator: C W Russell Ltd Waste Management licence No: 404253 Annual Tonnage: 74999.0 Issue Date: 27/10/2017 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: C W Russell Haulage Ltd Correspondence Address: -
Not shown	1443	E	457200 522000	Site Address: Polymer Industries, Polythene Road, Wilton International, Redcar, Cleveland, TS10 4RG Type: Physical Treatment Facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: UTI001 EPR reference: EA/EPR/HP3896ZS/A001 Operator: Polymer Industries (U K) Ltd Waste Management licence No: 66086 Annual Tonnage: 24999.0 Issue Date: 31/03/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 11/10/2017 Cancelled Date: - Status: Expired Site Name: Polymer Industries Correspondence Address: -
48J	1460	W	454117 522291	Site Address: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Type: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI004 EPR reference: - Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60135 Annual Tonnage: 73000.0 Issue Date: 07/10/1976 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: B S Cleveland Landfill Correspondence Address: Steel House, Redcar, Cleveland, TS10 5QW
49J	1460	W	454117 522291	Site Address: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Type: Other Landfill Site taking Special Waste Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI004 EPR reference: - Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60135 Annual Tonnage: 73000.0 Issue Date: 07/10/1976 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: B S Cleveland Landfill Correspondence Address: Steel House, Redcar, Cleveland, TS10 5QW
50J	1460	W	454117 522291	Site Address: Teesside Division, Steel House, Redcar, Cleveland, TS10 5QW Type: Other Landfill Site taking Special Waste Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BRI004 EPR reference: EA/EPR/KP3290ZU/A001 Operator: Corus Construction & Industrial (British Steel Plc) Waste Management licence No: 60135 Annual Tonnage: 73000.0 Issue Date: 07/10/1976 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC Site Name: B S Cleveland Landfill Correspondence Address: -

4. Current Land Use Map



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



Site Outline

★ Current Industrial Sites

— Electricity Transmission Cables

— 250 — Search Buffers (m)
— 500 —

● Petrol & Fuel Sites

— Gas Transmission Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

86

The following records are represented as points on the Current Land Uses map.

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0	On Site	Travelling Crane	455622 521852	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
2	0	On Site	Teesside Works, Lackenby	455701 521894	North Yorkshire, TS6	Unspecified Works Or Factories	Industrial Features
3	0	On Site	Pipeline	455629 521093	North Yorkshire, TS6	Pipelines	Industrial Features
4	0	On Site	Tank	455414 521150	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
5	0	On Site	Pipeline	455757 521214	North Yorkshire, TS6	Pipelines	Industrial Features
6	0	On Site	Travelling Crane	455709 521427	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
7	0	On Site	Travelling Crane	455630 521433	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
8	0	On Site	Pylon	455629 521154	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
9	0	On Site	Travelling Crane	455596 521467	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
10B	0	On Site	Travelling Crane	455742 521454	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
11A	0	On Site	Tank	455608 521570	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
12A	0	On Site	Travelling Crane	455637 521579	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
13C	0	On Site	Travelling Crane	455714 521518	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
14	0	On Site	Pipeline	455295 521075	North Yorkshire, TS6	Pipelines	Industrial Features
15F	9	E	Chimney	455805 521389	North Yorkshire, TS6	Chimneys	Industrial Features
16B	9	N	Travelling Crane	455772 521462	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
17C	16	E	Travelling Crane	455745 521516	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
18	18	W	Pylon	455558 522161	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
19D	20	W	Tank	455545 522090	North Yorkshire, TS6	Tanks (Generic)	Industrial Features

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
20E	21	W	Tank	455541 522038	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
21D	21	W	Tank	455543 522072	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
22E	21	W	Tank	455540 522032	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
23D	22	W	Tank	455542 522066	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
24E	22	W	Tank	455539 522022	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
25E	22	W	Tank	455541 522055	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
26E	23	W	Tank	455538 522026	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
27D	23	W	Tank	455540 522061	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
28E	24	W	Tank	455536 522013	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
29G	26	W	Travelling Crane	455539 521362	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
30F	44	E	Pipeline	455841 521409	North Yorkshire, TS6	Pipelines	Industrial Features
31G	46	W	Tank	455518 521360	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
32	47	W	Tank	455513 521292	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
33G	48	W	Tank	455519 521394	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
34	49	E	Travelling Crane	455778 521516	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
35	52	SW	Pylon	455228 521056	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
36	59	NW	Pylon	455522 522220	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
37H	72	W	Travelling Crane	455493 521369	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
38H	73	W	Tank	455494 521396	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
39H	73	W	Tank	455494 521402	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
40	76	E	Pylon	455869 521320	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
41H	90	W	Cooling Tower	455475 521375	North Yorkshire, TS6	Chimneys	Industrial Features
42	91	N	Tank	455188 521289	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
43H	94	W	Cooling Tower	455471 521376	North Yorkshire, TS6	Chimneys	Industrial Features
44	97	E	Travelling Crane	455854 521890	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
45I	100	W	Travelling Crane	455458 521976	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
46	109	E	Travelling Crane	455865 522052	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
47	112	SE	Pylon	455575 520932	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
48	114	E	Pipeline	455858 521672	North Yorkshire, TS6	Pipelines	Industrial Features
49I	129	W	Travelling Crane	455428 521969	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
50	135	N	Tank	455296 521325	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
51	136	S	Electricity Sub Station	455415 520875	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
52	146	W	Cooling Tower	455413 522007	North Yorkshire, TS6	Chimneys	Industrial Features
53	151	E	Travelling Crane	455901 521771	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
54J	151	N	Tank	455211 521348	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
55J	152	N	Tank	455176 521350	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
56K	155	N	Tank	455176 521353	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
57	159	NW	Pylon	455086 521326	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
58	161	E	Tank	455919 521912	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
59	162	W	Chimney	455417 521650	North Yorkshire, TS6	Chimneys	Industrial Features
60	163	W	Pylon	455411 522189	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
61	164	NE	Pylon	455832 522355	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
62L	167	N	Chimney	455270 521359	North Yorkshire, TS6	Chimneys	Industrial Features
63	167	E	Tank	455922 521857	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
64J	168	N	Tank	455211 521365	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
65	171	E	Pylon	455967 521487	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
66J	174	N	Tank	455235 521369	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
67K	175	N	Cooling Tower	455165 521372	North Yorkshire, TS6	Chimneys	Industrial Features
68K	175	N	Tank	455191 521373	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
69L	175	N	Tank	455297 521365	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
70K	176	N	Cooling Tower	455164 521373	North Yorkshire, TS6	Chimneys	Industrial Features
71	178	N	Pylon	455739 522389	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
72	179	E	Travelling Crane	455938 521183	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
73	179	NW	Pylon	455038 521306	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
74M	204	N	Pipe Gantry	455329 521388	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
75	210	NW	Pipelines	455473 522377	North Yorkshire, TS6	Pipelines	Industrial Features
76M	212	W	Tank	455356 521416	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
77N	221	E	Tank	455965 521673	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
78N	222	E	Tank	455966 521677	North Yorkshire, TS6	Tanks (Generic)	Industrial Features
79	223	W	Pipeline	454966 521254	North Yorkshire, TS6	Pipelines	Industrial Features
80	223	W	Pipelines	455351 522187	North Yorkshire, TS6	Pipelines	Industrial Features
81	223	W	Conveyor	455338 521860	North Yorkshire, TS6	Conveyors	Industrial Features
82	229	W	Electricity Sub Station	455340 521443	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
83	234	SW	Electricity Sub Station	455106 520921	North Yorkshire, TS6	Electrical Features	Infrastructure and Facilities
84	239	E	Travelling Crane	456033 521349	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
85	241	W	Pipe Gantry	455332 521509	North Yorkshire, TS6	Travelling Cranes and Gantries	Industrial Features
86	242	NE	Teesside Works Lackenby	455976 522320	North Yorkshire, TS6	Unspecified Works Or Factories	Industrial Features

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

0

Database searched and no data found.

4.3 National Grid High Voltage Underground Electricity Transmission Cables

This dataset identifies the high voltage electricity transmission lines running between generating power plants and electricity substations. The dataset does not include the electricity distribution network (smaller, lower voltage cables distributing power from substations to the local user network). This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high voltage underground electricity transmission cables within 500m of the study site: 6

The following Underground Electricity Transmission Cable records are represented as linear features on the Current Land Use map:

ID	Distance (m)	Direction	Details
87O	131	S	Cable Set: GRANGETOWN - LACKENBY 1 CABLE SECTION 06 Cable Route: GRANGETOWN - LACKENBY 1 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: -
88O	131	S	Cable Set: GRANGETOWN - LACKENBY 2 CABLE SECTION 06 Cable Route: GRANGETOWN - LACKENBY 2 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: -
89P	184	S	Cable Set: GRANGETOWN - LACKENBY 1 CABLE SECTION 05 Cable Route: GRANGETOWN - LACKENBY 1 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: N
90P	185	S	Cable Set: GRANGETOWN - LACKENBY 2 CABLE SECTION 05 Cable Route: GRANGETOWN - LACKENBY 2 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: N
91Q	496	S	Cable Set: GRANGETOWN - LACKENBY 1 CABLE SECTION 04 Cable Route: GRANGETOWN - LACKENBY 1 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: N
92Q	496	S	Cable Set: GRANGETOWN - LACKENBY 2 CABLE SECTION 04 Cable Route: GRANGETOWN - LACKENBY 2 Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275 Year of installation: 1962 Cable in tunnel: N

4.4 National Grid High Pressure Gas Transmission Pipelines

This dataset identifies high-pressure, large diameter pipelines which carry gas between gas terminals, power stations, compressors and storage facilities. The dataset does not include the Local Transmission System (LTS) which supplies gas directly into homes and businesses. This information has been extracted from databases held by National Grid and is provided for information only with no guarantee as to its completeness or accuracy. National Grid do not offer any warranty as to the accuracy of the available data and are excluded from any liability for any such inaccuracies or errors.

Records of National Grid high pressure gas transmission pipelines within 500m of the study site: 0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
GLLDD-XCZ	GLACIOLACUSTRINE DEPOSITS, DEVENSIAN	CLAY AND SILT
ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

5.3 Bedrock and Solid Geology

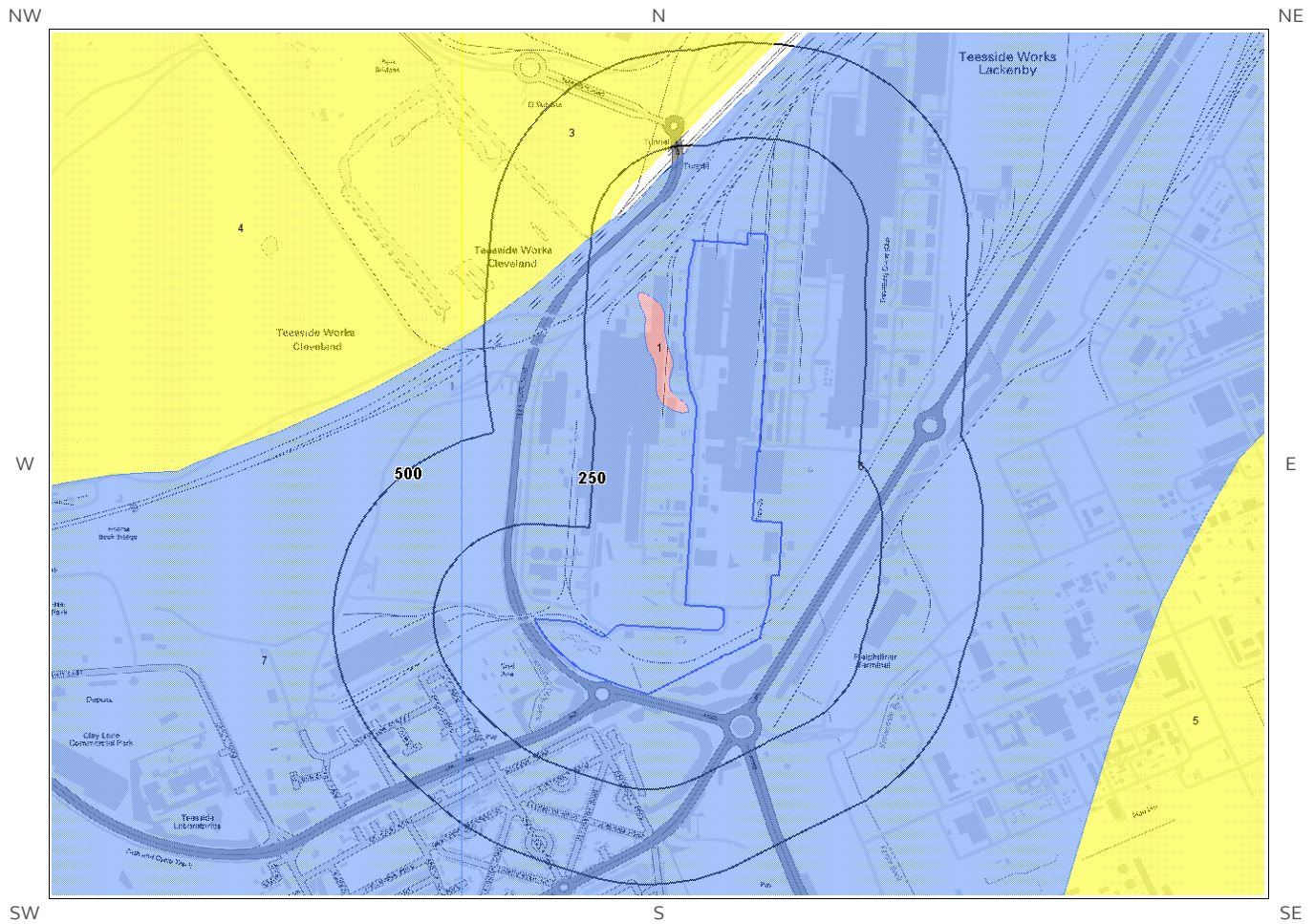
The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
RMU-MDST	REDCAR MUDSTONE FORMATION	MUDSTONE
PNG-MDST	PENARTH GROUP	MUDSTONE
MMG-MDST	MERCIA MUDSTONE GROUP	MUDSTONE

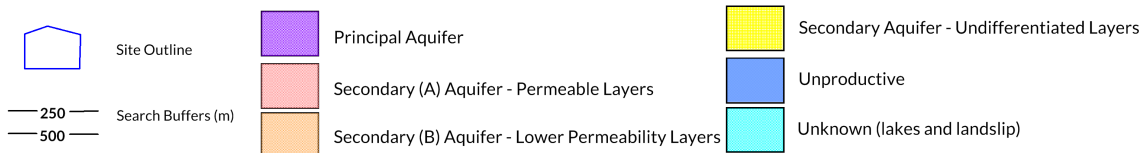
(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

6 Hydrogeology and Hydrology

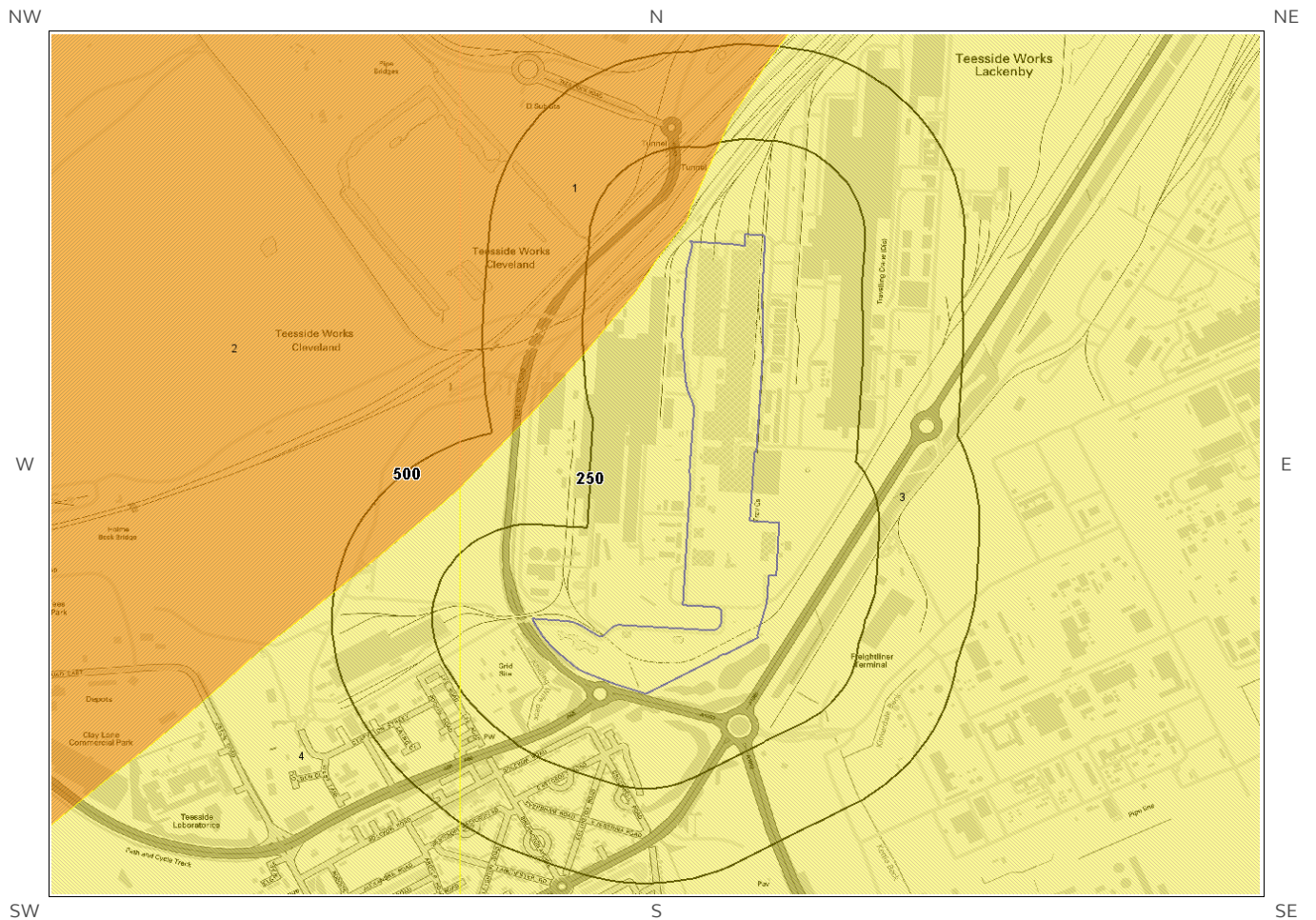
6a. Aquifer Within Superficial Geology



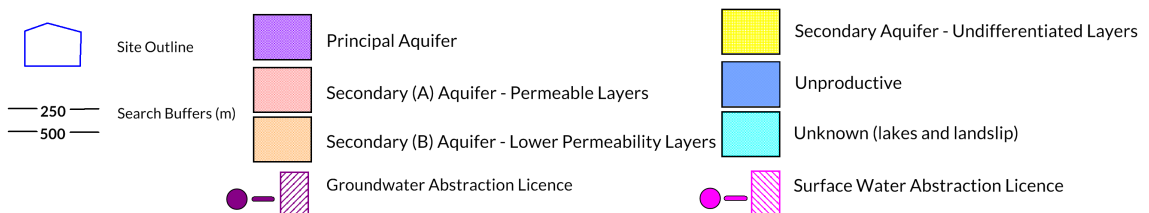
© Crown copyright and database rights 2019
Ordnance Survey licence 100035207.



6b. Aquifer Within Bedrock Geology and Abstraction Licences

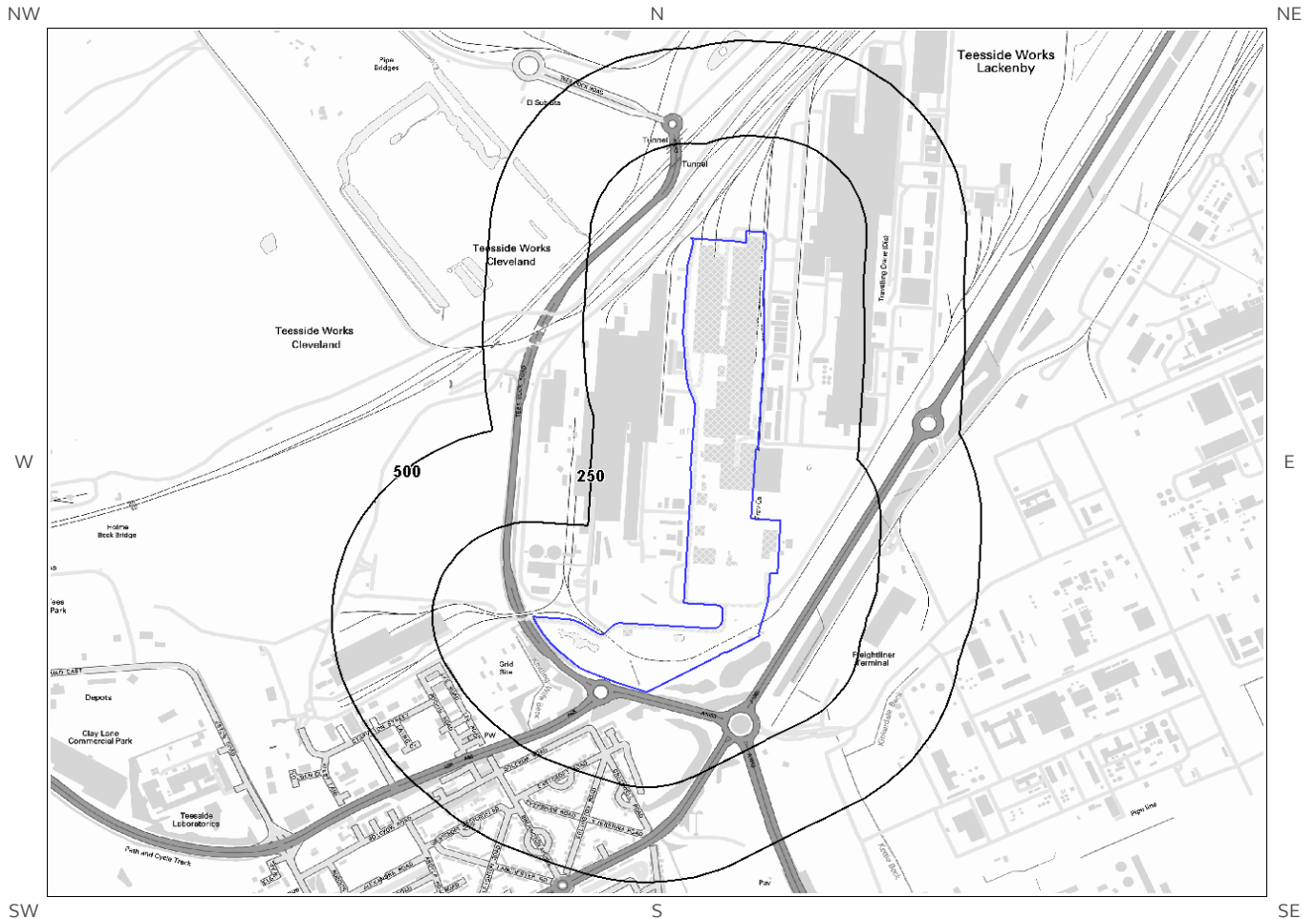


© Crown copyright and database rights 2019
Ordnance Survey licence 100035207.

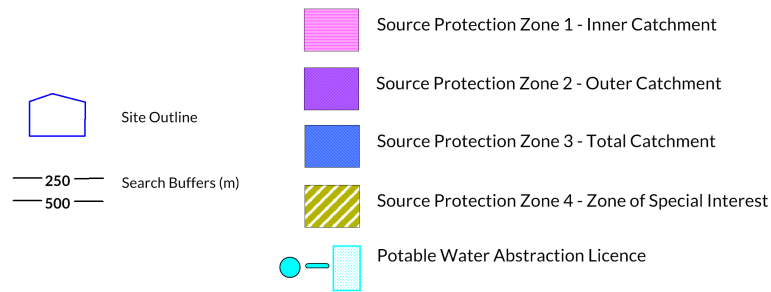




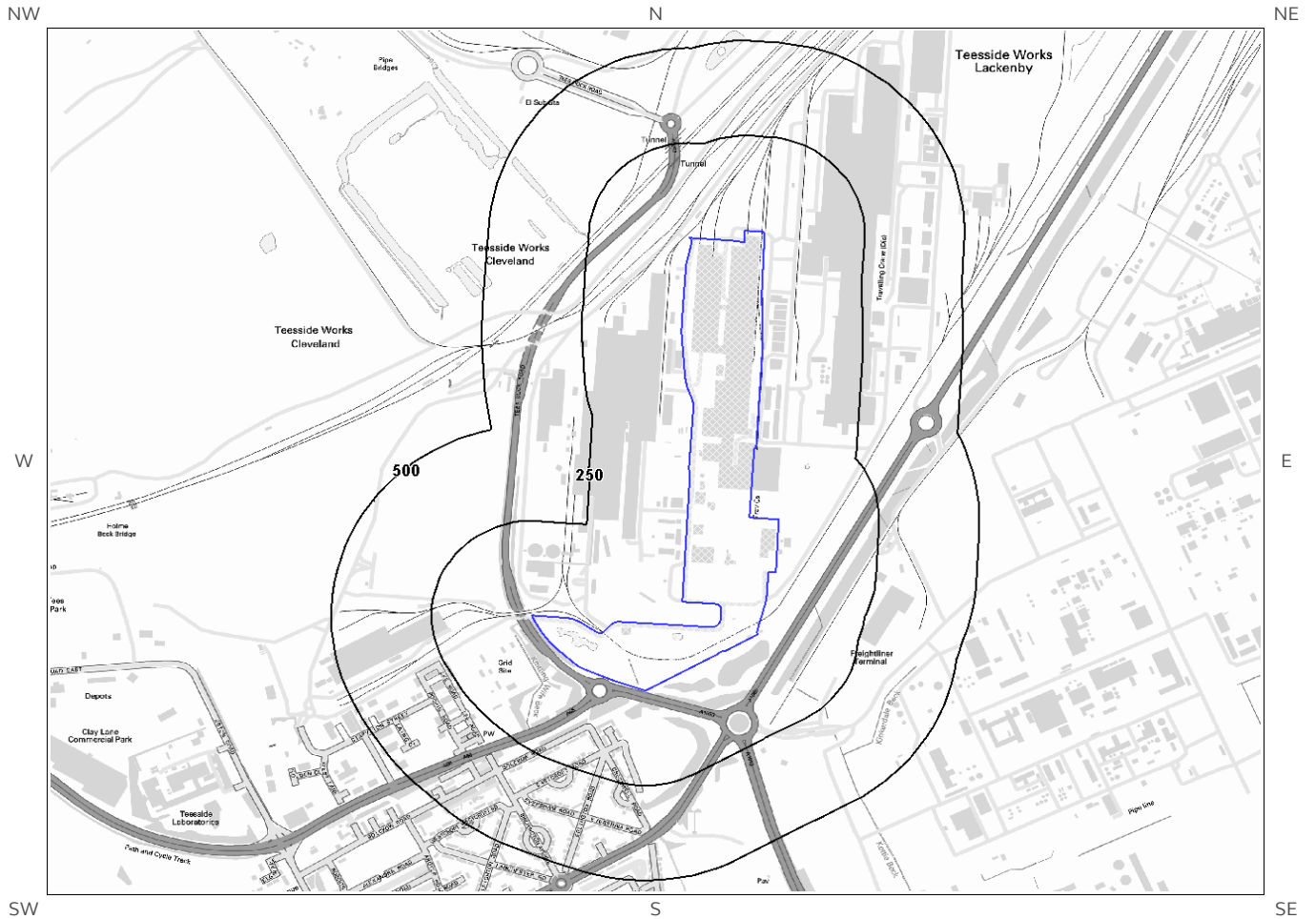
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licences



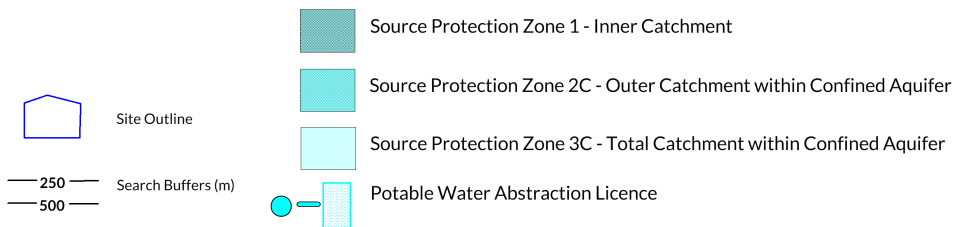
© Crown copyright and database rights 2019
Ordnance Survey licence 100035207.



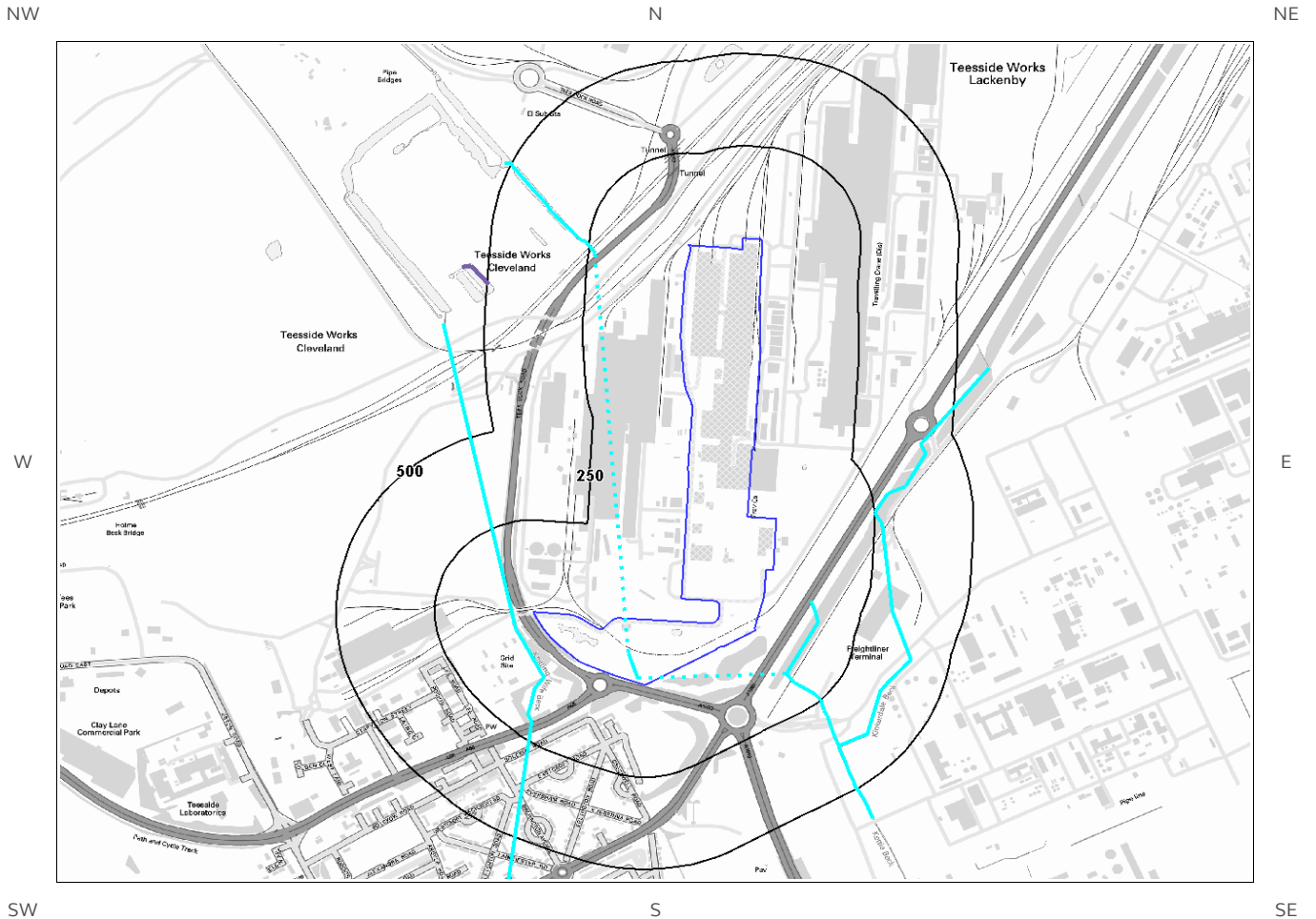
6d. Hydrogeology – Source Protection Zones within confined aquifer



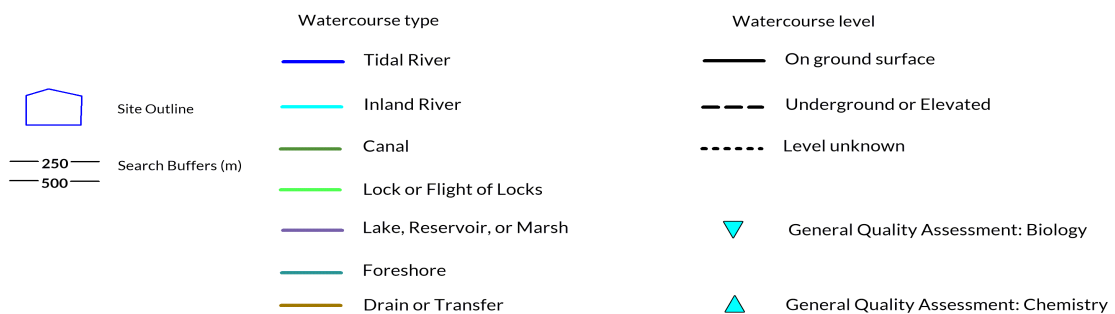
© Crown copyright and database rights 2019
Ordnance Survey licence 100035207.



6e. Hydrology – Watercourse Network and River Quality



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Records of strata classification within the superficial geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (6a):

ID	Distance (m)	Direction	Designation	Description
6	0	On Site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
1	20	W	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
7	181	W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
3	211	NW	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

6.2 Aquifer within Bedrock Deposits

Records of strata classification within the bedrock geology at or in proximity to the property Yes

From 1 April 2010, the Environment Agency/Natural Resources Wales's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the Groundsure Enviro Insight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	Designation	Description
3	0	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
1	38	NW	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
4	181	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
2	377	NW	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

6.3 Groundwater Abstraction Licences

Groundwater Abstraction Licences within 2000m of the study site

None identified

Database searched and no data found.

6.4 Surface Water Abstraction Licences

Surface Water Abstraction Licences within 2000m of the study site

Identified

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (6b):

ID	Distance (m)	Direction	NGR	Details
Not shown	1630	NW	454600 523500	Status: Historical Licence No: 1/25/04/123 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: RIVER TEES Data Type: Point Name: TEES BULK HANDLING LTD Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 31/05/1973 Expiry Date: - Issue No: 100 Version Start Date: 31/07/1974 Version End Date:
Not shown	1630	NW	454600 523500	Status: Historical Licence No: 1/25/04/123 Details: Dust suppression Direct Source: SURFACE WATER Point: RIVER TEES Data Type: Point Name: TEES BULK HANDLING LTD Annual Volume (m³): - Max Daily Volume (m³): - Application No: - Original Start Date: 31/05/1973 Expiry Date: - Issue No: 100 Version Start Date: 31/07/1974 Version End Date:

6.5 Potable Water Abstraction Licences

Potable Water Abstraction Licences within 2000m of the study site

None identified

Database searched and no data found.

6.6 Source Protection Zones

Source Protection Zones within 500m of the study site

None identified

Database searched and no data found.

6.7 Source Protection Zones within Confined Aquifer

Source Protection Zones within the Confined Aquifer within 500m of the study site None identified

Historically, Source Protection Zone maps have been focused on regulation of activities which occur at or near the ground surface, such as prevention of point source pollution and bacterial contamination of water supplies. Sources in confined aquifers were often considered to be protected from these surface pressures due to the presence of a low permeability confining layer (e.g. glacial till, clay). The increased interest in subsurface activities such as onshore oil and gas exploration, ground source heating and cooling requires protection zones for confined sources to be marked on SPZ maps where this has not already been done.

Database searched and no data found.

6.8 Groundwater Vulnerability and Soil Leaching Potential

Environment Agency/Natural Resources Wales information on groundwater vulnerability and soil leaching potential within 500m of the study site Identified

Distance (m)	Direction	Classification	Soil Vulnerability Category	Description
219	NW	Minor Aquifer/High Leaching Potential	HU	Soil information for urban areas and restored mineral workings. These soils are therefore assumed to be highly permeable in the absence of site-specific information.

6.9 River Quality

Environment Agency/Natural Resources Wales information on river quality within 1500m of the study site None identified

6.9.1 Biological Quality:

Database searched and no data found.

6.9.2 Chemical Quality:

Database searched and no data found.

6.10 Ordnance Survey MasterMap Water Network

Ordnance Survey MasterMap Water Network entries within 500m of the study site

This watercourse information is provided by Ordnance Survey MasterMap Water Network. The data provides a detailed centre line following the curve of the waterway precisely, so all distances provided in the report should be understood as measurements to the centreline rather than a measurement to the nearest point of the watercourse. Underground watercourses are inferred from entry and exit points so caution is advised in using these to indicate precise locations of underground watercourses when planning site investigation and development.

The following Ordnance Survey MasterMap Water Network records are represented on the Hydrology Map (6e):

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
1	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
3	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
1	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
2	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
3	0 On Site	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Not provided Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	52 W	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
4	52 W	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
5	59 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
5	59 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7
6	61 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	61 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
6	61 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
7	61 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.0
8	67 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
8	67 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.8
9	118 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
9	118 E	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
10	126 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
10	126 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
11	141 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
11	141	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SE			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
12	170 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
12	170 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.6
13	178 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
13	178 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
14	183 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.3
14	183 SW	Knitting Wife Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.3
15	202 SW	Cross Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
15	202 SW	Cross Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	226 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
16	226 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
17	235 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 8.2
17	235 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): 8.2
18	250 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	250 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
18	250 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
19	250 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
20	251 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.2
20	251 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.2
21	270 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
21	270 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	278 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
22	278 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
23	286 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5
23	286 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.5

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
24	289 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
24	289 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	294 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
25	294 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
26	323 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7
26	323 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 1.7
27	338 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
27	338 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	339 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
28	339 E	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
29	356 SE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
29	356 SE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
30	357	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
	SE			Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
30	357 SE	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
31	369 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
31	369 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: Underground Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
32	376 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 15.5
32	376 W	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 15.5
33	380 SE	Kettle Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
33	380 SE	Kettle Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 2.2
34	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
35	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
36	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
34	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
35	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions)

ID	Distance/ Direction	Name	Type of Watercourse	Additional Details
				Average Width in Watercourse Section (m): Not Provided
36	418 NE	Kinkerdale Beck	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	487 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
37	487 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): Not Provided
38	493 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 17.3
38	493 NW	-	Inland river not influenced by normal tidal action.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 17.3
39	496 W	-	Lake, loch or reservoir.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.3
39	496 W	-	Lake, loch or reservoir.	Catchment Area: Tees Relationship to Ground Level: On ground surface Permanence: Watercourse contains water year round (in normal conditions) Average Width in Watercourse Section (m): 13.3

6.11 Surface Water Features

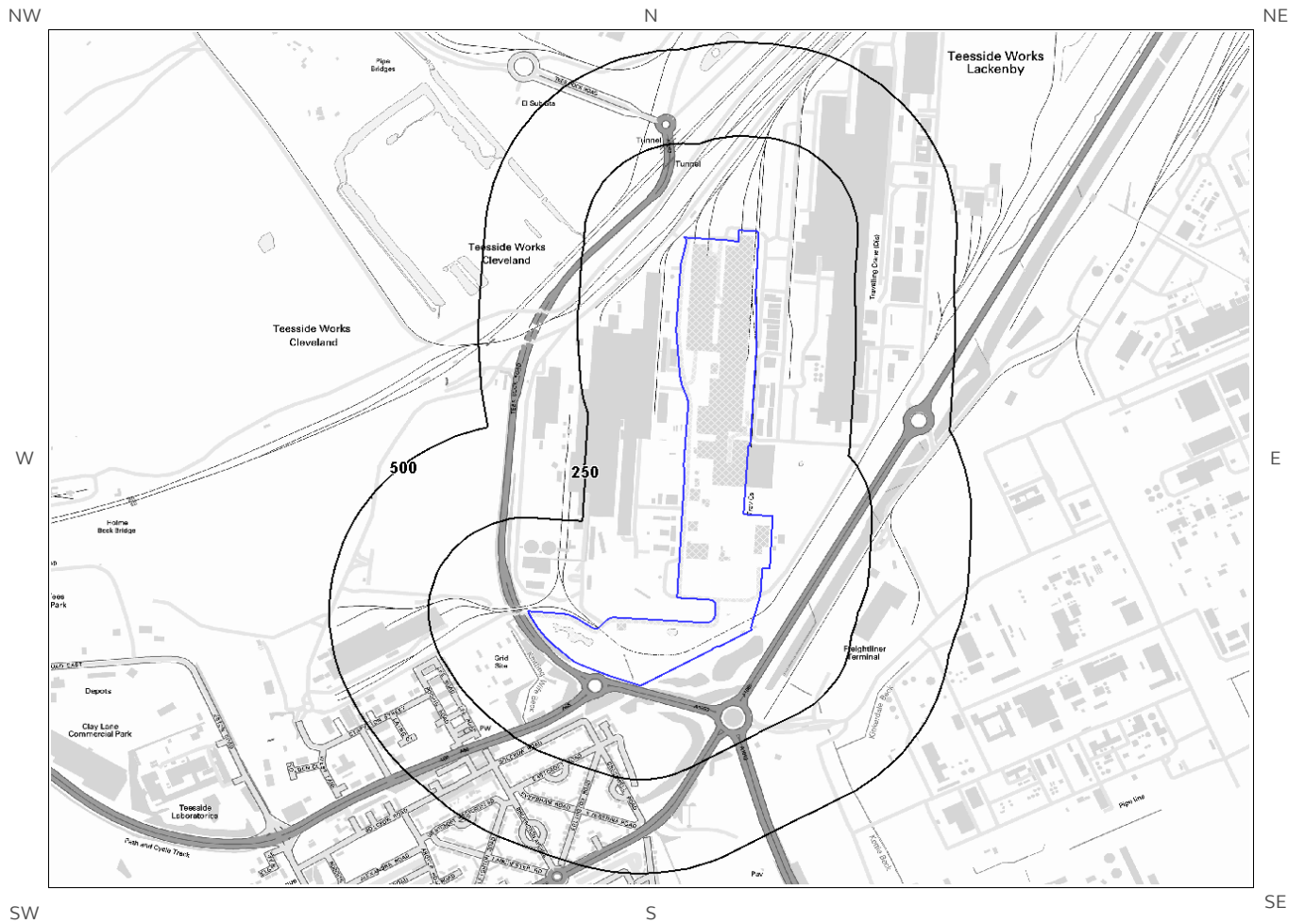
Surface water features within 250m of the study site

Identified

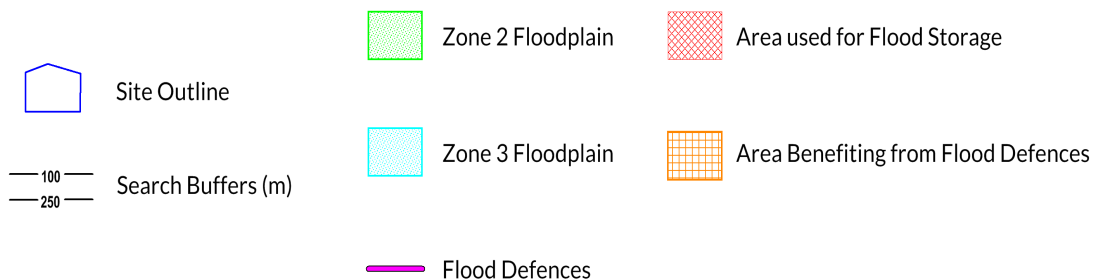
The following surface water records are not represented on mapping:

Distance (m)	Direction
0	On Site
249	W
250	E

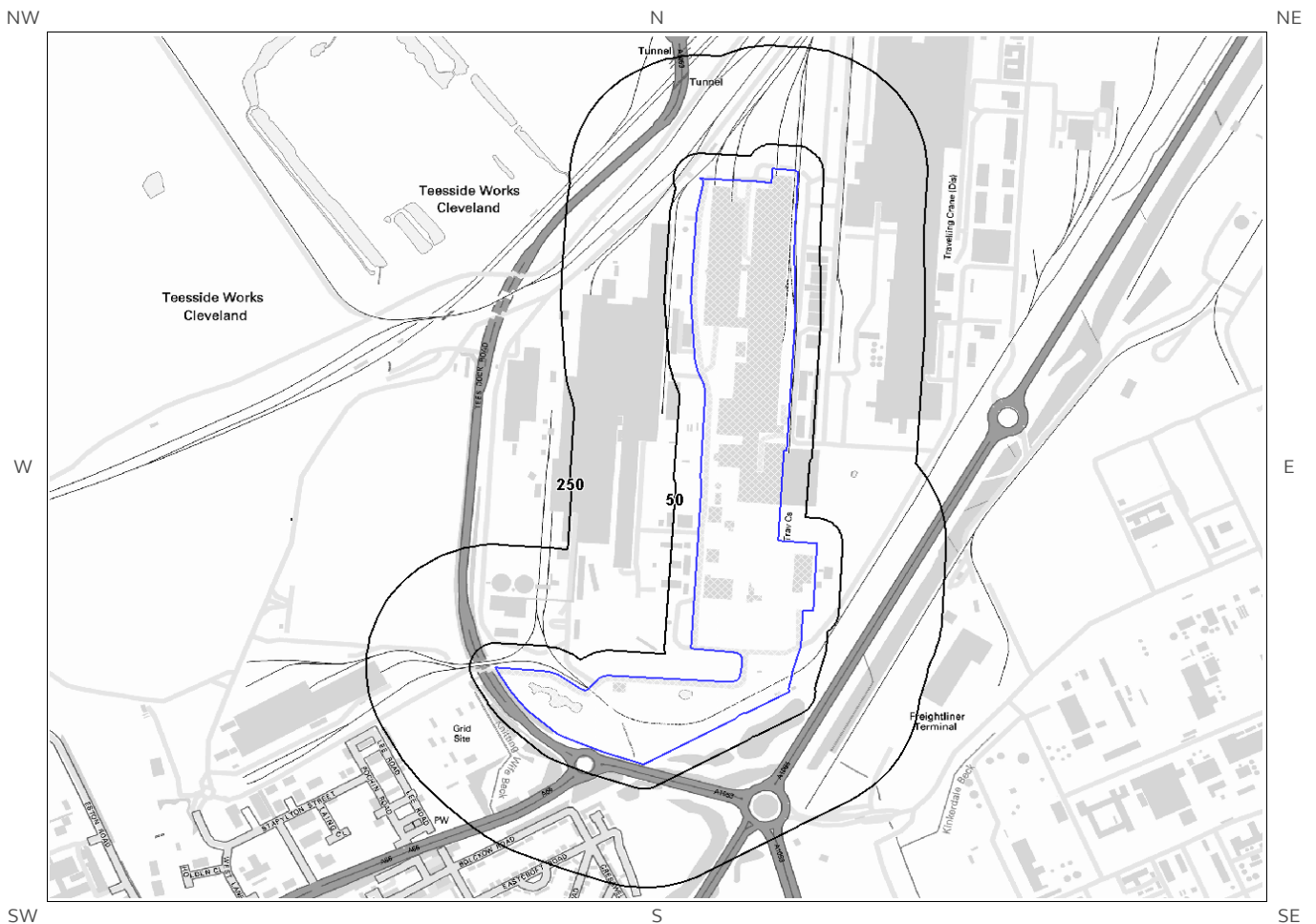
7a. Environment Agency/Natural Resources Wales Flood Map for Planning (from rivers and the sea)



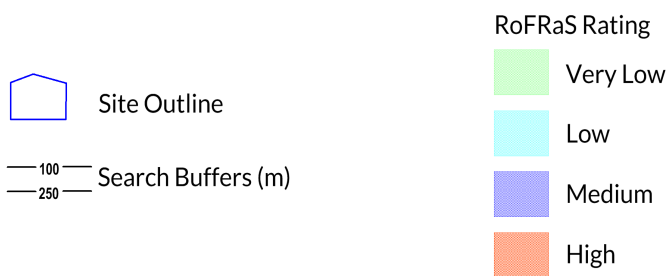
© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



7b. Environment Agency/Natural Resources Wales Risk of Flooding from Rivers and the Sea (RoFRaS) Map



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



7 Flooding

7.1 River and Coastal Zone 2 Flooding

Environment Agency/Natural Resources Wales Zone 2 floodplain within 250m None identified

Environment Agency/Natural Resources Wales Zone 2 floodplains estimate the annual probability of flooding as between 1 in 1000 (0.1%) and 1 in 100 (1%) from rivers and between 1 in 1000 (0.1%) and 1 in 200 (0.5%) from the sea. Any relevant data is represented on Map 7a – Flood Map for Planning:

Database searched and no data found.

7.2 River and Coastal Zone 3 Flooding

Environment Agency/Natural Resources Wales Zone 3 floodplain within 250m None identified

Zone 3 shows the extent of a river flood with a 1 in 100 (1%) or greater chance of occurring in any year or a sea flood with a 1 in 200 (0.5%) or greater chance of occurring in any year. Any relevant data is represented on Map 7a – Flood Map for Planning.

Database searched and no data found.

7.3 Risk of Flooding from Rivers and the Sea (RoFRaS) Flood Rating

Highest risk of flooding onsite Very Low

The Environment Agency/Natural Resources Wales RoFRaS database provides an indication of river and coastal flood risk at a national level on a 50m grid with the flood rating at the centre of the grid calculated and given above. The data considers the probability that the flood defences will overtop or breach by considering their location, type, condition and standard of protection.

RoFRaS data for the study site indicates the property is in an area with a Very Low (less than 1 in 1000) chance of flooding in any given year.

7.4 Flood Defences

Flood Defences within 250m of the study site None identified
Database searched and no data found.

7.5 Areas benefiting from Flood Defences

Areas benefiting from Flood Defences within 250m of the study site None identified

7.6 Areas benefiting from Flood Storage

Areas used for Flood Storage within 250m of the study site

None identified

7.7 Groundwater Flooding Susceptibility Areas

7.7.1 British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site Identified

Clearwater Flooding or Superficial Deposits Flooding Superficial Deposits Flooding

Notes: Groundwater flooding may either be associated with shallow unconsolidated sedimentary aquifers which overlie unproductive aquifers (Superficial Deposits Flooding), or with unconfined aquifers (Clearwater Flooding).

7.7.2 Highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions

Potential at Surface

Where potential for groundwater flooding to occur at surface is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.8 Groundwater Flooding Confidence Areas

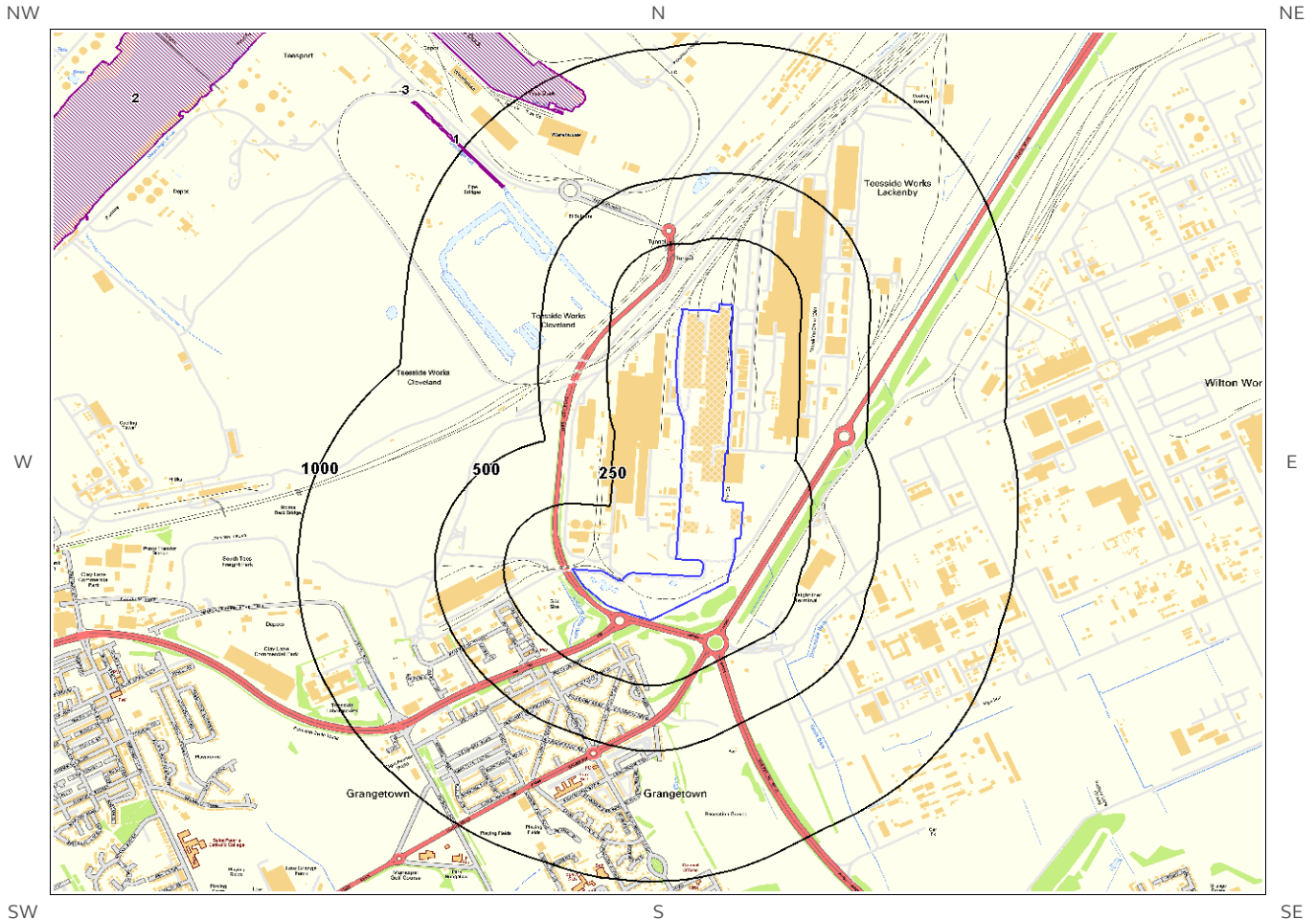
British Geological Survey confidence rating in this result

Moderate

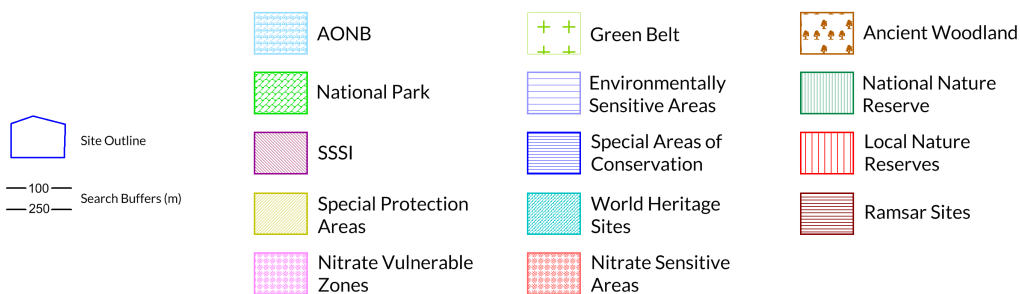
Notes: Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The confidence rating is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8. Designated Environmentally Sensitive Sites Map



© Crown copyright and database rights 2019.
Ordnance Survey licence 100035207.



8. Designated Environmentally Sensitive Sites

Designated Environmentally Sensitive Sites within 2000m of the study site

Identified

8.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:

3

The following Site of Special Scientific Interest (SSSI) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	SSSI Name	Data Source
1	796	NW	Teesmouth and Cleveland Coast	Natural England
2	854	NW	Teesmouth and Cleveland Coast	Natural England
3	1289	NW	Teesmouth and Cleveland Coast	Natural England

8.2 Records of National Nature Reserves (NNR) within 2000m of the study site:

0

Database searched and no data found.

8.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:

0

Database searched and no data found.

8.4 Records of Special Protection Areas (SPA) within 2000m of the study site:

0

Database searched and no data found.

8.5 Records of Ramsar sites within 2000m of the study site:

0

Database searched and no data found.

8.6 Records of Ancient Woodland within 2000m of the study site:

0

Database searched and no data found.

8.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:

0

Database searched and no data found.

8.8 Records of World Heritage Sites within 2000m of the study site:

0

Database searched and no data found.

8.9 Records of Environmentally Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:

0

Database searched and no data found.

8.11 Records of National Parks (NP) within 2000m of the study site:

0

Database searched and no data found.

8.12 Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

8.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:

0

Database searched and no data found.

8.14 Records of Green Belt land within 2000m of the study site:

0

Database searched and no data found.

9. Natural Hazards Findings

9.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information on geology and ground stability, please obtain a **Groundsure Geo Insight**, available from our [website](#). The following information has been found:

9.1.1 Shrink Swell

Maximum Shrink-Swell** hazard rating identified on the study site Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly medium plasticity. Do not plant trees with high soil moisture demands near to buildings. For new build, consideration should be given to advice published by the National House Building Council (NHBC) and the Building Research Establishment (BRE). There is a possible increase in construction cost to reduce potential shrink-swell problems. For existing property, there is a possible increase in insurance risk, especially during droughts or where vegetation with high moisture demands is present.

9.1.2 Landslides

Maximum Landslide* hazard rating identified on the study site Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Slope instability problems are unlikely to be present. No special actions required to avoid problems due to landslides. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with landslides.

9.1.3 Soluble Rocks

Maximum Soluble Rocks* hazard rating identified on the study site Negligible

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Soluble rocks are present, but unlikely to cause problems except under exceptional conditions. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

* This indicates an automatically generated 50m buffer and site.

9.1.4 Compressible Ground

Maximum Compressible Ground* hazard rating identified on the study site

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

9.1.5 Collapsible Rocks

Maximum Collapsible Rocks* hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

9.1.6 Running Sand

Maximum Running Sand** hazard rating identified on the study site

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Very low potential for running sand problems if water table rises or if sandy strata are exposed to water. No special actions required, to avoid problems due to running sand. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with running sand.

* This indicates an automatically generated 50m buffer and site.

9.2 Radon

9.2.1 Radon Affected Areas

Is the property in a Radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level? The site is not in a Radon Affected Area, as less than 1% of properties are above the Action Level.

The radon data in this report is supplied by the BGS/Public Health England and is the definitive map of Radon Affected Areas in Great Britain and Northern Ireland. The dataset was created using long-term radon measurements in over 479,000 homes across Great Britain and 23,000 homes across Northern Ireland, combined with geological data. The dataset is considered accurate to 50m to allow for the margin of error in geological lines, and the findings of this report supercede any answer given in the less accurate Indicative Atlas of Radon in Great Britain, which simplifies the data to give the highest risk within any given 1km grid square. As such, the radon atlas is considered indicative, whereas the data given in this report is considered definitive.

9.2.2 Radon Protection

Is the property in an area where Radon Protection are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment? No radon protective measures are necessary.

10. Mining

10.1 Coal Mining

Coal mining areas within 75m of the study site

None identified

Database searched and no data found.

10.2 Non-Coal Mining

Non-Coal Mining areas within 50m of the study site boundary

Identified

The following non-coal mining information is provided by the BGS:

Distance (m)	Direction	Name	Commodity	Assessment of likelihood
32.0	W	Abandoned Brine Wells	Salt - brine	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

Past underground mine workings may occur. The rock types present in these areas are such that small mineral veins may be present on which it is possible that small scale mining has been undertaken and/or it is possible that limited underground extraction of other materials may have occurred. All such occurrences are likely to be of minor localised extent and infrequent. It should be noted, however, that there is always the possibility of the existence of other sub-surface excavations, such as wells, cess pits, follies, air raid shelters/bunkers and other military structures etc. that could affect surface ground stability but which are outside the scope of this dataset. However, if in a coalfield area you should still consider a Coal Authority mining search for the area of interest.

10.3 Brine Affected Areas

Brine affected areas within 75m of the study site

None identified

Guidance: No Guidance Required.

Contact Details

emapsite
Telephone: 0118 9736883
sales@emapsite.com

British Geological Survey Enquiries

Kingsley Dunham Centre
Keyworth, Nottingham NG12 5GG
Tel: 0115 936 3143.
Fax: 0115 936 3276.
Email:

Web: www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries:
enquiries@bgs.ac.uk

Environment Agency

National Customer Contact Centre, PO Box 544
Rotherham, S60 1BY
Tel: 03708 506 506

Web: www.environment-agency.gov.uk

Email: enquiries@environment-agency.gov.uk

Public Health England

Public information access office
Public Health England, Wellington House
133-155 Waterloo Road, London, SE1 8UG
www.gov.uk/phe

Email: enquiries@phe.gov.uk
Main switchboard: 020 7654 8000

The Coal Authority

200 Lichfield Lane
Mansfield
Notts NG18 4RG
Tel: 0345 7626 848
DX 716176 Mansfield 5
www.coal.gov.uk

Ordnance Survey

Adanac Drive, Southampton
SO16 0AS
Tel: 08456 050505

Local Authority

Authority: Redcar and Cleveland Council
Phone: 01642 774 774

Web: <http://www.redcar-cleveland.gov.uk/>

Address: Redcar & Cleveland House, Kirkleatham Street, Redcar,

Gemapping PLC

Virginia Villas, High Street, Hartley Witney,
Hampshire RG27 8NW
Tel: 01252 845444

emapsite™



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL



**Environment
Agency**



**Public Health
England**



**The Coal
Authority**





Groundsure

LOCATION INTELLIGENCE

emapsite™

Acknowledgements: Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, Natural England/Natural Resources Wales who retain the Copyright and Intellectual Property Rights for the data.

PointX © Database Right/Copyright, Thomson Directories Limited © Copyright Link Interchange Network Limited © Database Right/Copyright and Ordnance Survey © Crown Copyright and/or Database Right. All Rights Reserved. Licence Number [03421028].

This report has been prepared in accordance with the Groundsure Ltd standard Terms and Conditions of business for work of this nature.

Standard Terms and Conditions

Groundsure's Terms and Conditions can be viewed online at this link:

<https://www.groundsure.com/terms-and-conditions-feb11-2019>