

# Enviro+Geo Insight

## **Drax Power Station**

# **Order Details**

**Date:** 25/08/2021

Your ref: Drax Power Station

Our Ref: GSIP-2021-12199-7640 A

Client: WSP UK Limited

# **Site Details**

**Location:** 467037 428882

**Area:** 62.61 ha

Authority: Selby District Council



**Summary of findings** 

p. 2 Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha



# **Summary of findings**

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	Historical industrial land uses	2	0	1	2	-
14	1.2	Historical tanks	0	0	0	0	-
<u>14</u>	<u>1.3</u>	Historical energy features	0	0	0	1	-
15	1.4	Historical petrol stations	0	0	0	0	-
15	1.5	Historical garages	0	0	0	0	-
15	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>16</u>	<u>2.1</u>	Historical industrial land uses	4	0	1	2	-
17	2.2	Historical tanks	0	0	0	0	-
<u>17</u>	<u>2.3</u>	Historical energy features	0	0	0	1	-
17	2.4	Historical petrol stations	0	0	0	0	-
18	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
<u>19</u>	3.1	Active or recent landfill	1	0	0	0	-
<b>19</b> 20	<b>3.1</b> 3.2	Active or recent landfill  Historical landfill (BGS records)	1	0	0	0	-
20	3.2	Historical landfill (BGS records)	0	0	0	0	
20	3.2	Historical landfill (BGS records) Historical landfill (LA/mapping records)	0	0	0	0	
20 20 <b>20</b>	3.2 3.3 <u>3.4</u>	Historical landfill (BGS records) Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)	0 0	0 0	0 0	0 0 1	
20 20 <b>20</b> 21	3.2 3.3 <u>3.4</u> 3.5	Historical landfill (BGS records) Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites	0 0 0	0 0 0	0 0 0	0 0 1	- - - - -
20 20 20 21 21	3.2 3.3 <u>3.4</u> 3.5	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites	0 0 0 0	0 0 0 0	0 0 0 0	0 0 1 0	- - - - - - 500-2000m
20 20 20 21 21 21 23	3.2 3.3 3.4 3.5 3.6 3.7	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 1 0 6	- - - - - 500-2000m
20 20 21 21 23 Page	3.2 3.3 3.4 3.5 3.6 3.7 Section	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 17	0 0 1 0 6	- - - - - 500-2000m
20 20 21 21 23 Page	3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses	0 0 0 0 0 On site	0 0 0 0 0 0-50m	0 0 0 0 17 50-250m	0 0 1 0 6 8 250-500m	- - - - - 500-2000m
20 20 21 21 23 Page 26 27	3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2	Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses  Current or recent petrol stations	0 0 0 0 0 On site	0 0 0 0 0 0-50m 2	0 0 0 0 17 50-250m	0 0 1 0 6 8 250-500m	- - - - - 500-2000m





<u>28</u>	<u>4.6</u>	Control of Major Accident Hazards (COMAH)	0	0	0	1	-
28	4.7	Regulated explosive sites	0	0	0	0	-
28	4.8	Hazardous substance storage/usage	0	0	0	1	-
29	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
29	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
<u>29</u>	<u>4.11</u>	Licensed pollutant release (Part A(2)/B)	0	0	0	1	-
29	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>30</u>	<u>4.13</u>	Licensed Discharges to controlled waters	0	0	0	3	-
30	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
30	4.15	Pollutant release to public sewer	0	0	0	0	-
<u>31</u>	<u>4.16</u>	List 1 Dangerous Substances	0	0	0	1	-
31	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>31</u>	4.18	Pollution Incidents (EA/NRW)	0	0	1	1	-
32	4.19	Pollution inventory substances	0	0	0	0	-
32	4.20	Pollution inventory waste transfers	0	0	0	0	-
32	4.21	Pollution inventory radioactive waste	0	0	0	0	
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
<u>33</u>	<u>5.1</u>	Superficial aquifer	Identified (	within 500m	)		
<u>35</u>	<u>5.2</u>	Bedrock aquifer	Identified (	within 500m	)		
<u>37</u>	<u>5.3</u>	Groundwater vulnerability	Identified (	within 50m)			
39	5.4	Groundwater vulnerability- soluble rock risk	None (with	in 0m)			
39	5.5	Groundwater vulnerability- local information	None (with	in 0m)			
<u>40</u>	<u>5.6</u>	Groundwater abstractions	0	0	1	0	15
<u>44</u>	<u>5.7</u>	Surface water abstractions	7	0	1	0	16
49	5.8	Potable abstractions	0	0	0	0	0
<u>50</u>	<u>5.9</u>	Source Protection Zones	0	0	0	1	-
50	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
<u>51</u>	<u>6.1</u>	Water Network (OS MasterMap)	19	13	24	-	-





<u>56</u>	<u>6.2</u>	Surface water features	1	9	11	-	-
<u>56</u>	<u>6.3</u>	WFD Surface water body catchments	1	-	-	-	-
<u>57</u>	<u>6.4</u>	WFD Surface water bodies	1	0	0	-	-
<u>57</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
<u>58</u>	<u>7.1</u>	Risk of Flooding from Rivers and Sea (RoFRaS)	High (withi	n 50m)			
<u>59</u>	<u>7.2</u>	<u>Historical Flood Events</u>	11	0	21	-	-
<u>61</u>	<u>7.3</u>	Flood Defences	1	0	1	-	-
<u>61</u>	<u>7.4</u>	Areas Benefiting from Flood Defences	1	0	1	-	-
62	7.5	Flood Storage Areas	0	0	0	-	-
<u>63</u>	<u>7.6</u>	Flood Zone 2	Identified (	within 50m)			
<u>64</u>	<u>7.7</u>	Flood Zone 3	Identified (	within 50m)			
Page	Section	Surface water flooding					
<u>65</u>	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, 0.3m - 1.0r	n (within 50	m)	
Page	Section	Croundwater flooding					
rage	Section	Groundwater flooding					
67	9.1	Groundwater flooding	High (withi	n 50m)			
			High (withi	n 50m) <sub>0-50m</sub>	50-250m	250-500m	500-2000m
<u>67</u>	9.1	Groundwater flooding			50-250m	250-500m	500-2000m
67 Page	9.1 Section	Groundwater flooding  Environmental designations	On site	0-50m			
67 Page	9.1 Section 10.1	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)	On site	0-50m	1	0	0
67 Page 68 69	9.1 Section 10.1 10.2	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)	On site  0	0-50m 0	1 0	0	0
67 Page 68 69	9.1 Section 10.1 10.2 10.3	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)	On site  0 0 0	0-50m 0 0	1 0 1	0 0	0 0
67 Page 68 69 69	9.1 Section 10.1 10.2 10.3 10.4	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)	On site  0 0 0 0	0-50m 0 0 0	1 0 1 0	0 0 0	0 0 0
67 Page 68 69 69 70	9.1 Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)	On site  0 0 0 0 0	0-50m 0 0 0	1 0 1 0	0 0 0 0	0 0 0 0 0
67 Page 68 69 69 70 70	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)	On site  0 0 0 0 0 0	0-50m 0 0 0 0	1 0 1 0 0	0 0 0 0 0	0 0 0 0 0
67 Page 68 69 69 70 70	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland	On site  0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0	1 0 1 0 0 0	0 0 0 0 0	0 0 0 0 0
67 Page 68 69 69 70 70 70	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves	On site  0 0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0  0  0	1 0 1 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
67 Page 68 69 69 70 70 70 71	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks	On site  O O O O O O O O O O O O O	0-50m  0  0  0  0  0  0  0  0  0  0	1 0 1 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0
67 Page 68 69 69 70 70 70 71 71	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9 10.10	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks  Marine Conservation Zones	On site  O O O O O O O O O O O O O O O O O O	0-50m  0  0  0  0  0  0  0  0  0  0  0	1 0 1 0 0 0 0		





71	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
72	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
72	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>72</u>	<u>10.16</u>	Nitrate Vulnerable Zones	0	0	0	0	1
<u>73</u>	<u>10.17</u>	SSSI Impact Risk Zones	5	-	-	-	-
<u>77</u>	10.18	SSSI Units	0	0	1	1	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
79	11.1	World Heritage Sites	0	0	0	_	-
80	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
80	11.3	National Parks	0	0	0	-	-
80	11.4	Listed Buildings	0	0	0	-	-
80	11.5	Conservation Areas	0	0	0	-	-
<u>81</u>	<u>11.6</u>	Scheduled Ancient Monuments	2	0	0	-	-
81	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
82	<u>12.1</u>	Agricultural Land Classification	Grade 1 (wi	thin 250m)			
84	12.2	Open Access Land	0	0	0	-	-
84	12.3	Tree Felling Licences	0	0	0	-	-
<u>84</u>	<u>12.4</u>	Environmental Stewardship Schemes	0	0	2	-	-
<u>84</u>	<u>12.5</u>	Countryside Stewardship Schemes	0	2	1	-	_
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>86</u>	<u>13.1</u>	Priority Habitat Inventory	4	4	1	-	-
<b>86</b> 87	<b>13.1</b> 13.2		4	4	1	-	-
		Priority Habitat Inventory				-	- - -
87	13.2	Priority Habitat Inventory  Habitat Networks	0	0	0	-	- - -
87 87	13.2 13.3	Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat	0	0	0	- - - 250-500m	- - - - 500-2000m
87 87 87	13.2 13.3 13.4	Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders	0 0 0 On site	0 0	0 0 0 50-250m	- - - 250-500m	- - - - 500-2000m
87 87 87 Page	13.2 13.3 13.4 Section	Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders  Geology 1:10,000 scale	0 0 0 On site	0 0 0	0 0 0 50-250m	- - - 250-500m	- - - 500-2000m
87 87 87 Page	13.2 13.3 13.4 Section 14.1	Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders  Geology 1:10,000 scale  10k Availability	0 0 0 On site	0 0 0 0-50m within 500m	0 0 0 50-250m		- - - 500-2000m



Contact us with any questions at: Date: 25 August 2021



91	14.4	Landslip (10k)	0	0	0	0	-
<u>92</u>	<u>14.5</u>	Bedrock geology (10k)	1	0	1	0	-
93	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
94	<u>15.1</u>	50k Availability	Identified (	within 500m			
95	15.2	Artificial and made ground (50k)	0	0	0	0	-
95	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>96</u>	<u>15.4</u>	Superficial geology (50k)	3	0	2	3	-
<u>97</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (	within 50m)			
97	15.6	Landslip (50k)	0	0	0	0	-
97	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>98</u>	<u>15.8</u>	Bedrock geology (50k)	2	0	1	0	-
<u>99</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (	within 50m)			
99	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
<u>100</u>	<u>16.1</u>	BGS Boreholes	6	4	5	-	-
Page	Section	Natural ground subsidence					
Page <u>102</u>	Section <b>17.1</b>	Natural ground subsidence  Shrink swell clays	Low (within	n 50m)			
			Low (within				
102	<u>17.1</u>	Shrink swell clays	Low (withir				
<u>102</u> <u>103</u>	17.1 17.2	Shrink swell clays Running sands	Low (withir	n 50m) within 50m)			
102 103 105	17.1 17.2 17.3	Shrink swell clays  Running sands  Compressible deposits	Low (within	n 50m) within 50m) vithin 50m)			
102 103 105 106	17.1 17.2 17.3 17.4	Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits	Low (within Moderate ( Very low (w Very low (w	n 50m) within 50m) vithin 50m)			
102 103 105 106	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides	Low (within Moderate ( Very low (w Very low (w	within 50m) within 50m) within 50m)	50-250m	250-500m	500-2000m
102 103 105 106 107 108	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Low (within Moderate ( Very low (w Very low (w Negligible (	within 50m) vithin 50m) vithin 50m) vithin 50m) within 50m)	50-250m	<b>250-500m</b>	500-2000m
102 103 105 106 107 108	17.1 17.2 17.3 17.4 17.5 17.6	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Low (within Moderate ( Very low (within Very low (within Very low (within Very low)) Negligible ( On site	within 50m) within 50m) within 50m) within 50m) within 50m)			500-2000m - -
102 103 105 106 107 108 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities	Low (within Moderate ( Very low (w Very low (w Negligible ( On site	within 50m) within 50m) within 50m) within 50m) within 50m) 0-50m	0	0	500-2000m - -
102 103 105 106 107 108 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities BritPits	Low (within Moderate ( Very low (w Very low (w Negligible ( On site	within 50m) within 50m) within 50m) within 50m) within 50m) 0-50m 0	0	0	500-2000m - - -



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112	18.6	Non-coal mining	0	0	0	0	0
112	18.7	Mining cavities	0	0	0	0	0
112	18.8	JPB mining areas	None (with	in 0m)			
<u>112</u>	<u>18.9</u>	Coal mining	Identified (	within 0m)			
113	18.10	Brine areas	None (with	in 0m)			
113	18.11	Gypsum areas	None (with	in 0m)			
113	18.12	Tin mining	None (with	in 0m)			
113	18.13	Clay mining	None (with	in 0m)			
Page	Section	Radon					
<u>114</u>	<u>19.1</u>	Radon	Less than 1	% (within 0r	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
115	<u>20.1</u>	BGS Estimated Background Soil Chemistry	12	4	-	-	-
116	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
116	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
117	21.1	Underground railways (London)	0	0	0	-	-
117	21.2	Underground railways (Non-London)	0	0	0	-	-
117	21.3	Railway tunnels	0	0	0	-	-
117	21.4	Historical railway and tunnel features	0	0	0	-	-
117	21.5	Royal Mail tunnels	0	0	0	_	-
		Noyal Mail turilleis	O	U	O		
118	21.6	Historical railways	0	0	0	-	-
118 118						-	-
	21.6	Historical railways	0	0	0	- 0	-
118	21.6 21.7	Historical railways Railways	0	0	0	- - 0	-





# **Recent aerial photograph**



Capture Date: 24/06/2020





# Recent site history - 2017 aerial photograph

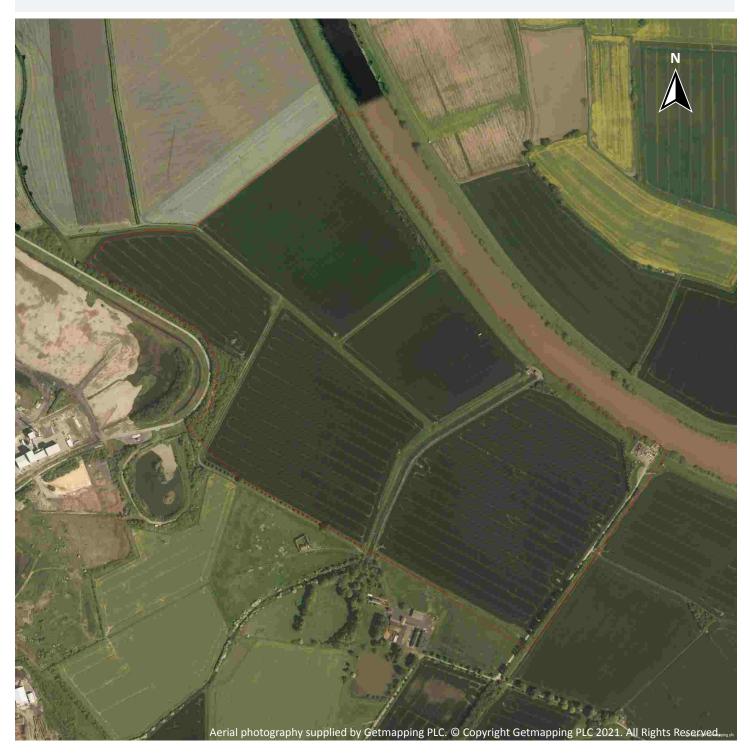


Capture Date: 19/09/2017





# Recent site history - 2014 aerial photograph



Capture Date: 27/09/2014





# Recent site history - 2007 aerial photograph

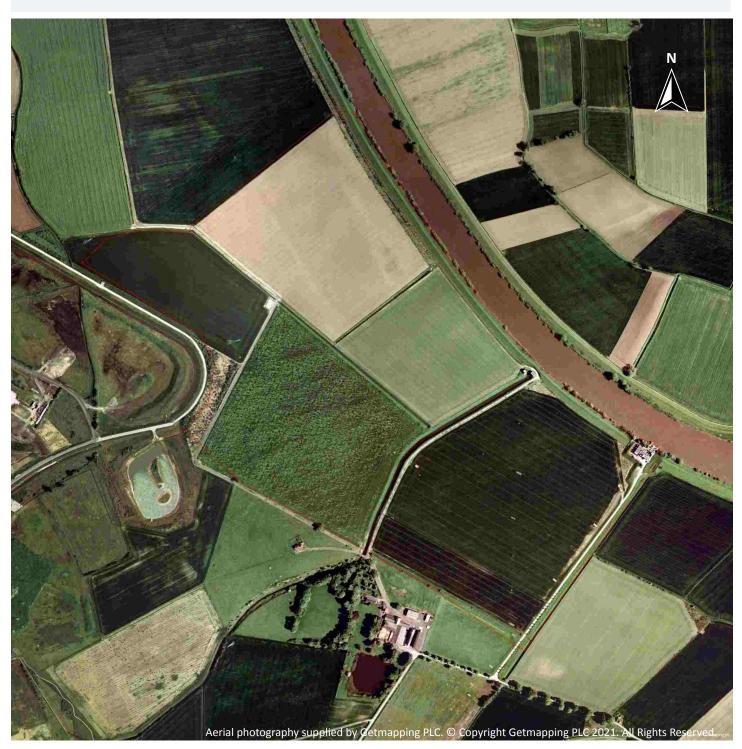


Capture Date: 24/08/2007





# Recent site history - 1999 aerial photograph

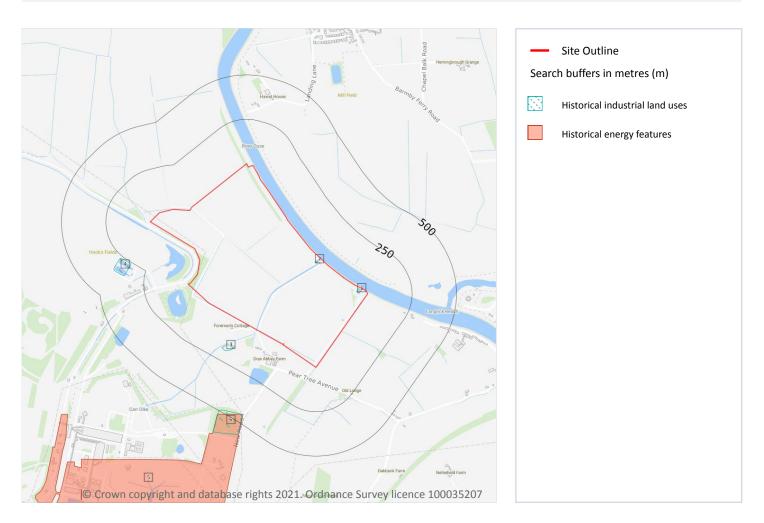


Capture Date: 20/05/1999





# 1 Past land use



#### 1.1 Historical industrial land uses

#### Records within 500m 5

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
1	On site	Pump House	1974 - 1988	1506094





ID	Location	Land use	Dates present	Group ID
2	On site	Pump House	1974 - 1988	1547537
3	143m SW	Unspecified Heap	1957	1417205
4	258m SW	Unspecified Pits	1988	1423343
6	455m SW	Unspecified Heaps	1974	1439780

This data is sourced from Ordnance Survey / Groundsure.

#### 1.2 Historical tanks

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

# 1.3 Historical energy features

#### Records within 500m 1

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
5	450m SW	Power Station	1971 - 1987	138048

This data is sourced from Ordnance Survey / Groundsure.





0

# 1.4 Historical petrol stations

Records within 500m

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

This data is sourced from Ordnance Survey / Groundsure.

## 1.5 Historical garages

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

# 1.6 Historical military land

Records within 500m 0

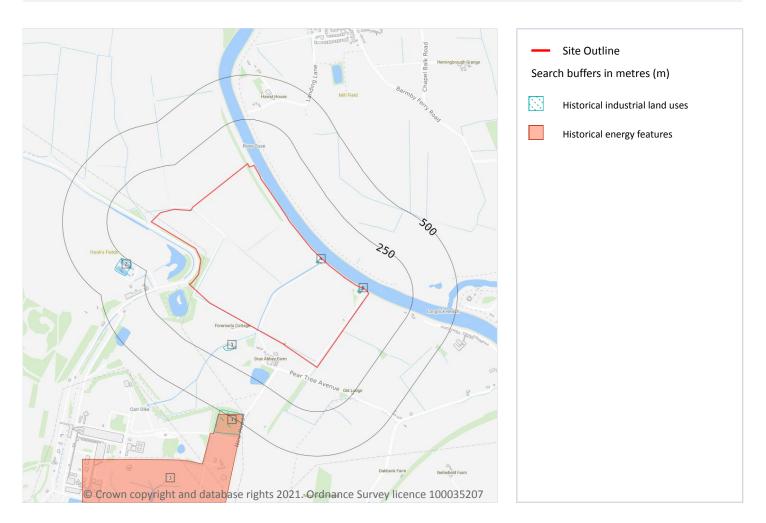
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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





# 2 Past land use - un-grouped



#### 2.1 Historical industrial land uses

# Records within 500m 7

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

Features are displayed on the Past land use - un-grouped map on page 16

ID	Location	Land Use	Date	Group ID
Α	On site	Pump House	1974	1547537
Α	On site	Pump House	1988	1547537
В	On site	Pump House	1974	1506094





ID	Location	Land Use	Date	Group ID
В	On site	Pump House	1988	1506094
1	143m SW	Unspecified Heap	1957	1417205
2	258m SW	Unspecified Pits	1988	1423343
4	455m SW	Unspecified Heaps	1974	1439780

This data is sourced from Ordnance Survey / Groundsure.

#### 2.2 Historical tanks

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

Records within 500m 1

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

Features are displayed on the Past land use - un-grouped map on page 16

ID	Location	Land Use	Date	Group ID
3	450m SW	Power Station	1971	138048

This data is sourced from Ordnance Survey / Groundsure.

# 2.4 Historical petrol stations

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.



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# 2.5 Historical garages

Records within 500m

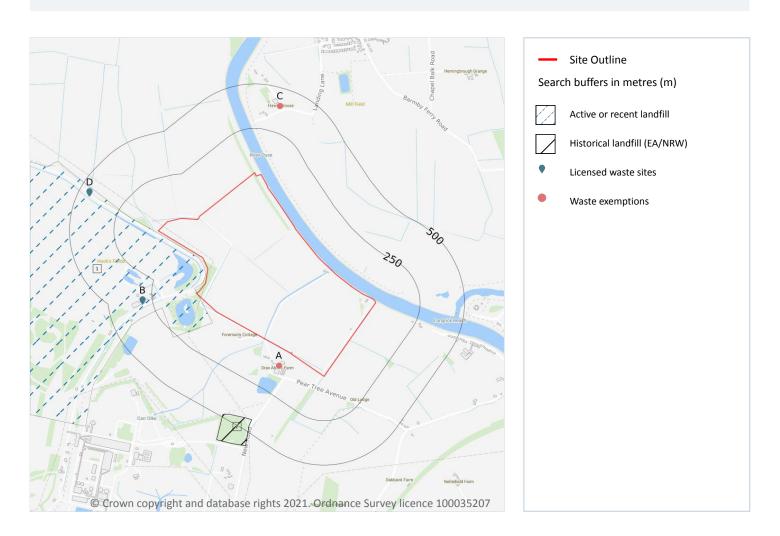
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





# 3 Waste and landfill



#### 3.1 Active or recent landfill

Records within 500m 1

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on page 19

ID	Location	Details	
1	On site	Operator: Drax Power Limited Site Address: DRX Power Station, North Yorkshire, YO8 8PQ	WML Number: 0 EPR Reference: - Landfill type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Status: Effective IPPC Reference: - EPR Number: -





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

#### 3.2 Historical landfill (BGS records)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

## 3.3 Historical landfill (LA/mapping records)

Records within 500m 0

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

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

# 3.4 Historical landfill (EA/NRW records)

## Records within 500m 1

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

Features are displayed on the Waste and landfill map on page 19

ID	Location	Details		
2	431m SW	Site Address: New Road Landfill Site, Drax Power Station, New Road, Drax, North Yorkshire Licence Holder Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire	Waste Licence: Yes Site Reference: CEG001, 0700/NYCC/075 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: YP4/L/CEG001 Licence Issue: 26/10/1978 Licence Surrender: 31/12/1982	Operator: Central Electricity Genarting Board North Eastern Region Licence Holder: Central Electricity Generating Board, North Eastern Region First Recorded 15/08/1978 Last Recorded: 31/12/1982

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





#### 3.5 Historical waste sites

Records within 500m 0

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

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

#### 3.6 Licensed waste sites

Records within 500m 6

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 19** 

ID	Location	Details		
В	305m W	Site Name: Lightwight Aggregate Manufacturing Plant Site Address: Drax Power Station, Selby, North Yorks, YO8 8PN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LYT001 EPR reference: EA/EPR/EB3734AX/A001 Operator: Lytag Ltd Waste Management licence No: 103839 Annual Tonnage: 220000	Issue Date: 30/07/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
В	305m W	Site Name: Lightweight Aggregate Manufacturing Plant Site Address: Drax Power Station, Selby, North Yorkshire, YO8 8PN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AIU002 EPR reference: EA/EPR/EB3602HM/T001 Operator: Aggregate Industries U K Limited Waste Management licence No: 103839 Annual Tonnage: 220000	Issue Date: 30/07/2012 Effective Date: 10/01/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred





ID	Location	Dotails		
ID	Location	Details		
Site		Site Address: Drax Power Station, P O Box 3, Selby, YO8 8PQ Correspondence Address: Drax Power Station, P O Box 3, Selby,	Type of Site: Industrial Waste Landfill (Factory curtilage) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AES001 EPR reference: - Operator: A E S Drax Power Ltd Waste Management licence No: 60197 Annual Tonnage: 0	Issue Date: 25/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	443m NW	Site Name: Barlow Ash Disposal Site Site Address: Drax Power Station, P O Box 3, Selby, YO8 8PQ Correspondence Address: Drax Power Station, P O Box 3, Selby, YO8 8PQ	Type of Site: Industrial Waste Landfill (Factory curtilage) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AES001 EPR reference: - Operator: A E S Drax Power Ltd Waste Management licence No: 60197 Annual Tonnage: 0	Issue Date: 25/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	443m NW	Site Name: Barlow Ash Disposal Site Site Address: Drax Power Station, Selby, North Yorkshire, YO8 8PF Correspondence Address: -	Type of Site: Industrial Waste Landfill (Factory curtilage) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AES001 EPR reference: EA/EPR/CP3790ZG/A001 Operator: Drax Ouse Ltd Waste Management licence No: 60197 Annual Tonnage: 1609250	Issue Date: 25/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC
D	443m NW	Site Name: Barlow Ash Disposal Site Site Address: Drax Power Station, Selby, North Yorkshire, YO8 8PF Correspondence Address: -	Type of Site: Industrial Waste Landfill (Factory curtilage) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: AES001 EPR reference: EA/EPR/CP3790ZG/A001 Operator: Drax Ouse Ltd Waste Management licence No: 60197 Annual Tonnage: 1609250	Issue Date: 25/08/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: To PPC

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





# 3.7 Waste exemptions

Records within 500m 25

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

Features are displayed on the Waste and landfill map on page 19

ID	Location	Site	Reference	Category	Sub-Category	Description
A	95m SW	95m SW Drax Abbey Farm SELBY North Yorkshire YO8 8NH		Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Agricultural Waste Only	Treatment of sheep dip for disposal
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters
A	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Disposal by incineration
A	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
A	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Cleaning, washing, spraying or coating relevant waste
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Aerobic composting and associated prior treatment
A	95m SW Drax Abbey Farm SELBY North Yorkshire YO8 8NH		EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of non-hazardous pesticide washings by carbon filtration for disposal





ID	Location	Site	Reference	Category	Sub-Category	Description
Α	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
Α	95m SW	95m SW Drax Abbey Farm SELBY North Yorkshire YO8 8NH		Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of mulch
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading of plant matter to confer benefit
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Incorporation of ash into soil
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of baled end-of-life tyres in construction
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Burning of waste as a fuel in a small appliance
А	95m SW	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose





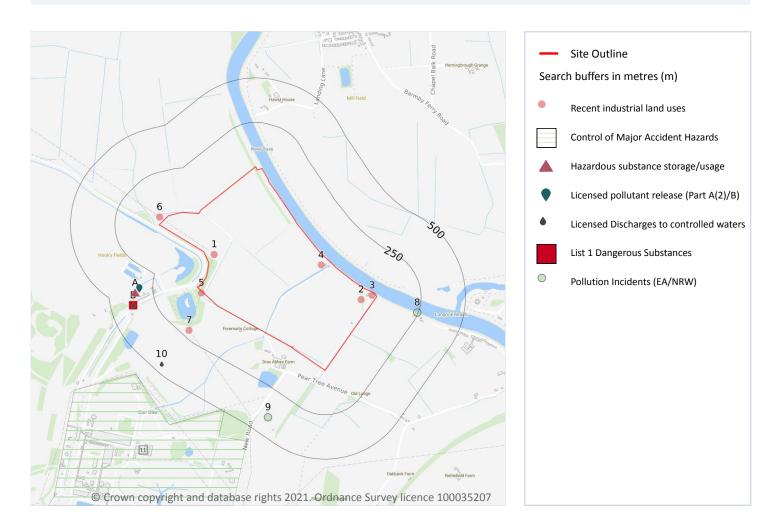
ID	Location	Site	Reference	Category	Sub-Category	Description
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of waste from dredging of inland waters
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Disposing of waste exemption	Agricultural Waste Only	Burning waste in the open
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Treating waste exemption	Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Treating waste exemption	Agricultural Waste Only	Recovery of scrap metal
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Using waste exemption	Agricultural Waste Only	Use of mulch
С	398m N	Hawst House Landing Lane SELBY North Yorkshire YO8 6RA	EPR/VH0977C P/A001	Using waste exemption	Agricultural Waste Only	Burning of waste as a fuel in a small appliance

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





# 4 Current industrial land use



#### 4.1 Recent industrial land uses

Records within 250m 7

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 26

ID	Location	Company	Address	Activity	Category
1	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	On site	Pumping Station	North Yorkshire, YO8	Water Pumping Stations	Industrial Features
3	On site	Travelling Crane	North Yorkshire, YO8	Travelling Cranes and Gantries	Industrial Features

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ID	Location	Company	Address	Activity	Category
4	On site	Pumping Station	North Yorkshire, YO8	Water Pumping Stations	Industrial Features
5	8m SW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
6	30m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
7	209m SW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

#### 4.2 Current or recent petrol stations

Records within 500m 0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

# 4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

## 4.4 Gas pipelines

Records within 500m 0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

#### 4.5 Sites determined as Contaminated Land

Records within 500m 0

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

This data is sourced from Local Authority records.



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# 4.6 Control of Major Accident Hazards (COMAH)

#### Records within 500m

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on page 26

ID	Location	Company	Address	Operational status	Tier
11	487m SW	Drax Power Limited	Drax Power Limited, Drax Power Station/Drax Power Limited, Drax Power Station, PO Box 3, Selby, North Yorkshire, YO8 8PQ	Current COMAH Site	COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

# 4.7 Regulated explosive sites

Records within 500m 0

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

This data is sourced from the Health and Safety Executive.

# 4.8 Hazardous substance storage/usage

#### Records within 500m 1

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

Features are displayed on the Current industrial land use map on page 26

ID	Location	Details	
Α	351m W	Application reference number: NY/2013/0122/HSC Application status: Approved Application date: 02/05/2013 Address: Lytag Ltd, Drax Power Station, Selby, North Yorkshire, England, YO8 8PH	Details: Proposed storage of Liquid Natural Gas (Consultation from North Yorkshire County Council) Enforcement: Data requested, not received. Date of enforcement: Data requested, not received. Comment: Data requested, not received.

This data is sourced from Local Authority records.



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# 4.9 Historical licensed industrial activities (IPC)

Records within 500m 0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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

## 4.10 Licensed industrial activities (Part A(1))

Records within 500m 0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

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

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

Records within 500m 1

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

Features are displayed on the Current industrial land use map on page 26

ID	Location	Address	Details	
А	327m W	PML Ash Drax Plant, Drax Power LTD., PO Box 3, Selby YO8 8PQ	Process: Quarry Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

#### 4.12 Radioactive Substance Authorisations

Records within 500m

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

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





# **4.13 Licensed Discharges to controlled waters**

Records within 500m 3

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991. Features are displayed on the Current industrial land use map on page 26

ID	Location	Address	Details	
В	375m W	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 4109 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 10/01/1986 Effective Date: 10/01/1986 Revocation Date: 11/12/1989
В	375m W	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 4109 Permit Version: 2 Receiving Water: CARR DYKE	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 12/12/1989 Effective Date: 12/12/1989 Revocation Date: 05/06/1996
10	454m SW	BARLOW ASH DISPOSAL SITE, BARLOW ASH MOUND - WORKING AREA, DRAX POWER STATION, DRAX, SELBY, NORTH YORKSHIRE, YO8 8PQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - WATER COMPANY (WTW) Permit Number: QR.27/24/0035 Permit Version: 1 Receiving Water: ABBEY DYKE TO CARR DYKE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/06/1996 Effective Date: 05/06/1996 Revocation Date: 17/07/1998

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

# 4.14 Pollutant release to surface waters (Red List)

Records within 500m

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

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

# 4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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





# **4.16 List 1 Dangerous Substances**

Records within 500m 1

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

Features are displayed on the Current industrial land use map on page 26

ID	Location	Name	Status	Receiving Water	Authorised Substances
В	375m W	National Power -drax Power Stn Ash Mound	Not Active	Humber, Green Dyke, Ouse	Cadmium

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

# **4.17 List 2 Dangerous Substances**

Records within 500m 0

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

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

## 4.18 Pollution Incidents (EA/NRW)

Records within 500m 2

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

Features are displayed on the Current industrial land use map on page 26

ID	Location	Details	
8	244m E	Incident Date: 17/01/2003 Incident Identification: 131701 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	399m SW	Incident Date: 27/08/2001 Incident Identification: 27049 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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





# 4.19 Pollution inventory substances

Records within 500m 0

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

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

#### 4.20 Pollution inventory waste transfers

Records within 500m 0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

#### 4.21 Pollution inventory radioactive waste

Records within 500m

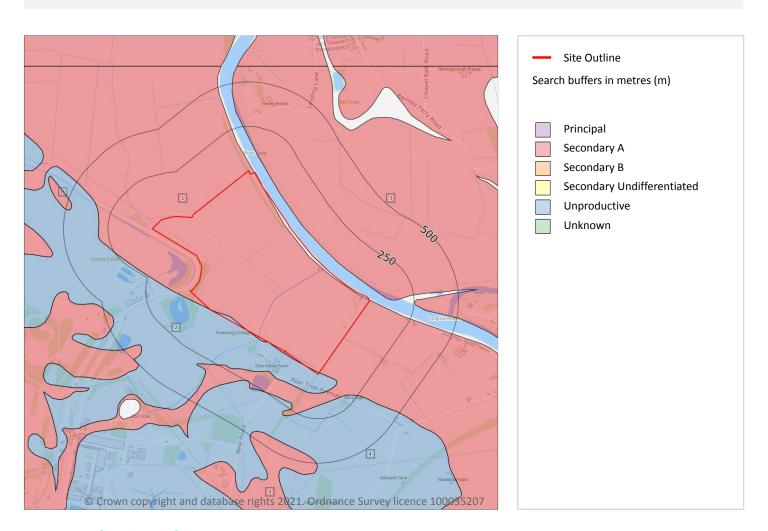
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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





# 5 Hydrogeology - Superficial aquifer



# **5.1 Superficial aquifer**

Records within 500m 6

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 33

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow





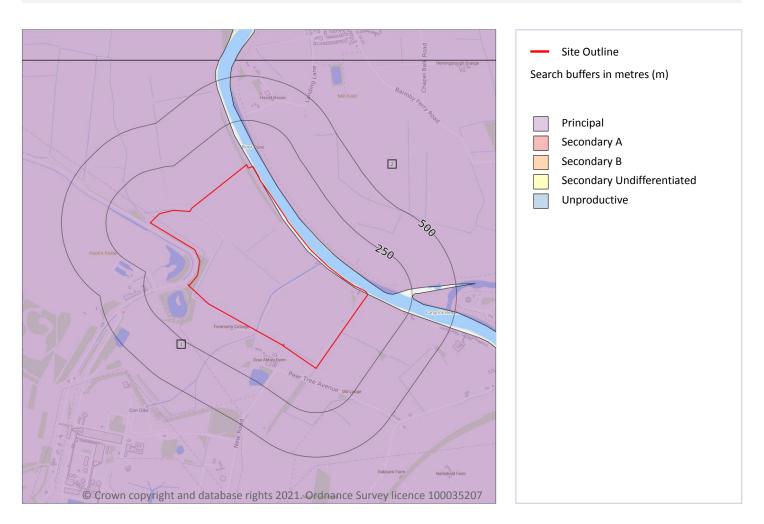
ID	Location	Designation	Description
3	57m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	165m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
5	434m SW	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
6	472m 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

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





# **Bedrock aquifer**



# **5.2** Bedrock aquifer

Records within 500m 2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 35

ID	Location	Designation	Description	
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers	
2	57m NE	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers	



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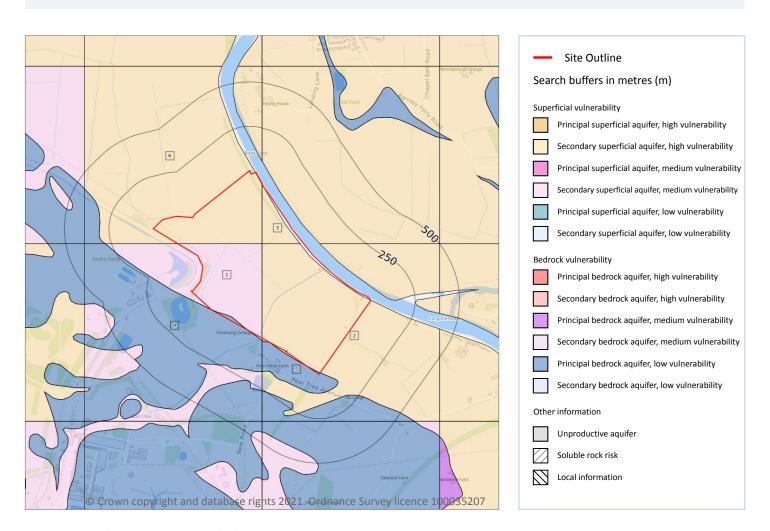


This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





# **Groundwater vulnerability**



# 5.3 Groundwater vulnerability

Records within 50m

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

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

Features are displayed on the Groundwater vulnerability map on page 37





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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





## 5.4 Groundwater vulnerability- soluble rock risk

Records on site 0

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

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

## 5.5 Groundwater vulnerability- local information

Records on site 0

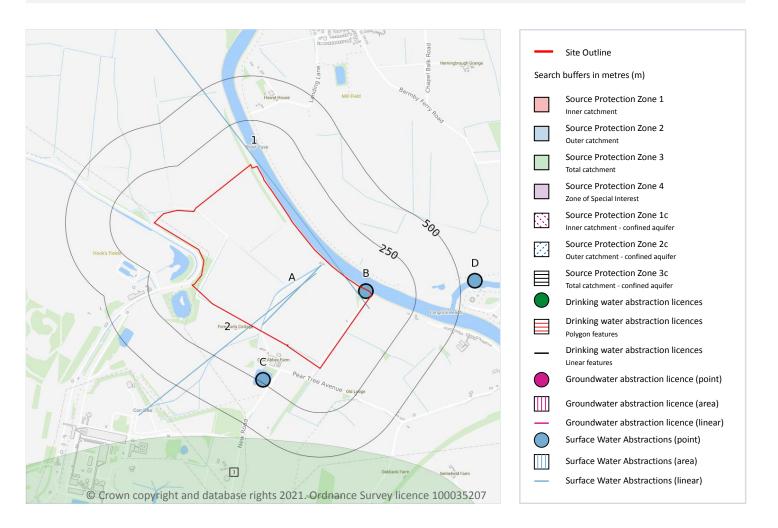
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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

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





## **Abstractions and Source Protection Zones**



### 5.6 Groundwater abstractions

#### Records within 2000m 16

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

Features are displayed on the Abstractions and Source Protection Zones map on page 40





ID	Location	Details	
С	234m SW	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: DRAX ABBEY FISH POND - SUPERFICIAL DRIFT - SELBY Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -
-	1788m NW	Status: Historical Licence No: 2/27/24/442 Details: Make-Up Or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CLIFFE Data Type: Point Name: Metcalf Easting: 465919 Northing: 430887	Annual Volume (m³): 30000 Max Daily Volume (m³): 384 Original Application No: - Original Start Date: 01/01/2005 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 17/07/2014 Version End Date: -
-	1788m NW	Status: Active Licence No: 2/27/24/442/R01 Details: Make-Up Or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CLIFFE Data Type: Point Name: Metcalf Easting: 465919 Northing: 430887	Annual Volume (m³): 30,000 Max Daily Volume (m³): 384 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1790m NW	Status: Historical Licence No: 2/27/24/442 Details: Make-Up Or Top Up Water Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CLIFFE Data Type: Point Name: Metcalf Easting: 465920 Northing: 430890	Annual Volume (m³): 30000 Max Daily Volume (m³): 384 Original Application No: - Original Start Date: 01/01/2005 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 17/07/2014 Version End Date: -
-	1810m NW	Status: Historical Licence No: 2/27/24/302 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: NEWHAY CARP FARM Easting: 465900 Northing: 430900	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/03/1995 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 09/03/1995 Version End Date: -





ID	Location	Details	
-	1810m NW	Status: Historical Licence No: 2/27/24/302 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - NEWHAY Data Type: Point Name: NEWHAY CARP FARM Easting: 465900 Northing: 430900	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 09/03/1995 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 09/03/1995 Version End Date: -
-	1914m E	Status: Historical Licence No: 2/27/28/155 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: JACKSON Easting: 469520 Northing: 428520	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 15/04/1992 Expiry Date: 31/12/2001 Issue No: 101 Version Start Date: 26/02/2001 Version End Date: -
-	1914m E	Status: Historical Licence No: 2/27/28/233 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARMBY ON THE MARSH Data Type: Point Name: R & J V JACKSON Easting: 469520 Northing: 428520	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/01/2002 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 01/01/2002 Version End Date: -
-	1914m E	Status: Historical Licence No: 2/27/28/233 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BARMBY ON THE MARSH Data Type: Point Name: R & J V JACKSON Easting: 469520 Northing: 428520	Annual Volume (m³): 20000 Max Daily Volume (m³): 1260 Original Application No: - Original Start Date: 01/01/2002 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 02/09/2008 Version End Date: -





ID	Location	Details	
-	1946m NE	Status: Historical Licence No: 2/27/28/174 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: WILES Easting: 468500 Northing: 430600	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 26/09/1995 Expiry Date: - Issue No: 100 Version Start Date: 26/09/1995 Version End Date: -
-	1946m NE	Status: Historical Licence No: 2/27/28/174 Details: General Farming & Domestic Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - BABTHORPE SELBY Data Type: Point Name: WILES Easting: 468500 Northing: 430600	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 26/09/1995 Expiry Date: - Issue No: 100 Version Start Date: 26/09/1995 Version End Date: -
-	1948m W	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BARLOW HALL BOREHOLE - SHERWOOD SANDSTONE Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65000 Max Daily Volume (m³): 2000 Original Application No: - Original Start Date: 14/08/2009 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 22/10/2012 Version End Date: -
-	1948m W	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 32500 Max Daily Volume (m³): 2000 Original Application No: - Original Start Date: 14/08/2009 Expiry Date: 31/03/2015 Issue No: 3 Version Start Date: 17/07/2014 Version End Date: -



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ID	Location	Details	
-	1948m W	Status: Active Licence No: NE/027/0024/055 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65,000 Max Daily Volume (m³): 3,700 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1949m SW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	1949m SW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -

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

## **5.7 Surface water abstractions**

Records within 2000m 24

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

Features are displayed on the Abstractions and Source Protection Zones map on page 40

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ID	Location	Details	
1	On site	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 466300 Northing: 430300	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
2	On site	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: CARR DYKE/LENDALL DRAIN Data Type: Line Name: WATSON Easting: 466300 Northing: 428000	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
A	On site	Status: Historical Licence No: NE/027/0024/050 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 10/07/2013 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 10/07/2013 Version End Date: -
A	On site	Status: Active Licence No: NE/027/0024/050/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45,000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
В	On site	Status: Historical Licence No: 2/27/24/155 Details: Process water Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: AES DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 101 Version Start Date: 01/12/1999 Version End Date: -





ID	Location	Details	
В	On site	Status: Historical Licence No: 2/27/24/155 Details: Boiler Feed Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
В	On site	Status: Historical Licence No: 2/27/24/155 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
С	234m SW	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: DRAX ABBEY FISH POND Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): 10000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -
D	587m E	Status: Historical Licence No: 2/27/28/275 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 18/02/2011 Version End Date: -
D	587m E	Status: Active Licence No: NE/027/0028/048 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 40,000 Max Daily Volume (m³): 1,440 Original Application No: - Original Start Date: 02/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/04/2013 Version End Date: -





ID	Location	Details	
-	1375m E	Status: Historical Licence No: 2/27/28/184 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468950 Northing: 429000	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -
-	1375m E	Status: Historical Licence No: 2/27/28/275 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468950 Northing: 429000	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 18/02/2011 Version End Date: -
-	1377m E	Status: Active Licence No: NE/027/0028/048 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468949 Northing: 429009	Annual Volume (m³): 40,000 Max Daily Volume (m³): 1,440 Original Application No: - Original Start Date: 02/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/04/2013 Version End Date: -
-	1420m SE	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 468520 Northing: 427500	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
-	1690m E	Status: Historical Licence No: 2/27/28/188 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - BABTHORPE Data Type: Point Name: J BRAMLEY & SONS Easting: 469230 Northing: 429170	Annual Volume (m³): 13490 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 30/09/2006 Issue No: 101 Version Start Date: 04/02/2002 Version End Date: -





ID	Location	Details	
-	1722m E	Status: Historical Licence No: NE/027/0028/009 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT AT BRACKENHOLME Data Type: Line Name: H HEY & SONS Easting: 469259 Northing: 429185	Annual Volume (m³): 60000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 09/07/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 09/07/2010 Version End Date: -
-	1722m E	Status: Historical Licence No: NE/027/0028/009/A Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT AT BRACKENHOLME Data Type: Line Name: H HEY & SONS Easting: 469259 Northing: 429185	Annual Volume (m³): 60,000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 09/07/2010 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 09/07/2010 Version End Date: -
-	1745m NW	Status: Historical Licence No: 2/27/24/330 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE - NEWLANDS SELBY Data Type: Line Name: SELBY FARMS LTD Easting: 463080 Northing: 431880	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -
-	1745m NW	Status: Historical Licence No: 2/27/24/271 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: NEWLANDS - RIVER OUSE Data Type: Line Name: SELBY FARMS LTD Easting: 463080 Northing: 431880	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 31/05/1991 Expiry Date: - Issue No: 100 Version Start Date: 31/05/1991 Version End Date: -
-	1745m NW	Status: Historical Licence No: 2/27/24/330 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: NEWLANDS - RIVER OUSE - SELBY Data Type: Line Name: SELBY FARMS LTD Easting: 463080 Northing: 431880	Annual Volume (m³): 90920 Max Daily Volume (m³): 1100 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -





ID	Location	Details	
-	1745m NW	Status: Historical Licence No: 2/27/24/271 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: NEWLANDS - RIVER OUSE - SELBY Data Type: Line Name: SELBY FARMS LTD Easting: 463080 Northing: 431880	Annual Volume (m³): 18180 Max Daily Volume (m³): 909 Original Application No: - Original Start Date: 31/05/1991 Expiry Date: - Issue No: 100 Version Start Date: 31/05/1991 Version End Date: -
-	1745m NW	Status: Historical Licence No: 2/27/24/271 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE - NEWLANDS - SELBY Data Type: Line Name: SELBY FARMS LTD Easting: 463080 Northing: 431880	Annual Volume (m³): 18180 Max Daily Volume (m³): 909 Original Application No: - Original Start Date: 31/05/1991 Expiry Date: - Issue No: 100 Version Start Date: 31/05/1991 Version End Date: -
-	1745m NW	Status: Historical Licence No: 2/27/24/468 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE - NEWLANDS - SELBY Data Type: Line Name: PLATT Easting: 462980 Northing: 431950	Annual Volume (m³): 75000  Max Daily Volume (m³): 1100  Original Application No: -  Original Start Date: 01/04/2007  Expiry Date: 31/03/2018  Issue No: 1  Version Start Date: 01/04/2007  Version End Date: -
-	1754m NW	Status: Historical Licence No: NE/027/0024/068 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE - NEWLANDS - SELBY Data Type: Line Name: Canal and River Trust Easting: 463014 Northing: 431917	Annual Volume (m³): 30,000 Max Daily Volume (m³): 1,100 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2030 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -

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

### **5.8 Potable abstractions**

Records within 2000m 0

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

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





### **5.9 Source Protection Zones**

Records within 500m

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 40** 

ID	Location	Туре	Description
3	425m S	3	Total catchment

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

## **5.10 Source Protection Zones (confined aquifer)**

Records within 500m 0

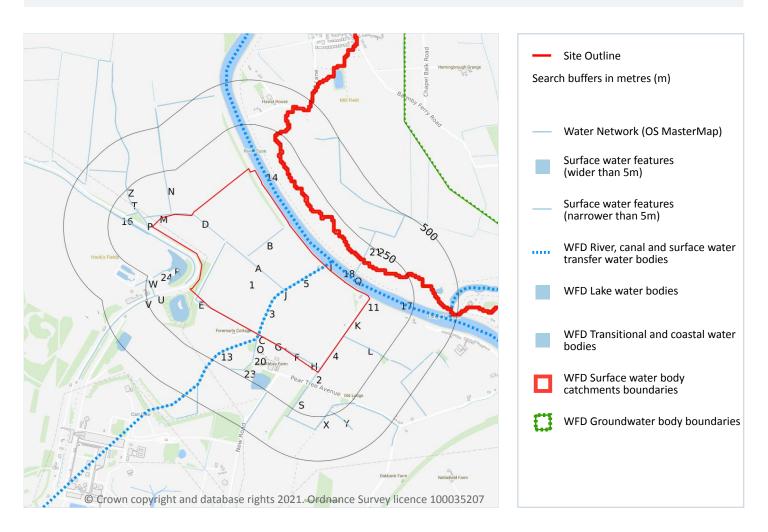
Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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





# **6 Hydrology**



# **6.1 Water Network (OS MasterMap)**

Records within 250m 56

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

Features are displayed on the Hydrology map on page 51

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





ID	Location	Type of water feature	Ground level	Permanence	Name
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Н	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
I	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Lendall Drain
J	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
11	1m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	6m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	18m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Ο	21m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	22m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dike
Р	26m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
14	28m NE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Ouse
16	35m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	37m NE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Ouse
18	41m NE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Ouse
Q	41m NE	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	63m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Р	66m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	70m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	73m NE	Foreshore. Watercourse flows over the foreshore between mean high water and mean low water.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	78m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
S	93m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	103m SW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	104m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
20	104m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	114m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Т	114m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	115m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Р	115m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
21	140m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
23	150m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
24	168m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	180m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	202m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	202m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	203m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
X	205m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
W	206m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Υ	233m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	248m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

### **6.2 Surface water features**

Records within 250m 21

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

Features are displayed on the Hydrology map on page 51

This data is sourced from the Ordnance Survey.

## **6.3 WFD Surface water body catchments**

Records on site 1

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

Features are displayed on the Hydrology map on page 51

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
E	On site	River WB catchment	Ouse from R Wharfe to Upper Humber	GB104027064270	Lower Ouse Yorkshire	Wharfe and Lower Ouse

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





#### 6.4 WFD Surface water bodies

Records identified 1

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

Features are displayed on the Hydrology map on page 51

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
6	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Moderate	Fail	Moderate	2016

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

### 6.5 WFD Groundwater bodies

Records on site 1

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

Features are displayed on the Hydrology map on page 51

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400	Poor	Poor	Poor	2015

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

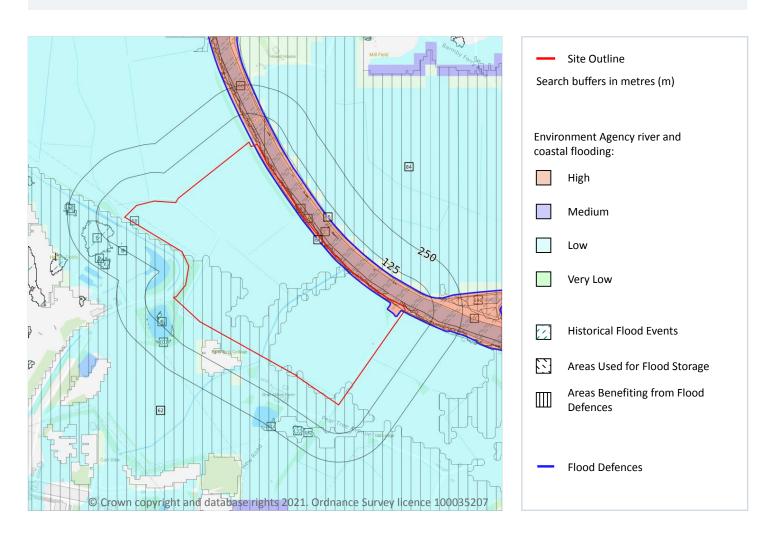


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# 7 River and coastal flooding



# 7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m 71

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on page 58

Distance	RoFRaS flood risk
On site	High
0 - 50m	High





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

### 7.2 Historical Flood Events

Records within 250m 32

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

Features are displayed on the River and coastal flooding map on page 58

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
58	On site	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
59	On site	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
60	On site	1995 Flood Event	1995-01-28 1995-02-04	Unknow n	Overtopping of defences	Tidal
Α	On site	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
Α	On site	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
Α	On site	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
В	On site	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
В	On site	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
С	On site	Autumn 2000 Event	2000-10-30 2000-11-15	Unknow n	Overtopping of defences	Fluvial
С	On site	2020 February Flood Incident - Storm Dennis	2020-02-15 2020-03-19	Main river	Channel capacity exceeded (no raised defences)	Fluvial
D	On site	1995 Flood Event	1995-01-28 1995-02-04	Unknow n	Overtopping of defences	Tidal
Е	74m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data





ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
Е	74m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
F	82m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
F	82m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
101	88m SW	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
G	104m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
G	104m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
Н	120m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
Н	120m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
I	140m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
I	140m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
132	166m SW	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
133	169m SW	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data
K	189m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
K	189m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
140	203m E	2020 February Flood Incident - Storm Dennis	2020-02-15 2020-03-19	Main river	Channel capacity exceeded (no raised defences)	Fluvial
L	203m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
L	203m SW	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
144	208m SW	Yorkshire	2015-12-31 2015-12-31	Unclassifi ed	Unclassified	No data







ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
M	212m W	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data
M	212m W	Yorkshire	2015-12-29 2015-12-29	Unclassifi ed	Unclassified	No data

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

### 7.3 Flood Defences

Records within 250m

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

Features are displayed on the River and coastal flooding map on page 58

ID	Location	Update
61	On site	25/05/2021
85	81m NE	25/05/2021

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

# 7.4 Areas Benefiting from Flood Defences

Records within 250m 2

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

Features are displayed on the River and coastal flooding map on page 58

ID	Location	
62	On site	Area benefiting from flood defences
84	81m NE	Area benefiting from flood defences

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



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# 7.5 Flood Storage Areas

Records within 250m 0

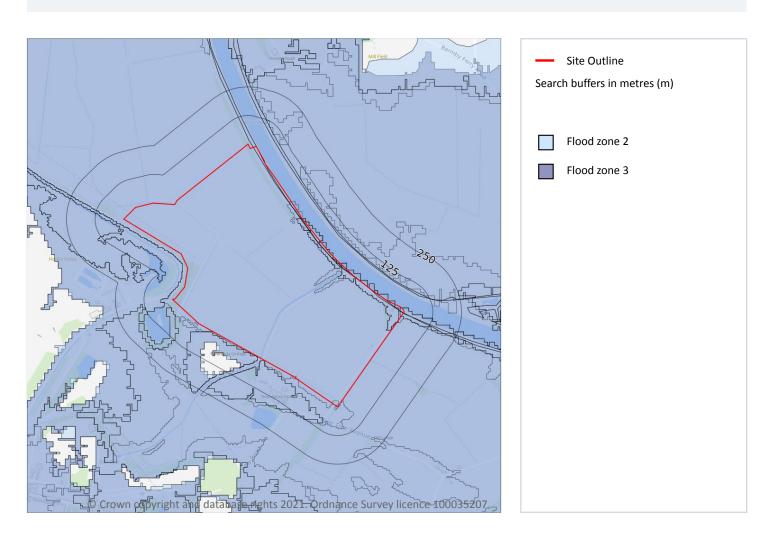
Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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





# **River and coastal flooding - Flood Zones**



## 7.6 Flood Zone 2

Records within 50m 1

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

Features are displayed on the River and coastal flooding map on page 58

Location Type
On site Zone 2 - (Fluvial /Tidal Models)

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





### 7.7 Flood Zone 3

Records within 50m

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

Features are displayed on the River and coastal flooding map on page 58

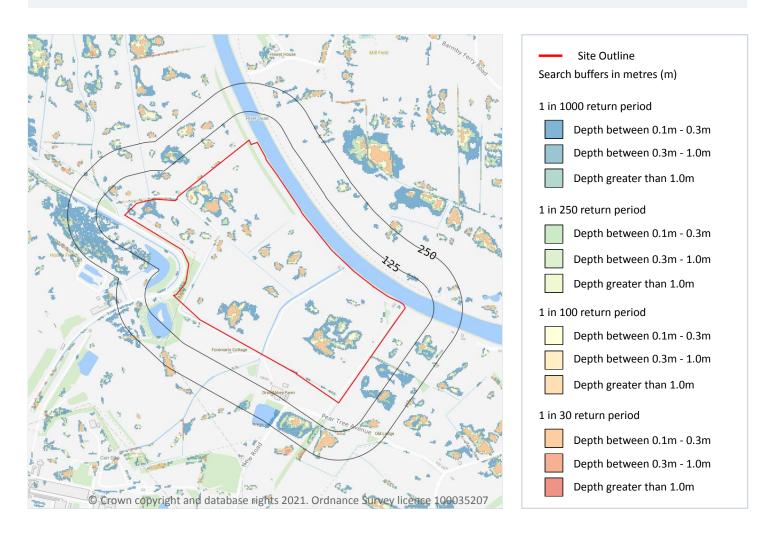
Location	Туре	
On site	Zone 3 - (Fluvial Models)	

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





# 8 Surface water flooding



## 8.1 Surface water flooding

Highest risk on site	1 in 30 year, 0.3m - 1.0m
Highest risk within 50m	1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on page 65

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





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

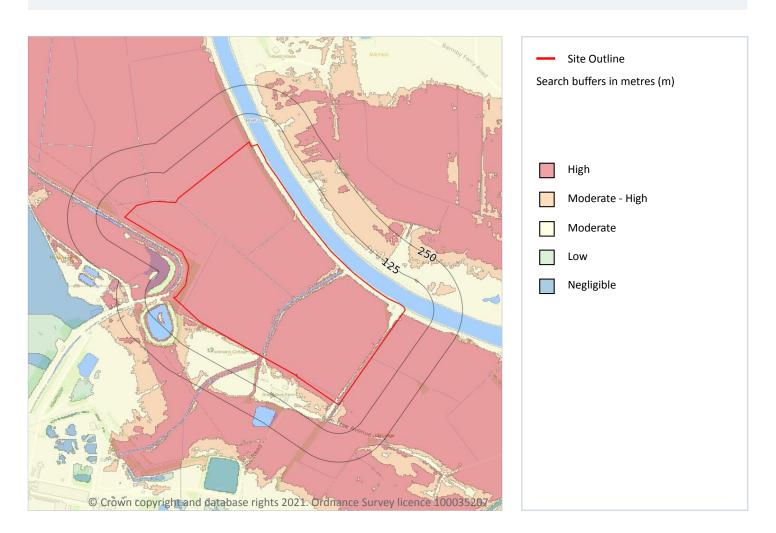
Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.





# 9 Groundwater flooding



# 9.1 Groundwater flooding

Highest risk on site	High
Highest risk within 50m	High

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

Features are displayed on the Groundwater flooding map on page 67

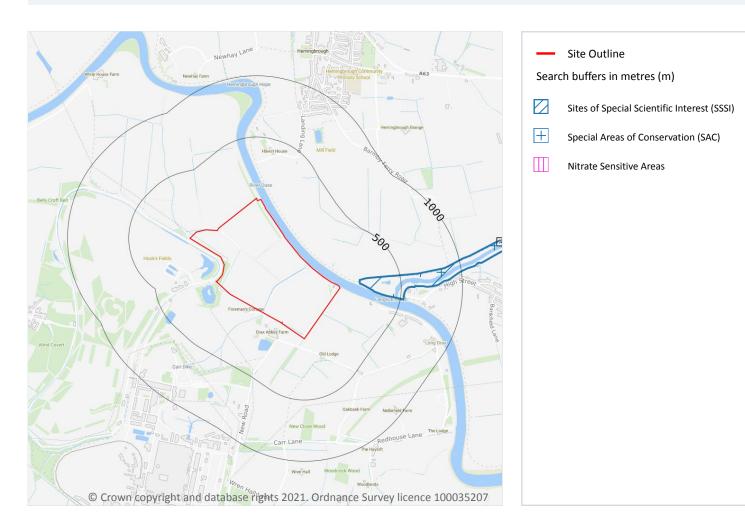
This data is sourced from Ambiental Risk Analytics.



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# **10 Environmental designations**



# 10.1 Sites of Special Scientific Interest (SSSI)

### Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 68

ID	Location	Name	Data source
Α	167m E	River Derwent	Natural England





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

### 10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m 0

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

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

### 10.3 Special Areas of Conservation (SAC)

Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 68

ID	Location	Name	Features of interest	Habitat description	Data source
Α	167m E	River Derwe nt	Rivers with floating vegetation often dominated by water-crowfoot; Sea lamprey; Brook lamprey; River lamprey; Atlantic salmon; Bullhead; White-clawed (or Atlantic stream) crayfish: Otter.	Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland	Natural England

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

# 10.4 Special Protection Areas (SPA)

Records within 2000m 0

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

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



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### 10.5 National Nature Reserves (NNR)

Records within 2000m 0

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

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

## 10.6 Local Nature Reserves (LNR)

Records within 2000m 0

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

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

## 10.7 Designated Ancient Woodland

Records within 2000m 0

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

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

### **10.8 Biosphere Reserves**

Records within 2000m 0

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

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





#### 10.9 Forest Parks

Records within 2000m 0

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

This data is sourced from the Forestry Commission.

#### 10.10 Marine Conservation Zones

Records within 2000m 0

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

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

#### 10.11 Green Belt

Records within 2000m 0

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

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

### **10.12 Proposed Ramsar sites**

Records within 2000m 0

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

This data is sourced from Natural England.

### 10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m 0

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

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



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# 10.14 Potential Special Protection Areas (pSPA)

Records within 2000m 0

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

This data is sourced from Natural England.

#### 10.15 Nitrate Sensitive Areas

Records within 2000m 0

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

This data is sourced from Natural England.

#### 10.16 Nitrate Vulnerable Zones

Records within 2000m 1

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

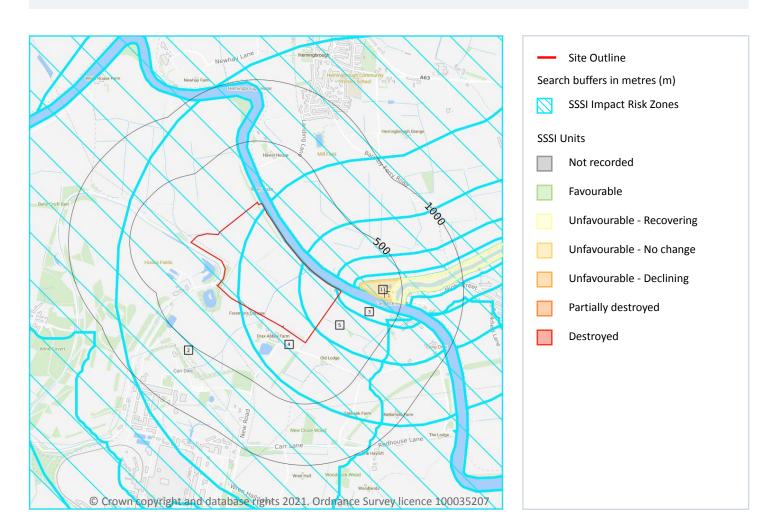
Location	Name	Туре	NVZ ID	Status
1915m N	Lowmoor Drain Catch (trib of Derwent) NVZ	Surface Water	S282	Existing

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





# **SSSI Impact Zones and Units**



### 10.17 SSSI Impact Risk Zones

Records on site 5

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

Features are displayed on the SSSI Impact Zones and Units map on page 73

ID	Location	Type of developments requiring consultation
1	On site	All applications - All Planning Applications.





water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Miner Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more.			
water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Miner Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more.	ID	Location	Type of developments requiring consultation
areas.  Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: indust processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure store 250t).  Combustion - General combustion processes >20MW energy input. Incl: energy from waste incinerat other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion  Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.  Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management  Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away surface water, such as a beck or stream (NB This does not include discharges to mains sewer which a unlikely to pose a risk at this location).	2	On site	Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines  Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals  Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.  Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha  Residential - Residential development of 50 units or more.  Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas.  Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t).  Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion  Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.  Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management  Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location).  Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal





ID	Location	Type of developments requiring consultation
3	On site	All applications - All Planning Applications (Except Householder) Outside Or Extending Outside Existing Settlements/urban Areas Affecting Greenspace, Farmland, Semi Natural Habitats Or Landscape Features Such As Trees, Hedges, Streams, Rural Buildings/structures Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 10 units or more. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units Air pollution - Any development that could cause AIR POLLUTION or DUST either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons/manure stores). Combustion - All general combustion processes, livestock & poultry units, slurry lagoons/manure stores). Combustion - All general combustion processes, livestock & poultry units, slurry lagoons/manure stores). Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream (NB thi





ID	Location	Type of developments requiring consultation
4	On site	All applications - All Planning Applications (Except Householder) Outside Or Extending Outside Existing Settlements/urban Areas Affecting Greenspace, Farmland, Semi Natural Habitats Or Landscape Features Such As Trees, Hedges, Streams, Rural Buildings/structures Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more.  Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units  Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t).  Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion  Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.  Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.  Discharges - Any discharge of water or liquid waste of more than 2m²/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include disc





ID	Location	Type of developments requiring consultation
5	On site	All applications - All Planning Applications (Except Householder) Outside Or Extending Outside Existing Settlements/urban Areas Affecting Greenspace, Farmland, Semi Natural Habitats Or Landscape Features Such As Trees, Hedges, Streams, Rural Buildings/structures Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons/manure stores). Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.  Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream (NB this does not include d

This data is sourced from Natural England.

#### 10.18 SSSI Units

Records within 2000m

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

Features are displayed on the SSSI Impact Zones and Units map on page 73

08444 159 000

ID: 11

Location: 167m E

SSSI name: River Derwent Barmby Barrage Unit name:

Broad habitat: Standing Open Water And Canals

Condition: Unfavourable - No change

Reportable features:



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



Feature name	Feature condition	Date of assessment
Otter, Lutra lutra	Favourable	25/06/2015
Outstanding dragonfly assemblage	Favourable	04/12/2017
River supporting habitat	Unfavourable - No change	25/06/2015
S1355 Otter, Lutra lutra	Favourable	25/06/2015

ID: 12

Location: 412m E

SSSI name: River Derwent

Unit name: Confluence With The Beck To Barmby Barrage

Broad habitat: Rivers And Streams

Condition: Unfavourable - Recovering

Reportable features:

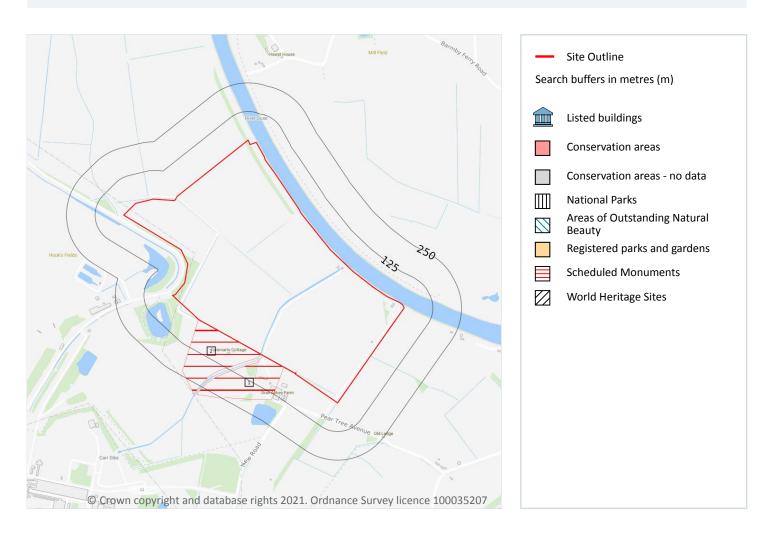
Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	07/03/2018
Assemblages of breeding birds - Mixed	Favourable	03/03/2017
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - Recovering	26/03/2010
Otter, Lutra lutra	Favourable	01/03/2011
Outstanding dragonfly assemblage	Favourable	04/12/2017
Rivers and Streams	Unfavourable - Recovering	01/03/2010
S1095 Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	26/03/2010
S1099 River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	26/03/2010
S1163 Bullhead, Cottus gobio	Unfavourable - Recovering	26/03/2010
S1355 Otter, Lutra lutra	Favourable	26/03/2010

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





# 11 Visual and cultural designations



### 11.1 World Heritage Sites

Records within 250m 0

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

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





#### 11.2 Area of Outstanding Natural Beauty

Records within 250m 0

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

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

#### 11.3 National Parks

Records within 250m 0

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

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

### 11.4 Listed Buildings

Records within 250m 0

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

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

#### 11.5 Conservation Areas

Records within 250m 0

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





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

#### 11.6 Scheduled Ancient Monuments

Records within 250m 2

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

Features are displayed on the Visual and cultural designations map on page 79

ID	Location	Ancient monument name	Reference number	
1	On site Drax Augustinian priory		1016857	
	On site	Drax Augustinian priory	1016857	

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

### **11.7 Registered Parks and Gardens**

Records within 250m 0

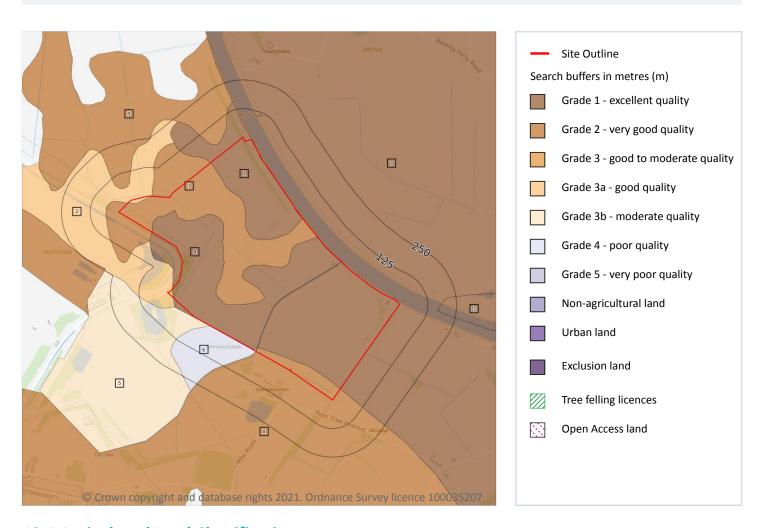
Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the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

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





# 12 Agricultural designations



### 12.1 Agricultural Land Classification

### Records within 250m 10

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

Features are displayed on the Agricultural designations map on page 82

ID	Location	Classification	Description
1	On site	Grade 1	Excellent quality agricultural land. Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.





ID	Location	Classification	Description
2	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
3	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
4	On site	Grade 1	Excellent quality agricultural land. Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.
5	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
6	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
7	On site	Grade 1	Excellent quality agricultural land. Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.
8	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
9	44m NW	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
10	171m E	Grade 1	Excellent quality agricultural land. Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.

This data is sourced from Natural England.





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#### 12.2 Open Access Land

Records within 250m

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

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

#### **12.3 Tree Felling Licences**

Records within 250m 0

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

This data is sourced from the Forestry Commission.

### 12.4 Environmental Stewardship Schemes

Records within 250m 2

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

Location	Reference	Scheme	Start Date	End date
64m N	AG00353397	Entry Level plus Higher Level Stewardship	01/05/2011	30/04/2021
101m E	AG00433806	Entry Level plus Higher Level Stewardship	01/12/2012	30/11/2022

This data is sourced from Natural England.

### **12.5 Countryside Stewardship Schemes**

Records within 250m 3

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





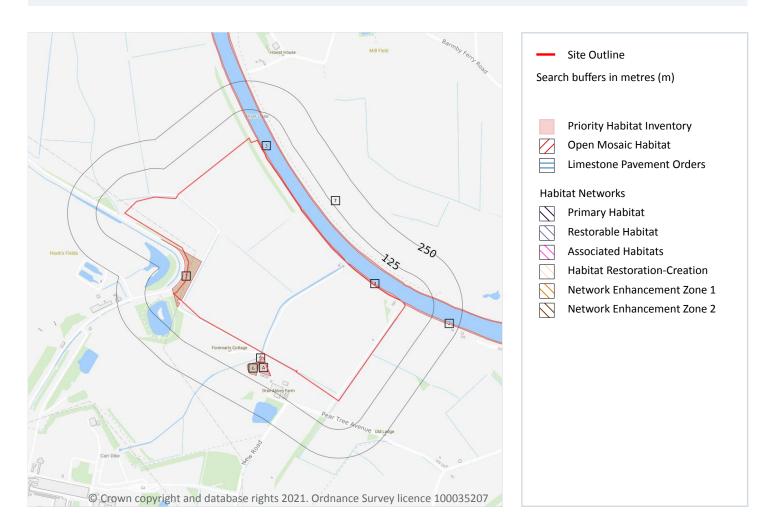
Location	Reference	Scheme	Start Date	End Date
10m SW	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
16m S	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
89m S	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

This data is sourced from Natural England.





# 13 Habitat designations



## **13.1 Priority Habitat Inventory**

#### Records within 250m 9

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

Features are displayed on the Habitat designations map on page 86

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Mudflats	Main habitat: MUDFL (INV > 50%)
3	On site	Mudflats	Main habitat: MUDFL (INV > 50%)
4	On site	Mudflats	Main habitat: MUDFL (INV > 50%)



n any questions at: Date: 25 August 2021



ID	Location	Main Habitat	Other habitats
5	15m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
А	16m SW	Deciduous woodland	Main habitat: TORCH (INV > 50%); DWOOD (INV > 50%)
А	17m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	40m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	60m NE	Mudflats	Main habitat: MUDFL (INV > 50%)

This data is sourced from Natural England.

#### 13.2 Habitat Networks

Records within 250m 0

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

This data is sourced from Natural England.

#### 13.3 Open Mosaic Habitat

Records within 250m 0

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

This data is sourced from Natural England.

#### **13.4 Limestone Pavement Orders**

Records within 250m

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

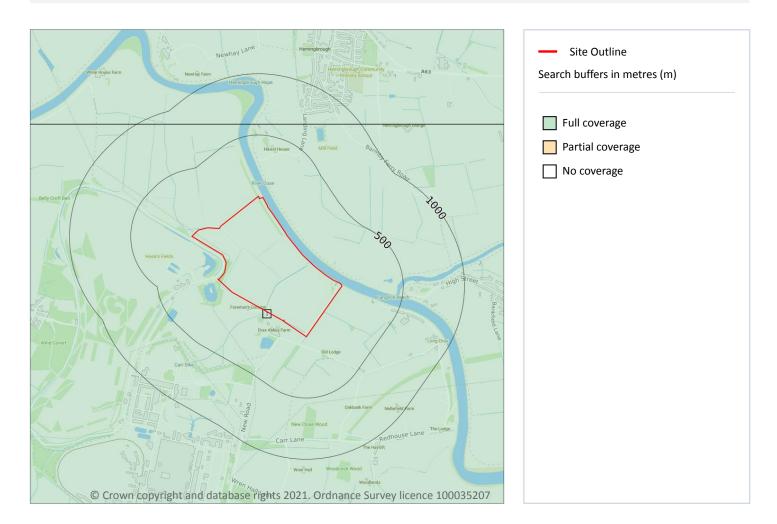
This data is sourced from Natural England.



Contact us with any questions at: Date: 25 August 2021



# 14 Geology 1:10,000 scale - Availability



## 14.1 10k Availability

## Records within 500m 1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on page 88

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NE

This data is sourced from the British Geological Survey.





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

## 14.2 Artificial and made ground (10k)

Records within 500m 0

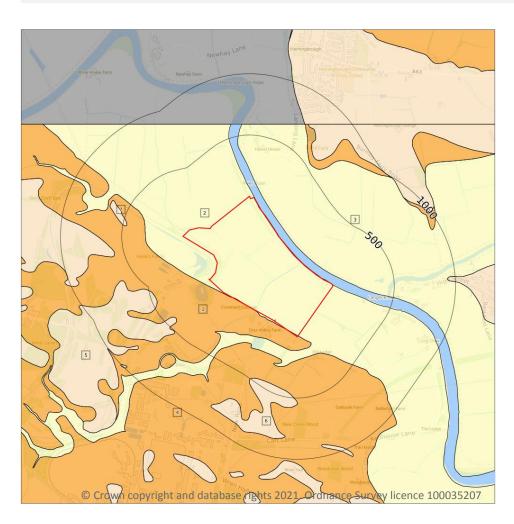
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.





# Geology 1:10,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (10k)
Superficial geology (10k)
Please see table for more details.

## 14.3 Superficial geology (10k)

#### Records within 500m 7

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 90

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
2	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	62m NE	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
4	181m S	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty





ID	Location	LEX Code	Description	Rock description
5	417m SW	BREI-S	Breighton Sand Formation - Sand	Sand
6	438m SW	BREI-S	Breighton Sand Formation - Sand	Sand
7	468m W	BREI-S	Breighton Sand Formation - Sand	Sand

This data is sourced from the British Geological Survey.

## 14.4 Landslip (10k)

Records within 500m 0

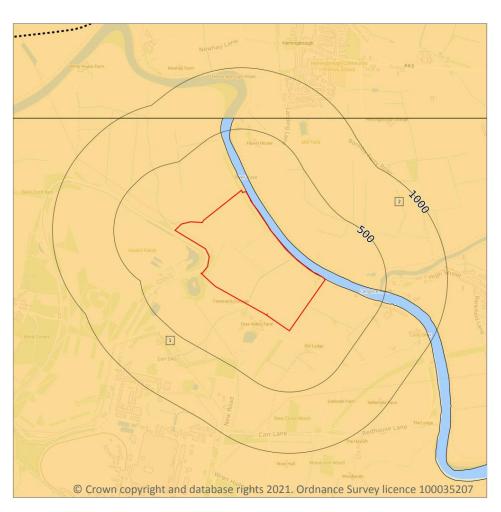
Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.





# Geology 1:10,000 scale - Bedrock



Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)

Please see table for more details.

## 14.5 Bedrock geology (10k)

#### Records within 500m 2

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 92

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]
2	62m NE	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.





## 14.6 Bedrock faults and other linear features (10k)

Records within 500m 0

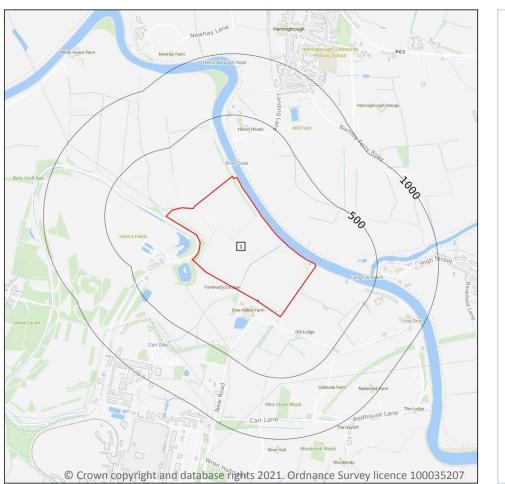
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.





# 15 Geology 1:50,000 scale - Availability



Site Outline
Search buffers in metres (m)
Geological map tile

## 15.1 50k Availability

#### Records within 500m

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

Features are displayed on the Geology 1:50,000 scale - Availability map on page 94

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_v4

This data is sourced from the British Geological Survey.





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

### 15.2 Artificial and made ground (50k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

### 15.3 Artificial ground permeability (50k)

Records within 50m 0

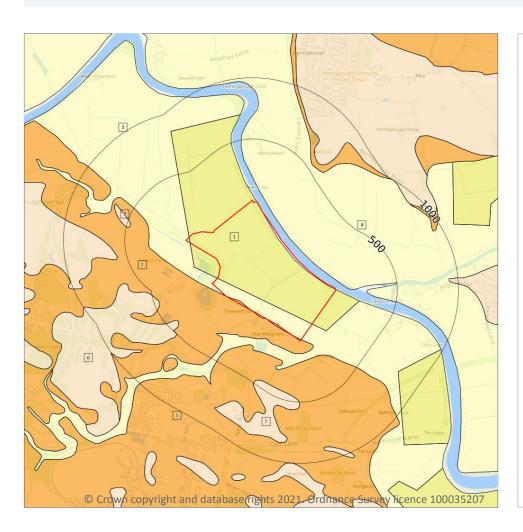
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.





# Geology 1:50,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (50k)

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

## 15.4 Superficial geology (50k)

### Records within 500m 8

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on page 96

ID	Location	LEX Code	Description	Rock description
1	On site	WARP-XCZ	WARP	CLAY AND SILT
2	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
3	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
4	57m NE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL





ID	Location	LEX Code	Description	Rock description
5	165m S	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
6	414m SW	BREI-S	BREIGHTON SAND FORMATION	SAND
7	434m SW	BREI-S	BREIGHTON SAND FORMATION	SAND
8	472m W	BREI-S	BREIGHTON SAND FORMATION	SAND

This data is sourced from the British Geological Survey.

### 15.5 Superficial permeability (50k)

Records within 50m 3

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

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

This data is sourced from the British Geological Survey.

### 15.6 Landslip (50k)

Records within 500m

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

This data is sourced from the British Geological Survey.

## 15.7 Landslip permeability (50k)

Records within 50m 0

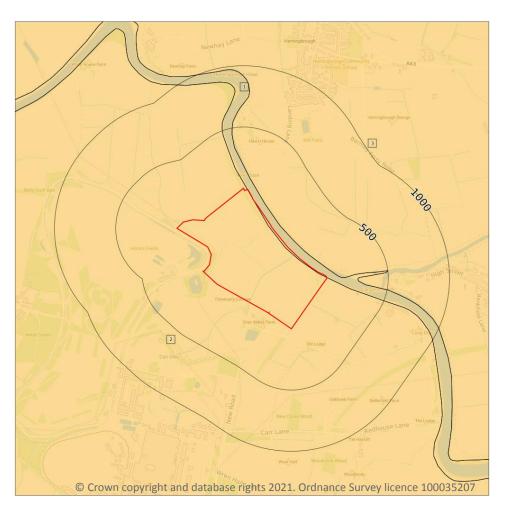
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.





# Geology 1:50,000 scale - Bedrock



Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)

Please see table for more details.

## 15.8 Bedrock geology (50k)

#### Records within 500m

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on page 98

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-
2	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-
			SHERWOOD SANDSTONE GROUP - SANDSTONE	

This data is sourced from the British Geological Survey.





### 15.9 Bedrock permeability (50k)

Records within 50m

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

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

This data is sourced from the British Geological Survey.

## 15.10 Bedrock faults and other linear features (50k)

Records within 500m 0

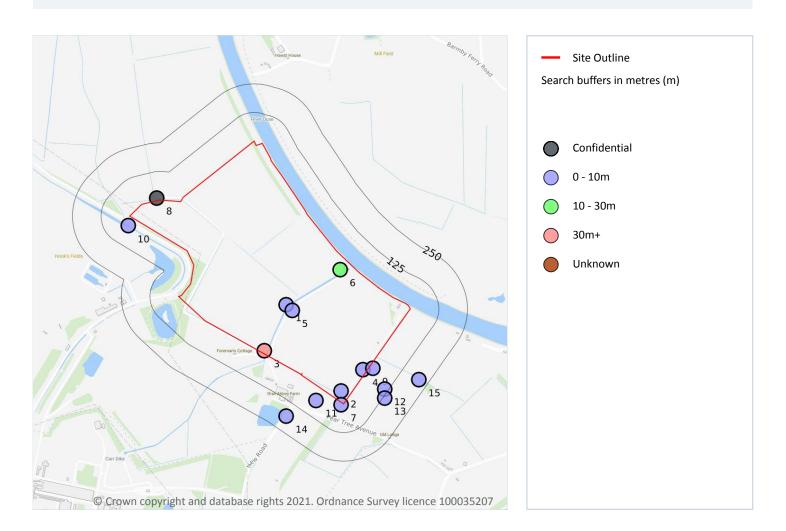
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.





## 16 Boreholes



#### 16.1 BGS Boreholes

Records within 250m 15

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

Features are displayed on the Boreholes map on page 100

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	467070 428697	BARMBY TO BRAYTON GRIDLINK 26	-2.0	N	121462
2	On site	467310 428320	LANCASHIRE - YORKSHIRE MOTORWAY M62 A680	3.0	N	16096157







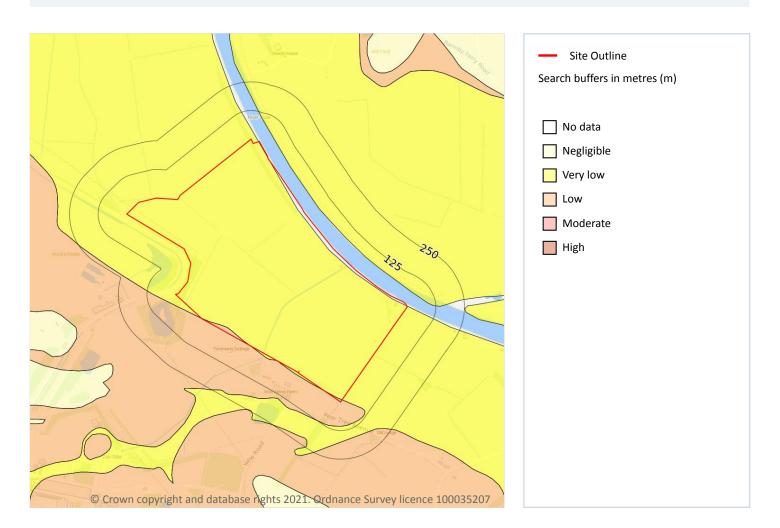
ID	Location	Grid reference	Name	Length	Confidential	Web link
3	On site	466975 428497	GOOLE POWER STATION 9	35.05	N	<u>121421</u>
4	On site	467405 428414	BARMBY TO BRAYTON GRIDLINK 28	-2.0	N	<u>121464</u>
5	On site	467098 428673	BARMBY TO BRAYTON GRIDLINK 27	-2.0	N	<u>121463</u>
6	On site	467306 428851	GOOLE POWER STATION 10	24.38	N	<u>121422</u>
7	10m SW	467310 428260	LANCASHIRE - YORKSHIRE MOTORWAY M62 A681	3.0	N	16096194
8	12m N	466505 429164	DRAX POWER STATION BH107	-	Υ	N/A
9	15m SE	467448 428420	BARMBY TO BRAYTON GRIDLINK 29	-2.0	N	<u>121465</u>
10	40m SW	466380 429042	BARMBY TO BRAYTON GRIDLINK 25	-2.0	N	<u>121461</u>
11	56m SW	467200 428280	LANCASHIRE - YORKSHIRE MOTORWAY M62 A679	3.0	N	<u>16096156</u>
12	109m SE	467500 428330	LANCASHIRE - YORKSHIRE MOTORWAY M62 A682	3.0	N	16096195
13	132m SE	467500 428290	LANCASHIRE - YORKSHIRE MOTORWAY M62 A683	3.0	N	16096196
14	187m SW	467070 428210	LANCASHIRE - YORKSHIRE MOTORWAY M62 A678	3.0	N	<u>16096155</u>
15	209m SE	467650 428370	LANCASHIRE - YORKSHIRE MOTORWAY M62 A684	3.0	N	16096197

This data is sourced from the British Geological Survey.





## 17 Natural ground subsidence - Shrink swell clays



## 17.1 Shrink swell clays

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on page 102

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
On site	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Running sands



### **17.2** Running sands

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Running sands map on page 103

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.





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

This data is sourced from the British Geological Survey.







## Natural ground subsidence - Compressible deposits



### 17.3 Compressible deposits

Records within 50m 1

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on page 105

Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

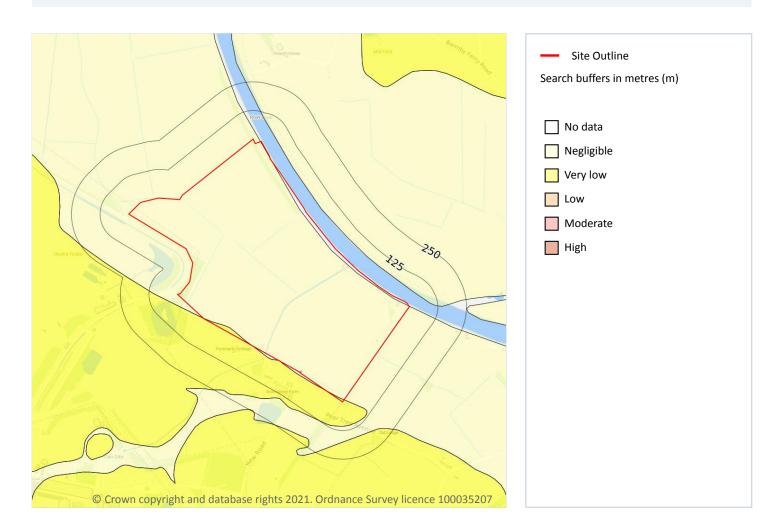
This data is sourced from the British Geological Survey.



105



# Natural ground subsidence - Collapsible deposits



## 17.4 Collapsible deposits

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on page 106

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.







# Natural ground subsidence - Landslides



#### 17.5 Landslides

Records within 50m 1

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

Features are displayed on the Natural ground subsidence - Landslides map on page 107

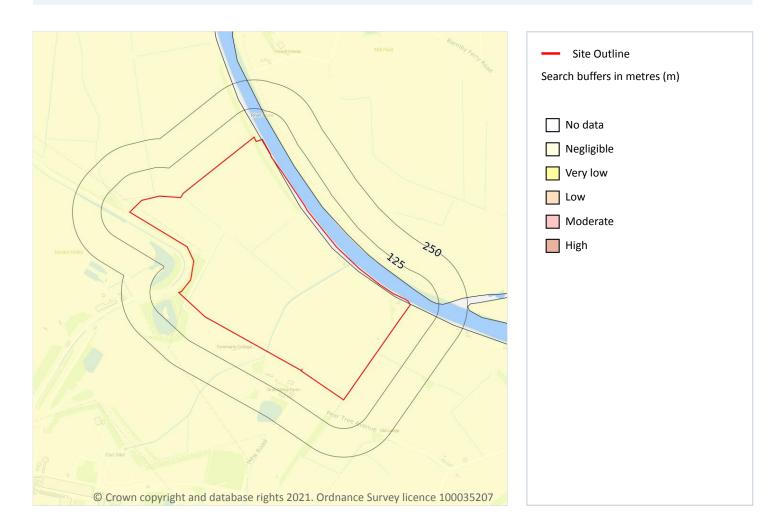
Location	Hazard rating	Details
On site	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Ground dissolution of soluble rocks



#### 17.6 Ground dissolution of soluble rocks

## Records within 50m 1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page** 108

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



(108)

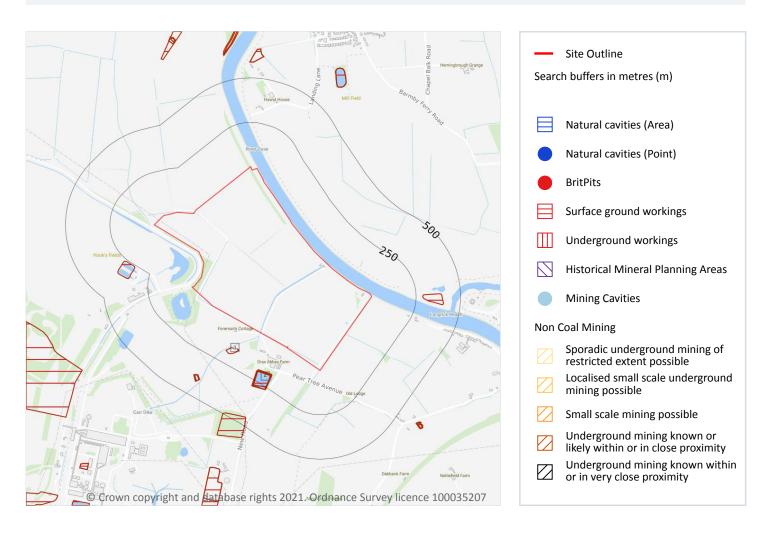


This data is sourced from the British Geological Survey.





# 18 Mining, ground workings and natural cavities



#### 18.1 Natural cavities

Records within 500m 0

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

This data is sourced from Stantec UK Ltd.





#### 18.2 BritPits

Records within 500m 0

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

This data is sourced from the British Geological Survey.

#### 18.3 Surface ground workings

Records within 250m 6

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

Features are displayed on the Mining, ground workings and natural cavities map on page 110

ID	Location	Land Use	Year of mapping	Mapping scale
1	143m SW	Unspecified Heap	1957	1:10560
А	173m SW	Pond	1974	1:10000
А	173m SW	Pond	1988	1:10000
А	176m SW	Fish Pond	1957	1:10560
Α	181m SW	Fish Pond	1908	1:10560
Α	181m SW	Fish Pond	1950	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

#### **18.4 Underground workings**

Records within 1000m 0

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

This is data is sourced from Ordnance Survey/Groundsure.





#### **18.5 Historical Mineral Planning Areas**

Records within 500m 0

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

This data is sourced from the British Geological Survey.

#### 18.6 Non-coal mining

Records within 1000m 0

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

This data is sourced from the British Geological Survey.

#### **18.7 Mining cavities**

Records within 1000m 0

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

This data is sourced from Stantec UK Ltd.

#### 18.8 JPB mining areas

Records on site 0

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

This data is sourced from Johnson Poole and Bloomer.

#### 18.9 Coal mining

Records on site 1

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





Location

**Details** 

On site

The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

#### 18.10 Brine areas

Records on site 0

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

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

#### 18.11 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

#### 18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

#### 18.13 Clay mining

Records on site 0

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

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



Contact us with any questions at: Date: 25 August 2021

info@groundsure.com 08444 159 000



## 19 Radon



#### **19.1** Radon

Records on site 1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 114

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

This data is sourced from the British Geological Survey and Public Health England.





## 20 Soil chemistry

#### 20.1 BGS Estimated Background Soil Chemistry

Records within 50m 16

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
2m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
12m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.





#### 20.2 BGS Estimated Urban Soil Chemistry

Records within 50m 0

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

This data is sourced from the British Geological Survey.

#### **20.3 BGS Measured Urban Soil Chemistry**

Records within 50m 0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

This data is sourced from the British Geological Survey.





## 21 Railway infrastructure and projects

#### 21.1 Underground railways (London)

Records within 250m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.2 Underground railways (Non-London)

Records within 250m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.3 Railway tunnels

Records within 250m

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

#### 21.4 Historical railway and tunnel features

Records within 250m 0

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

This data is sourced from Ordnance Survey/Groundsure.

#### 21.5 Royal Mail tunnels

Records within 250m 0

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





This data is sourced from Groundsure/the Postal Museum.

#### 21.6 Historical railways

Records within 250m 0

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

This data is sourced from OpenStreetMap.

#### 21.7 Railways

Records within 250m 0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

#### 21.8 Crossrail 1

Records within 500m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.9 Crossrail 2

Records within 500m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.10 HS2

Records within 500m 0

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

This data is sourced from HS2 ltd.





# **Data providers**

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see

## **Terms and conditions**

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





# Enviro+Geo Insight

#### **Drax Power Station**

#### **Order Details**

**Date:** 25/08/2021

Your ref: Drax Power Station

Our Ref: GSIP-2021-12199-7640 B

Client: WSP UK Limited

#### **Site Details**

**Location:** 466705 428232

**Area:** 108.99 ha

**Authority:** Selby District Council



**Summary of findings** 

p. 2 Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide



# **Summary of findings**

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	Historical industrial land uses	8	3	12	3	-
<u>15</u>	<u>1.2</u>	<u>Historical tanks</u>	27	1	5	4	-
<u>16</u>	<u>1.3</u>	Historical energy features	2	0	1	1	-
17	1.4	Historical petrol stations	0	0	0	0	-
17	1.5	Historical garages	0	0	0	0	-
17	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>18</u>	<u>2.1</u>	Historical industrial land uses	13	3	14	5	-
<u>20</u>	<u>2.2</u>	<u>Historical tanks</u>	44	1	7	4	-
<u>22</u>	<u>2.3</u>	Historical energy features	6	0	2	5	-
23	2.4	Historical petrol stations	0	0	0	0	-
23	2.5	Historical garages	0	0	0	0	-
Dogo	Section	Waste and landfill	0	0.50m	50-250m	250 500	F00 2000 ··
Page	Section	waste and iandini	On site	0-50m	30-230111	250-500m	500-2000m
24	3.1	Active or recent landfill	on site	0-50111	0	0	500-2000m -
							- -
<u>24</u>	3.1	Active or recent landfill	1	0	0	0	- - -
<b>24</b> 25	<b>3.1</b> 3.2	Active or recent landfill Historical landfill (BGS records)	1	0	0	0	- - -
24 25 25	3.1 3.2 3.3	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)	1 0 0	0 0	0 0	0 0	- - -
24 25 25 25	3.1 3.2 3.3 3.4	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)	1 0 0	0 0 0	0 0 0	0 0 0 0	- - - -
24 25 25 25 25 26	3.1 3.2 3.3 3.4 3.5	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites	1 0 0 1	0 0 0 0	0 0 0 0	0 0 0 1	
24 25 25 25 26 26	3.1 3.2 3.3 3.4 3.5 3.6	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites	1 0 0 1 0 4	0 0 0 0 0	0 0 0 0 0	0 0 0 1 0	500-2000m
24 25 25 25 26 26 28	3.1 3.2 3.3 3.4 3.5 3.6 3.7	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions	1 0 0 1 0 4	0 0 0 0 0	0 0 0 0 0 2 17	0 0 0 1 0 0	- - - - -
24 25 25 25 26 26 28 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use	1 0 0 1 0 4 0	0 0 0 0 0 0	0 0 0 0 2 17	0 0 0 1 0 0	- - - - -
24 25 25 25 26 26 28 Page	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses	1 0 0 1 0 4 0 On site	0 0 0 0 0 0 0 0-50m	0 0 0 0 0 2 17 50-250m	0 0 0 1 0 0 1 250-500m	- - - - -
24 25 25 26 26 28 Page 31	3.1 3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2	Active or recent landfill  Historical landfill (BGS records)  Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses  Current or recent petrol stations	1 0 0 1 0 4 0 On site 38 0	0 0 0 0 0 0 0 0-50m	0 0 0 0 0 2 17 50-250m	0 0 0 1 0 0 1 250-500m	- - - - -





<u>36</u>	<u>4.6</u>	Control of Major Accident Hazards (COMAH)	1	0	0	0	-
37	4.7	Regulated explosive sites	0	0	0	0	-
<u>37</u>	4.8	Hazardous substance storage/usage	1	0	1	3	-
<u>38</u>	<u>4.9</u>	Historical licensed industrial activities (IPC)	0	0	34	0	-
<u>42</u>	<u>4.10</u>	Licensed industrial activities (Part A(1))	0	0	0	70	-
<u>53</u>	<u>4.11</u>	Licensed pollutant release (Part A(2)/B)	0	0	1	0	-
54	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>54</u>	<u>4.13</u>	Licensed Discharges to controlled waters	28	3	7	3	-
59	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
60	4.15	Pollutant release to public sewer	0	0	0	0	-
<u>60</u>	<u>4.16</u>	List 1 Dangerous Substances	0	1	0	0	-
60	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>60</u>	<u>4.18</u>	Pollution Incidents (EA/NRW)	2	0	0	0	-
61	4.19	Pollution inventory substances	0	0	0	0	-
61	4.20	Pollution inventory waste transfers	0	0	0	0	-
61	4.21	Pollution inventory radioactive waste	0	0	0	0	-
				0.50	F0 2F0		
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
Page <b>62</b>	Section 5.1	Hydrogeology  Superficial aquifer		within 500m		250-500m	500-2000m
		, , ,	Identified (		)	250-500m	500-2000m
<u>62</u>	<u>5.1</u>	Superficial aquifer	Identified (	within 500m	)	250-500m	500-2000m
<u>62</u> <u>64</u>	<u>5.1</u> <u>5.2</u>	Superficial aquifer  Bedrock aquifer	Identified (	within 500m within 500m within 50m)	)	250-500m	500-2000m
62 64 65	5.1 5.2 5.3	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability	Identified ( Identified ( Identified (	within 500m within 500m within 50m) in 0m)	)	250-500m	500-2000m
<ul><li>62</li><li>64</li><li>65</li><li>69</li></ul>	5.1 5.2 5.3 5.4	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk	Identified ( Identified ( Identified ( None (with	within 500m within 500m within 50m) in 0m)	)	250-500m	500-2000m
62 64 65 69 70	<b>5.1 5.2 5.3</b> 5.4 5.5	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk  Groundwater vulnerability- local information	Identified ( Identified ( Identified ( None (with	within 500m within 500m within 50m) in 0m)	)		
62 64 65 69 70 71	5.1 5.2 5.3 5.4 5.5 5.6	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk  Groundwater vulnerability- local information  Groundwater abstractions	Identified ( Identified ( Identified ( None (with None (with	within 500m within 500m within 50m) in 0m) in 0m)	0	0	24
62 64 65 69 70 71 78	5.1 5.2 5.3 5.4 5.5 5.6	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk  Groundwater vulnerability- local information  Groundwater abstractions  Surface water abstractions	Identified ( Identified ( Identified ( None (with None (with	within 500m within 500m within 50m) in 0m) 1 3	0	0	24 9
62 64 65 69 70 71 78 81	5.1 5.2 5.3 5.4 5.5 5.6 5.7	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk  Groundwater vulnerability- local information  Groundwater abstractions  Surface water abstractions  Potable abstractions	Identified ( Identified ( Identified ( None (with None (with 0 1 0	within 500m within 500m within 50m) in 0m) 1 3 0	0 0	0 1 0	24 9
62 64 65 69 70 71 78 81	5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9	Superficial aquifer  Bedrock aquifer  Groundwater vulnerability  Groundwater vulnerability- soluble rock risk  Groundwater vulnerability- local information  Groundwater abstractions  Surface water abstractions  Potable abstractions  Source Protection Zones	Identified ( Identified ( Identified ( None (with None (with 0 1 0 1	within 500m within 500m within 50m) in 0m)  1 3 0 0	0 0 0	0 1 0	24 9





<u>89</u>	<u>6.2</u>	Surface water features	1	17	17	-	-
<u>89</u>	<u>6.3</u>	WFD Surface water body catchments	1	-	-	-	-
<u>89</u>	<u>6.4</u>	WFD Surface water bodies	1	0	0	-	-
<u>90</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
91	<u>7.1</u>	Risk of Flooding from Rivers and Sea (RoFRaS)	Medium (w	vithin 50m)			
<u>92</u>	<u>7.2</u>	<u>Historical Flood Events</u>	6	0	18	-	-
93	7.3	Flood Defences	0	0	0	-	-
<u>94</u>	<u>7.4</u>	Areas Benefiting from Flood Defences	1	0	1	-	-
94	7.5	Flood Storage Areas	0	0	0	-	-
<u>95</u>	<u>7.6</u>	Flood Zone 2	Identified (	within 50m)			
<u>96</u>	<u>7.7</u>	Flood Zone 3	Identified (	within 50m)			
Page	Section	Surface water flooding					
97	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, Greater tha	n 1.0m (wit	hin 50m)	
Dago	Section	Crown deviator flooding					
Page	Section	Groundwater flooding					
99	<u>9.1</u>	Groundwater flooding  Groundwater flooding	High (withi	n 50m)			
			High (withi	n 50m) <sub>0-50m</sub>	50-250m	250-500m	500-2000m
99	9.1	Groundwater flooding			50-250m	250-500m	500-2000m
99 Page	9.1 Section	Groundwater flooding  Environmental designations	On site	0-50m			
99 Page	9.1 Section 10.1	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)	On site	0-50m	0	0	1
99 Page 100 101	9.1 Section 10.1 10.2	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)	On site  0	0-50m 0	0	0	1
99 Page 100 101	9.1 Section 10.1 10.2 10.3	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)	On site  0 0 0	0-50m 0 0	0 0	0 0	1 0 1
99 Page 100 101 101	9.1 Section 10.1 10.2 10.3 10.4	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)	On site  0 0 0 0	0-50m 0 0 0	0 0 0	0 0 0	1 0 1 0
99 Page 100 101 101 101 102	9.1 Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)	On site  0 0 0 0 0	0-50m 0 0 0	0 0 0 0	0 0 0 0	1 0 1 0
99 Page 100 101 101 101 102 102	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)	On site  0 0 0 0 0 0	0-50m 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 0 1 0 0
99 Page 100 101 101 102 102 102	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland	On site  0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 0 1 0 0 0
99 Page 100 101 101 102 102 102 102	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves	On site  0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 0 1 0 0 0
99 Page 100 101 101 102 102 102 102 103	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks	On site  O O O O O O O O O O O O O	0-50m  0  0  0  0  0  0  0  0  0  0	0 0 0 0 0 0	0 0 0 0 0 0	1 0 1 0 0 0 0
99 Page 100 101 101 102 102 102 102 103 103	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9 10.10	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks  Marine Conservation Zones	On site  O O O O O O O O O O O O O O O O O O	0-50m  0  0  0  0  0  0  0  0  0  0  0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	1 0 1 0 0 0 0 0





103	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
104	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
<u>104</u>	<u>10.15</u>	Nitrate Sensitive Areas	0	0	0	0	1
<u>104</u>	<u>10.16</u>	Nitrate Vulnerable Zones	0	0	0	0	3
<u>105</u>	<u>10.17</u>	SSSI Impact Risk Zones	3	-	-	-	-
<u>107</u>	<u>10.18</u>	SSSI Units	0	0	0	0	2
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
109	11.1	World Heritage Sites	0	0	0	-	-
110	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
110	11.3	National Parks	0	0	0	-	-
110	11.4	Listed Buildings	0	0	0	-	-
110	11.5	Conservation Areas	0	0	0	-	-
<u>111</u>	<u>11.6</u>	Scheduled Ancient Monuments	2	0	0	-	-
111	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>112</u>	<u>12.1</u>	Agricultural Land Classification	Grade 2 (w	ithin 250m)		ı	
<b>112</b> 113	<b>12.1</b> 12.2	Agricultural Land Classification  Open Access Land	Grade 2 (w	ithin <b>250m)</b> 0	0	-	-
					0	-	-
113	12.2	Open Access Land	0	0		- -	- - -
113 114	12.2	Open Access Land Tree Felling Licences	0	0	0	- - -	- - -
113 114 114	12.2 12.3 12.4	Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes	0 0	0 0	0	- - - - 250-500m	- - - 500-2000m
113 114 114 114	12.2 12.3 12.4 <b>12.5</b>	Open Access Land  Tree Felling Licences  Environmental Stewardship Schemes  Countryside Stewardship Schemes	0 0 0 4	0 0 0	0 0	- - - - 250-500m	- - - 500-2000m
113 114 114 114 114 Page	12.2 12.3 12.4 <b>12.5</b> Section	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations	0 0 0 4 On site	0 0 0 0	0 0 0 50-250m	- - - - 250-500m -	- - - 500-2000m -
113 114 114 114 Page 115	12.2 12.3 12.4 <b>12.5</b> Section	Open Access Land Tree Felling Licences Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory	0 0 0 4 On site	0 0 0 0 0-50m	0 0 0 50-250m	- - - 250-500m - -	- - - 500-2000m - -
113 114 114 114 114 Page 115 116	12.2 12.3 12.4 <b>12.5</b> Section <b>13.1</b> 13.2	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks	0 0 4 On site	0 0 0 0 0-50m 5	0 0 0 50-250m 4	- - - 250-500m - - -	- - - 500-2000m - - -
113 114 114 114 Page 115 116 116	12.2 12.3 12.4 <b>12.5</b> Section <b>13.1</b> 13.2	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat	0 0 4 On site 4 0	0 0 0 0 0-50m 5 0	0 0 0 50-250m 4 0	- - - 250-500m - - - - 250-500m	- - - 500-2000m - - - - 500-2000m
113 114 114 114 Page 115 116 116	12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3 13.4	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders	0 0 4 On site 4 0 0 0 On site	0 0 0 0 0-50m 5 0	0 0 0 50-250m 4 0 0 0	- - -	- - -
113 114 114 114 Page 115 116 116 Page	12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3 13.4 Section	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks Open Mosaic Habitat Limestone Pavement Orders  Geology 1:10,000 scale	0 0 4 On site 4 0 0 0 On site	0 0 0 0 0-50m 5 0 0	0 0 0 50-250m 4 0 0 0	- - -	- - -
113 114 114 114 Page 115 116 116 Page 118	12.2 12.3 12.4 12.5 Section 13.1 13.2 13.3 13.4 Section 14.1	Open Access Land Tree Felling Licences Environmental Stewardship Schemes  Countryside Stewardship Schemes  Habitat designations  Priority Habitat Inventory  Habitat Networks  Open Mosaic Habitat  Limestone Pavement Orders  Geology 1:10,000 scale  10k Availability	0 0 4 On site 4 0 0 On site Identified (	0 0 0 0-50m 5 0 0 0-50m	0 0 0 50-250m 4 0 0 50-250m	- - - - 250-500m	- - -





121	14.4	Landslip (10k)	0	0	0	0	-
<u>122</u>	<u>14.5</u>	Bedrock geology (10k)	1	0	0	0	-
123	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>124</u>	<u>15.1</u>	50k Availability	Identified (	within 500m	)		
125	15.2	Artificial and made ground (50k)	0	0	0	0	-
125	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>126</u>	<u>15.4</u>	Superficial geology (50k)	6	0	4	3	-
<u>127</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (	within 50m)			
127	15.6	Landslip (50k)	0	0	0	0	-
128	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>129</u>	<u>15.8</u>	Bedrock geology (50k)	1	0	0	1	-
<u>130</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (	within 50m)			
130	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	_
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
<u>131</u>	<u>16.1</u>	BGS Boreholes	38	7	29	-	-
<b>131</b> Page	16.1 Section	BGS Boreholes  Natural ground subsidence	38	7	29	-	-
			38		29	-	·
Page	Section	Natural ground subsidence		n 50m)	29	-	-
Page <u>135</u>	Section <b>17.1</b>	Natural ground subsidence  Shrink swell clays	Low (within	n 50m)	29	-	-
Page  135  137	Section <u>17.1</u> <u>17.2</u>	Natural ground subsidence  Shrink swell clays Running sands	Low (within	n 50m) n 50m) within 50m)	29	-	-
Page  135  137  139	Section  17.1  17.2  17.3	Natural ground subsidence  Shrink swell clays  Running sands  Compressible deposits	Low (within Low (within Moderate (	n 50m) n 50m) (within 50m) vithin 50m)	29	-	-
Page  135  137  139  141	Section  17.1  17.2  17.3  17.4	Natural ground subsidence  Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits	Low (within Low (within Moderate (Very low (within Low	n 50m) n 50m) (within 50m) vithin 50m)	29	-	-
Page  135  137  139  141  142	Section  17.1  17.2  17.3  17.4  17.5	Natural ground subsidence  Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits  Landslides	Low (within Low (within Moderate (Very low (within Low	n 50m) n 50m) (within 50m) vithin 50m) n 50m)	29 50-250m	- 250-500m	- 500-2000m
Page  135  137  139  141  142  144	Section  17.1  17.2  17.3  17.4  17.5  17.6	Natural ground subsidence  Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits  Landslides  Ground dissolution of soluble rocks	Low (within Low (within Moderate (Very low (within Negligible (	n 50m) n 50m) (within 50m) vithin 50m) n 50m) (within 50m)		250-500m	- 500-2000m
Page  135  137  139  141  142  144  Page	Section  17.1  17.2  17.3  17.4  17.5  17.6  Section	Natural ground subsidence  Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Low (within Low (within Moderate (Very low (vuthin Negligible (On site	n 50m) n 50m) within 50m) n 50m) n 50m) within 50m) o 50m	50-250m		- 500-2000m -
Page  135 137 139 141 142 144 Page	Section  17.1  17.2  17.3  17.4  17.5  17.6  Section  18.1	Natural ground subsidence  Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks  Mining, ground workings and natural cavities Natural cavities	Low (within Low (within Moderate (Very low (Very low (Very low (Within Negligible (On site	n 50m) n 50m) within 50m) n 50m) n 50m) within 50m) 0-50m	50-250m	0	- 500-2000m - -
Page  135 137 139 141 142 144 Page 146 147	Section  17.1  17.2  17.3  17.4  17.5  17.6  Section  18.1  18.2	Natural ground subsidence  Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks  Mining, ground workings and natural cavities Natural cavities  BritPits	Low (within Low (within Moderate (Very low (Within Negligible (On site	n 50m) n 50m) (within 50m) n 50m) n 50m) (within 50m) 0-50m 0	50-250m 0	0	- 500-2000m - - -
Page  135 137 139 141 142 144 Page 146 147	Section  17.1  17.2  17.3  17.4  17.5  17.6  Section  18.1  18.2  18.3	Natural ground subsidence  Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks  Mining, ground workings and natural cavities Natural cavities  BritPits Surface ground workings	Low (within Low (within Moderate (Very low (v. Low (within Negligible (On site	n 50m) n 50m) (within 50m) n 50m) (within 50m) n 50m) (within 50m) 0-50m 0 0 3	50-250m 0 0 3	0 4	- - -





149	18.6	Non-coal mining	0	0	0	0	0
149	18.7	Mining cavities	0	0	0	0	0
149	18.8	JPB mining areas	None (with	in 0m)			
<u>149</u>	<u>18.9</u>	Coal mining	Identified (	within 0m)			
150	18.10	Brine areas	None (with	in 0m)			
150	18.11	Gypsum areas	None (with	in 0m)			
150	18.12	Tin mining	None (with	in 0m)			
150	18.13	Clay mining	None (with	in 0m)			
Page	Section	Radon					
<u>151</u>	<u>19.1</u>	Radon	Less than 1	% (within 0r	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>152</u>	<u>20.1</u>	BGS Estimated Background Soil Chemistry	39	8	-	-	-
154	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
154	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
155	21.1	Underground railways (London)	0	0	0	-	-
155	21.2	Underground railways (Non-London)	0	0	0	-	-
156	21.3	Railway tunnels	0	0	0	-	-
<u>156</u>	<u>21.4</u>	Historical railway and tunnel features	1	2	7	-	-
156	21.5	Royal Mail tunnels	0	0	0	-	-
157	21.6	Historical railways	0	0	0	-	-
<u>157</u>	<u>21.7</u>	Railways	6	1	7	-	-
158	21.8	Crossrail 1	0	0	0	0	-
158	21.9	Crossrail 2	0	0	0	0	-
158	21.10	HS2	0	0	0	0	-





# **Recent aerial photograph**



Capture Date: 24/06/2020





# Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017





# Recent site history - 2014 aerial photograph



Capture Date: 27/09/2014





# Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007





# Recent site history - 1999 aerial photograph

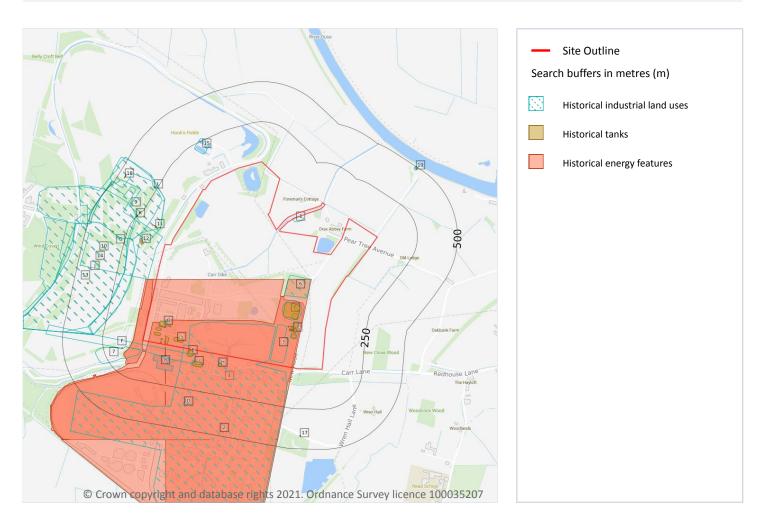


Capture Date: 18/05/1999





## 1 Past land use



#### 1.1 Historical industrial land uses

#### Records within 500m 26

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Heap	1957	1417205





ID	Location	Land use	Dates present	Group ID
2	On site	Power Station	1974 - 1988	1542669
3	On site	Unspecified Heap	1974 - 1988	1557464
6	On site	Unspecified Heaps	1974	1439780
Α	On site	Unspecified Tanks	1974 - 1988	1486565
В	On site	Unspecified Tank	1974 - 1988	1493863
В	On site	Sewage Works	1974 - 1988	1541031
С	On site	Unspecified Tanks	1974 - 1988	1506650
Е	6m S	Unspecified Tanks	1988	1426299
F	25m S	Railway Sidings	1974	1486587
G	37m NW	Refuse Heap	1988	1437756
Н	53m S	Unspecified Tank	1988	1434870
7	60m S	Refuse Heap	1974	1437753
I	68m S	Unspecified Tanks	1988	1426298
8	73m S	Settling Ponds	1988	1443726
9	88m NW	Unspecified Depot	1974	1428727
10	105m NW	Unspecified Commercial/Industrial	1950 - 1957	1460251
13	146m W	Unspecified Commercial/Industrial	1974	1458315
14	157m NW	Railway Sidings	1974	1458185
15	169m NW	Unspecified Pits	1988	1423343
J	204m W	Railway Sidings	1957	1458168
J	207m W	Railway Sidings	1950	1530171
K	244m NW	Unspecified Tank	1974	1434867
L	257m NW	Unspecified Tank	1974	1434865
D	326m S	Chimney	1974 - 1988	1498723
19	481m NE	Pump House	1974 - 1988	1506094

This data is sourced from Ordnance Survey / Groundsure.





#### 1.2 Historical tanks

Records within 500m 37

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
5	On site	Tanks	1994	232151
Α	On site	Unspecified Tanks	1971	233164
Α	On site	Unspecified Tanks	1971	233165
Α	On site	Tanks	1987 - 1994	243167
В	On site	Tanks	1994	232136
В	On site	Tanks	1994	232150
В	On site	Unspecified Tank	1971	227784
В	On site	Tanks	1971	234292
В	On site	Unspecified Tank	1994	234419
В	On site	Tanks	1994	235203
В	On site	Unspecified Tank	1994	238718
В	On site	Unspecified Tank	1971 - 1987	241240
В	On site	Unspecified Tank	1994	247250
В	On site	Tanks	1987	248678
В	On site	Tanks	1994	249583
В	On site	Tanks	1994	250084
С	On site	Unspecified Tanks	1971	233158
С	On site	Unspecified Tanks	1971	233160
С	On site	Unspecified Tanks	1971	233161
С	On site	Tanks	1987 - 1994	234348
С	On site	Unspecified Tank	1987 - 1994	234852





ID	Location	Land use	Dates present	Group ID
С	On site	Tanks	1987 - 1994	236962
С	On site	Unspecified Tank	1987 - 1994	239220
С	On site	Tanks	1987 - 1994	239856
С	On site	Unspecified Tank	1971	243039
С	On site	Unspecified Tank	1971 - 1994	248446
С	On site	Tanks	1987 - 1994	249684
Е	9m S	Unspecified Tank	1994	227785
Н	54m S	Unspecified Tank	1987 - 1994	241499
I	71m S	Tanks	1987 - 1994	244540
11	118m NW	Tanks	1971	232158
12	132m W	Settling Tanks	1971	229775
K	246m NW	Unspecified Tank	1971	227783
L	261m NW	Unspecified Tank	1971	227782
G	331m W	Unspecified Tank	1971	227777
16	407m W	Unspecified Tank	1971	227776
18	457m NW	Tanks	1971	232157

This data is sourced from Ordnance Survey / Groundsure.

#### 1.3 Historical energy features

Records within 500m 4

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
4	On site	Power Station	1994 - 1995	136930
D	On site	Power Station	1971 - 1987	138048





ID	Location	Land use	Dates present	Group ID
F	133m W	Electricity Substation	1971	130697
17	415m S	Electricity Substation	1971	130703

This data is sourced from Ordnance Survey / Groundsure.

#### 1.4 Historical petrol stations

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

#### 1.5 Historical garages

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

#### 1.6 Historical military land

Records within 500m 0

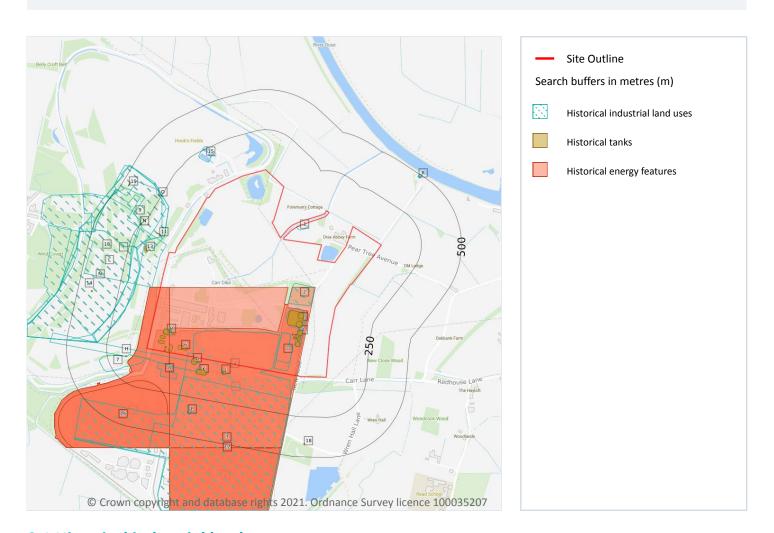
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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





# 2 Past land use - un-grouped



#### 2.1 Historical industrial land uses

Records within 500m 35

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

Features are displayed on the Past land use - un-grouped map on page 18

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Heap	1957	1417205
2	On site	Unspecified Heaps	1974	1439780
3	On site	Power Station	1988	1542669





ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Tanks	1974	1506650
A	On site	Unspecified Tanks	1988	1506650
В	On site	Sewage Works	1974	1541031
В	On site	Unspecified Tank	1974	1493863
В	On site	Sewage Works	1988	1541031
В	On site	Unspecified Tank	1988	1493863
С	On site	Unspecified Tanks	1974	1486565
С	On site	Unspecified Tanks	1988	1486565
D	On site	Unspecified Heap	1974	1557464
D	On site	Unspecified Heap	1988	1557464
G	6m S	Unspecified Tanks	1988	1426299
Н	25m S	Railway Sidings	1974	1486587
I	37m NW	Refuse Heap	1988	1437756
J	53m S	Unspecified Tank	1988	1434870
7	60m S	Refuse Heap	1974	1437753
K	68m S	Unspecified Tanks	1988	1426298
8	73m S	Settling Ponds	1988	1443726
9	88m NW	Unspecified Depot	1974	1428727
L	105m NW	Unspecified Commercial/Industrial	1957	1460251
10	109m NW	Unspecified Commercial/Industrial	1950	1460251
12	129m S	Power Station	1974	1542669
14	146m W	Unspecified Commercial/Industrial	1974	1458315
L	157m NW	Railway Sidings	1974	1458185
15	169m NW	Unspecified Pits	1988	1423343
M	204m W	Railway Sidings	1957	1458168
M	207m W	Railway Sidings	1950	1530171
Ν	244m NW	Unspecified Tank	1974	1434867
0	257m NW	Unspecified Tank	1974	1434865





ID	Location	Land Use	Date	Group ID
Р	326m S	Chimney	1974	1498723
Р	326m S	Chimney	1988	1498723
R	481m NE	Pump House	1974	1506094
R	481m NE	Pump House	1988	1506094

This data is sourced from Ordnance Survey / Groundsure.

#### 2.2 Historical tanks

Records within 500m 56

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

Features are displayed on the Past land use - un-grouped map on page 18

ID	Location	Land Use	Date	Group ID
6	On site	Tanks	1994	232151
Α	On site	Unspecified Tank	1987	248446
Α	On site	Tanks	1987	249684
Α	On site	Unspecified Tank	1987	234852
Α	On site	Tanks	1987	236962
Α	On site	Tanks	1987	239856
Α	On site	Tanks	1987	234348
Α	On site	Unspecified Tank	1987	239220
Α	On site	Unspecified Tank	1994	239220
Α	On site	Tanks	1994	234348
Α	On site	Unspecified Tank	1994	248446
Α	On site	Tanks	1994	249684
Α	On site	Tanks	1994	236962
Α	On site	Tanks	1994	239856
Α	On site	Unspecified Tank	1994	234852
Α	On site	Unspecified Tank	1971	248446





ID	Location	Land Use	Date	Group ID
Α	On site	Unspecified Tank	1971	243039
Α	On site	Unspecified Tanks	1971	233160
Α	On site	Unspecified Tanks	1971	233158
Α	On site	Unspecified Tanks	1971	233161
В	On site	Tanks	1987	248678
В	On site	Unspecified Tank	1987	241240
В	On site	Tanks	1994	232136
В	On site	Tanks	1994	232150
В	On site	Tanks	1994	249583
В	On site	Unspecified Tank	1994	234419
В	On site	Unspecified Tank	1994	238718
В	On site	Unspecified Tank	1994	247250
В	On site	Tanks	1994	250084
В	On site	Tanks	1994	235203
В	On site	Tanks	1994	249583
В	On site	Tanks	1994	249583
В	On site	Tanks	1994	250084
В	On site	Tanks	1994	235203
В	On site	Unspecified Tank	1994	247250
В	On site	Unspecified Tank	1994	238718
В	On site	Unspecified Tank	1994	234419
В	On site	Unspecified Tank	1971	227784
В	On site	Tanks	1971	234292
В	On site	Unspecified Tank	1971	241240
С	On site	Tanks	1987	243167
С	On site	Tanks	1994	243167
С	On site	Unspecified Tanks	1971	233165
С	On site	Unspecified Tanks	1971	233164





ID	Location	Land Use	Date	Group ID
G	9m S	Unspecified Tank	1994	227785
J	54m S	Unspecified Tank	1987	241499
J	54m S	Unspecified Tank	1994	241499
K	71m S	Tanks	1987	244540
K	71m S	Tanks	1994	244540
11	118m NW	Tanks	1971	232158
13	132m W	Settling Tanks	1971	229775
N	246m NW	Unspecified Tank	1971	227783
Ο	261m NW	Unspecified Tank	1971	227782
1	331m W	Unspecified Tank	1971	227777
17	407m W	Unspecified Tank	1971	227776
19	457m NW	Tanks	1971	232157

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

Records within 500m 13

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

Features are displayed on the Past land use - un-grouped map on page 18

ID	Location	Land Use	Date	Group ID
4	On site	Power Station	1994	136930
5	On site	Power Station	1987	138048
E	On site	Power Station	1987	138048
E	On site	Power Station	1971	138048
F	On site	Power Station	1994	136930
F	On site	Power Station	1994	136930
Н	133m W	Electricity Substation	1971	130697
16	202m S	Power Station	1971	138048





ID	Location	Land Use	Date	Group ID
18	415m S	Electricity Substation	1971	130703
Q	458m S	Power Station	1971	138048
Q	460m S	Power Station	1995	136930
Q	461m S	Power Station	1982	138048
Q	461m S	Power Station	1994	136930

This data is sourced from Ordnance Survey / Groundsure.

#### 2.4 Historical petrol stations

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

#### 2.5 Historical garages

Records within 500m 0

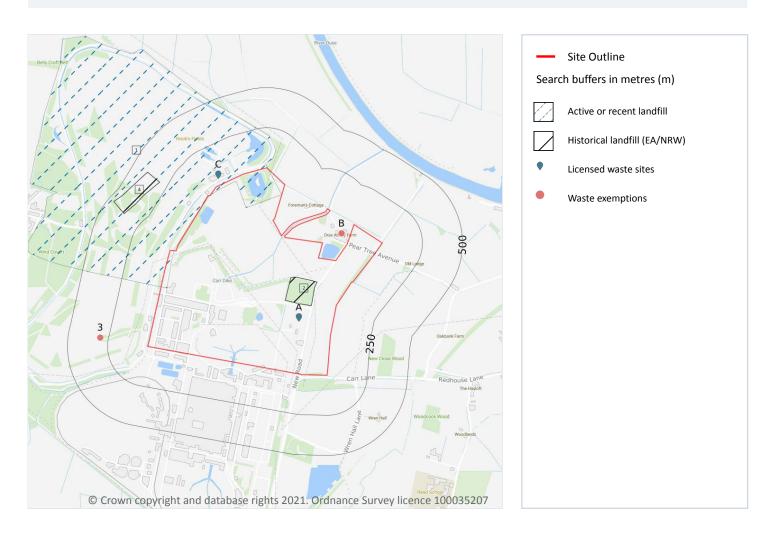
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





## 3 Waste and landfill



#### 3.1 Active or recent landfill

Records within 500m

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 24** 

ID	Location	Details	
1	On site	Operator: Drax Power Limited Site Address: DRX Power Station, North Yorkshire, YO8 8PQ	WML Number: 0 EPR Reference: - Landfill type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Status: Effective IPPC Reference: - EPR Number: -





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

#### 3.2 Historical landfill (BGS records)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

#### 3.3 Historical landfill (LA/mapping records)

Records within 500m 0

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

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

#### 3.4 Historical landfill (EA/NRW records)

Records within 500m 2

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

Features are displayed on the Waste and landfill map on page 24

ID	Location	Details		
2	On site	Site Address: New Road Landfill Site, Drax Power Station, New Road, Drax, North Yorkshire Licence Holder Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire	Waste Licence: Yes Site Reference: CEG001, 0700/NYCC/075 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: YP4/L/CEG001 Licence Issue: 26/10/1978 Licence Surrender: 31/12/1982	Operator: Central Electricity Genarting Board North Eastern Region Licence Holder: Central Electricity Generating Board, North Eastern Region First Recorded 15/08/1978 Last Recorded: 31/12/1982





ID	Location	Details		
4	302m NW	Site Address: Drax Power Station, Near Selby, North Yorkshire Licence Holder Address: Beckwith Knowle, Otley road, Harrogate	Waste Licence: Yes Site Reference: NYCC/087, YP1/L/CEG001 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: YP1/L/CEG001 Licence Issue: 26/10/1978 Licence Surrender: 09/03/1993	Operator: Central Electricity Generating Board Licence Holder: Central Electricity Generating Board First Recorded 26/10/1978 Last Recorded: 25/10/1983

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

#### 3.5 Historical waste sites

Records within 500m 0

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

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

#### 3.6 Licensed waste sites

Records within 500m 6

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

Features are displayed on the Waste and landfill map on page 24

ID	Location	Details		
A	On site	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire Correspondence Address: Beckwith Knowle, Otley Road, Harrogate, North Yorkshire, HG3 1PS	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: - Operator: Cegb (north Eastern Region) Waste Management licence No: 68604 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired





ID	Location	Details		
Α	On site	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire Correspondence Address: Beckwith Knowle, Otley Road, Harrogate, North Yorkshire, HG3 1PS	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: - Operator: Cegb (north Eastern Region) Waste Management licence No: 68604 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
Α	On site	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshir Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/VP3293NH/A001 Operator: C E G B ( North Eastern Region ) Waste Management licence No: 68604 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
A	On site	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshir Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/VP3293NH/A001 Operator: C E G B ( North Eastern Region ) Waste Management licence No: 68604 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired





ID	Location	Details		
C	63m NW	Site Name: Lightwight Aggregate Manufacturing Plant Site Address: Drax Power Station, Selby, North Yorks, YO8 8PN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LYT001 EPR reference: EA/EPR/EB3734AX/A001 Operator: Lytag Ltd Waste Management licence No: 103839 Annual Tonnage: 220000	Issue Date: 30/07/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	63m NW	Site Name: Lightweight Aggregate Manufacturing Plant Site Address: Drax Power Station, Selby, North Yorkshire, YO8 8PN Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AIU002 EPR reference: EA/EPR/EB3602HM/T001 Operator: Aggregate Industries U K Limited Waste Management licence No: 103839 Annual Tonnage: 220000	Issue Date: 30/07/2012 Effective Date: 10/01/2017 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

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

# 3.7 Waste exemptions

Records within 500m

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

Features are displayed on the Waste and landfill map on page 24

ID	Location	Site	Reference	Category	Sub-Category	Description
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Agricultural Waste Only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Agricultural Waste Only	Treatment of sheep dip for disposal





ID	Location	Site	Reference	Category	Sub-Category	Description
טו				Category		·
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Deposit of waste from dredging of inland waters
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Disposal by incineration
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Disposing of waste exemption	Both agricultural and non- agricultural waste	Burning waste in the open
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Cleaning, washing, spraying or coating relevant waste
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Aerobic composting and associated prior treatment
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Treating waste exemption	Both agricultural and non- agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading waste on agricultural land to confer benefit





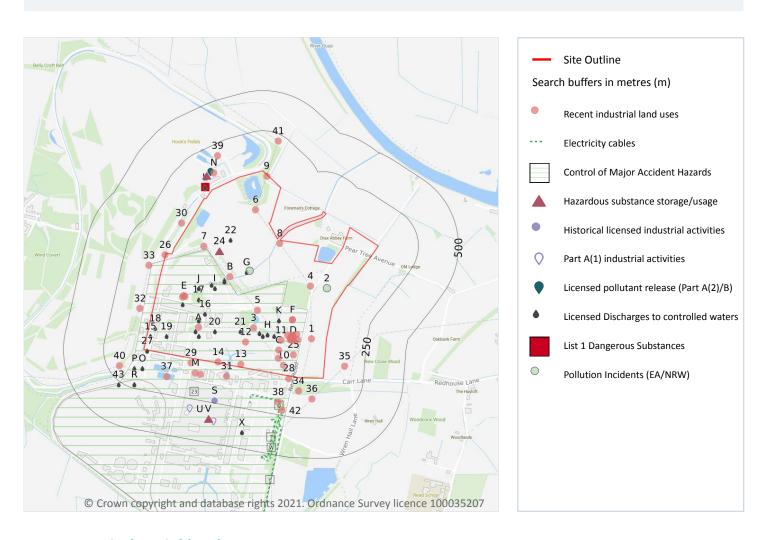
ID	Location	Site	Reference	Category	Sub-Category	Description
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of mulch
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Spreading of plant matter to confer benefit
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Incorporation of ash into soil
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of baled end-of-life tyres in construction
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Burning of waste as a fuel in a small appliance
В	56m W	Drax Abbey Farm SELBY North Yorkshire YO8 8NH	EPR/FH0171F G/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste for a specified purpose
3	302m W	Hall Garth Farm, Main Street, Birkin, Knottingley, WF11 9LP	WEX102572	Storing waste exemption	On a farm	Storage of sludge

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





# 4 Current industrial land use



#### 4.1 Recent industrial land uses

Records within 250m 57

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 31

ID	Location	Company	Address	Activity	Category
1	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
3	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
4	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities





Decetion   Company   Address   Activity   Category	ID	Location	Company	Addross	Activity	Catagany
6 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 7 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 8 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 9 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 10 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 11 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 12 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features 13 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features 14 On site Cooling Tower North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 25 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 8 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 15 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 16 On site Sludge North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 17 On site Sludge North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 18 On site Sludge North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 19 On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features 10 On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	ID	Location	Company	Address	Activity	Category
Facilities 7 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 8 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 9 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 10 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 11 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Porocessing and Disposal Facilities 12 On site Cooling North Yorkshire, YO8 Chimneys Industrial Features 13 On site Cooling North Yorkshire, YO8 Chimneys Industrial Features 14 On site Cooling North Yorkshire, YO8 Electrical Features 15 On site Pylon North Yorkshire, YO8 Electrical Features 16 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 17 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 18 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 19 On site Sludge North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 20 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 21 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Infrastructure and Facilities 22 On site Slurry Bed North Yorkshire, YO8 Tanks (Generic) Industrial Features 23 Den site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	5	On site	Pylon	North Yorkshire, YO8	Electrical Features	
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9 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 10 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 11 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 12 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features 13 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features 14 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features 15 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 16 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 17 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 18 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 18 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities 19 On site Sludge North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 20 On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities 21 On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features 22 On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	7	On site	Pylon	North Yorkshire, YO8	Electrical Features	
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Processing and Disposal Facilities  12 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features  13 On site Cooling Tower Cooling Tower Cooling Tower Chimneys Industrial Features  14 On site Cooling Tower Cooling Tower Cooling Tower Chimneys Industrial Features  25 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  A On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  B On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  C On site Sludge Lagoons North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  C On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	10	On site	Pylon	North Yorkshire, YO8	Electrical Features	
Tower Tower Features  13 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features  14 On site Cooling Tower North Yorkshire, YO8 Chimneys Industrial Features  25 On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  A On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  B On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  C On site Sludge North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  C On site Slury Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Infrastructure and Facilities  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	11	On site	Slurry Bed	North Yorkshire, YO8	_	
Tower  Tower  Tower  Cooling Tower  North Yorkshire, YO8  Electrical Features  Infrastructure and Facilities  A On site Pylon North Yorkshire, YO8  Belectrical Features  Infrastructure and Facilities  A On site Pylon North Yorkshire, YO8  Belectrical Features  Infrastructure and Facilities  Con site Sludge North Yorkshire, YO8  Con site Sludge North Yorkshire, YO8  Con site Slurry Bed North Yorkshire, YO8  Don site Tank North Yorkshire, YO8  Tanks (Generic)  Industrial Features  Industrial Features  Infrastructure and Facilities  Tanks (Generic)  Industrial Features  Industrial Features  Industrial Features  Infrastructure and Facilities  Tanks (Generic)  Industrial Features	12	On site	Ū	North Yorkshire, YO8	Chimneys	
Tower  To	13	On site	_	North Yorkshire, YO8	Chimneys	
A On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  B On site Pylon North Yorkshire, YO8 Electrical Features Infrastructure and Facilities  C On site Sludge Lagoons North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  C On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	14	On site	_	North Yorkshire, YO8	Chimneys	
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C On site Sludge Lagoons North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  C On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features	Α	On site	Pylon	North Yorkshire, YO8	Electrical Features	
Lagoons Processing and Disposal Facilities  C On site Slurry Bed North Yorkshire, YO8 Waste Storage, Processing and Disposal Facilities  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial	В	On site	Pylon	North Yorkshire, YO8	Electrical Features	
D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  Tanks (Generic) Industrial	С	On site	_	North Yorkshire, YO8	_	
D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial Features  D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial	С	On site	Slurry Bed	North Yorkshire, YO8	_	
D On site Tank North Yorkshire, YO8 Tanks (Generic) Industrial	D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	
	D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	
	D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	





26	3m W	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
F	On site	Tanks	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
F	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
E	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
E	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
E	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tanks	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
D	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
ID	Location	Company	Address	Activity	Category





ID	Location	Company	Address	Activity	Category
28	15m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
29	29m S	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
30	43m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
31	72m S	Tavelling Crane	North Yorkshire, YO8	Travelling Cranes and Gantries	Industrial Features
32	79m W	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
33	84m W	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
34	84m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
M	87m S	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
M	88m S	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
Ν	92m NW	Chimney	North Yorkshire, YO8	Chimneys	Industrial Features
35	127m E	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
36	131m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
37	140m S	Settling Pond	North Yorkshire, YO8	Settling, Balancing and Silt Ponds	Bodies of Water
38	173m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
39	178m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
40	182m SW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
41	208m NE	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
42	220m S	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.





### 4.2 Current or recent petrol stations

Records within 500m 0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

### **4.3 Electricity cables**

Records within 500m 10

High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on page 31

ID	Location	Cable Set	Cable Route	Details	
Q	155m S	SGT4 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
Q	161m S	SGT3 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
Q	234m S	DRAX - 4VJ001 CABLE SECT 02	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
Q	246m S	DRAX - 4VJ001 CABLE SECT 02	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
Т	279m S	THORPE MARSH 400KV CABLE	DRAX 400KV S/S	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
Т	279m S	THORPE MARSH 400KV CABLE	DRAX 400KV S/S	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
W	386m S	DRAX - 4VJ001 CABLE SECT 01	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
W	399m S	DRAX - 4VJ001 CABLE SECT 01	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
Υ	496m S	SGT3 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified





ID	Location	Cable Set	Cable Route	Details	
Υ	496m S	SGT4 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified

This data is sourced from National Grid.

#### 4.4 Gas pipelines

Records within 500m 0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

#### 4.5 Sites determined as Contaminated Land

Records within 500m 0

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

This data is sourced from Local Authority records.

## 4.6 Control of Major Accident Hazards (COMAH)

Records within 500m 1

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on page 31

ID	Location	Company	Address	Operational status	Tier
23	On site	Drax Power Limited	Drax Power Limited, Drax Power Station/Drax Power Limited, Drax Power Station, PO Box 3, Selby, North Yorkshire, YO8 8PQ		COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.





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### 4.7 Regulated explosive sites

Records within 500m 0

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

This data is sourced from the Health and Safety Executive.

## 4.8 Hazardous substance storage/usage

Records within 500m

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

Features are displayed on the Current industrial land use map on page 31

ID	Location	Details	
24	On site	Application reference number: 2013/1186/HAZ Application status: Approved Application date: 02/12/2013 Address: Capture Power Ltd, Drax Power Station, Selby, North Yorkshire, England, YO10 8PH	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage and use of substances at the White Rose Carbon Capture Project Enforcement: No Details Date of enforcement: No Details Comment: No Details
N	92m NW	Application reference number: NY/2013/0122/HSC Application status: Approved Application date: 02/05/2013 Address: Lytag Ltd, Drax Power Station, Selby, North Yorkshire, England, YO8 8PH	Details: Proposed storage of Liquid Natural Gas (Consultation from North Yorkshire County Council) Enforcement: Data requested, not received.  Date of enforcement: Data requested, not received.  Comment: Data requested, not received.
V	354m S	Application reference number: 2012/0543/HAZ Application status: Approved Application date: 25/05/2012 Address: Drax Power Station, Selby, North Yorkshire, England, YO8 8PH	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage and use of substances at Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
V	354m S	Application reference number: 2012/0543/HAZ Application status: Historical Consent Application date: 25/05/2012 Address: Drax Power Station, New Road Drax, Selby, North Yorkshire, YO8 8PH	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage and use of substances at Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified





ID	Location	Details	
V	354m S	Application reference number: 2011/1039/HAZ Application status: Withdrawn Application date: 13/10/2011 Address: Drax Power Station, New Road Drax, Selby, North Yorkshire, YO8 8PQ	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage of substances (following reclassification) already in use on the site Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

## 4.9 Historical licensed industrial activities (IPC)

Records within 500m 34

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on page 31

ID	Location	Details	
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AA2488	Original Permit Number: IPCAIRAPP Date Approved: 8-4-1993 Effective Date: 8-4-1993 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AJ7021	Original Permit Number: IPCMINVAR Date Approved: 20-8-1993 Effective Date: 20-8-1993 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AQ8832	Original Permit Number: IPCMINVAR Date Approved: 28-3-1995 Effective Date: 28-3-1995 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AS8783	Original Permit Number: IPCMINVAR Date Approved: 18-8-1995 Effective Date: 18-8-1995 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AT0915	Original Permit Number: IPCMINVAR Date Approved: 8-3-1996 Effective Date: 25-3-1996 Status: Superseded By Variation





ID	Location	Details	
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AW0555	Original Permit Number: IPCMINVAR Date Approved: 27-6-1996 Effective Date: 27-6-1996 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AW9722	Original Permit Number: IPCMAJVAR Date Approved: 6-2-1997 Effective Date: 15-2-1997 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AZ2830	Original Permit Number: IPCMINVAR Date Approved: 28-7-1997 Effective Date: 28-7-1997 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AZ9885	Original Permit Number: IPCMINVAR Date Approved: 22-12-1997 Effective Date: 1-1-1998 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BA9002	Original Permit Number: IPCMAJVAR Date Approved: 25-6-1998 Effective Date: 29-6-1998 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BA9959	Original Permit Number: IPCMINVAR Date Approved: 19-10-1998 Effective Date: 2-11-1998 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BC1568	Original Permit Number: IPCMINVAR Date Approved: 10-3-1999 Effective Date: 11-3-1999 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BE4100	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BF7686	Original Permit Number: IPCMINVAR Date Approved: 31-3-1999 Effective Date: 9-4-1999 Status: Superseded By Variation





ID	Location	Details	
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BG3295	Original Permit Number: IPCMINVAR Date Approved: 28-6-1999 Effective Date: 1-7-1999 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BG9951	Original Permit Number: IPCMINVAR Date Approved: 26-1-2000 Effective Date: 1-2-2000 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BH4661	Original Permit Number: IPCMINVAR Date Approved: 29-11-1999 Effective Date: 29-11-1999 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BI4047	Original Permit Number: IPCMINVAR Date Approved: 5-5-2000 Effective Date: 9-5-2000 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BJ0510	Original Permit Number: IPCMAJVAR Date Approved: 8-6-2001 Effective Date: 14-6-2001 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BR6252	Original Permit Number: IPCMINVAR Date Approved: 8-3-2002 Effective Date: 15-3-2002 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BR7178	Original Permit Number: IPCMINVAR Date Approved: 17-6-2004 Effective Date: 28-6-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BU4449	Original Permit Number: IPCMINVAR Date Approved: 6-5-2003 Effective Date: 6-5-2003 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BV5475	Original Permit Number: IPCMINVAR Date Approved: 21-1-2004 Effective Date: 30-1-2004 Status: Superseded By Variation





ID	Location	Details	
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BX4097	Original Permit Number: IPCMINVAR Date Approved: 13-2-2004 Effective Date: 20-2-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BX4542	Original Permit Number: IPCMINVAR Date Approved: 25-2-2004 Effective Date: 1-3-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY0151	Original Permit Number: IPCMINVAR Date Approved: 10-6-2004 Effective Date: 10-6-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY0780	Original Permit Number: IPCMINVAR Date Approved: 1-7-2004 Effective Date: 2-7-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY6605	Original Permit Number: IPCMINVAR Date Approved: 26-11-2004 Effective Date: 27-11-2004 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY8853	Original Permit Number: IPCMINVAR Date Approved: 20-4-2005 Effective Date: 2-5-2005 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BZ1471	Original Permit Number: IPCMINVAR Date Approved: 11-5-2005 Effective Date: 16-5-2005 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BZ8999	Original Permit Number: IPCMINVAR Date Approved: 6-6-2006 Effective Date: 6-6-2006 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CA9368	Original Permit Number: IPCMINVAR Date Approved: 31-10-2006 Effective Date: 31-12-2006 Status: Superseded By Variation





ID	Location	Details	
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CB3870	Original Permit Number: IPCMINVAR Date Approved: 6-7-2007 Effective Date: 6-7-2007 Status: Superseded By Variation
S	235m S	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CB5104	Original Permit Number: IPCMINVAR Date Approved: 11-7-2007 Effective Date: 11-7-2007 Status: Revoked - Now Ippc

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

## 4.10 Licensed industrial activities (Part A(1))

Records within 500m 70

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on page 31

ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION





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ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED



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ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED



08444 159 000



ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION





ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
U	311m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





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ID	Location	Details		
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	





ID	Location	Details		
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	





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ID	Location	Details	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details		
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED	



08444 159 000



ID	Location	Details	
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
V	364m S	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED

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

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

Records within 500m

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

Features are displayed on the Current industrial land use map on page 31

ID	Location	Address	Details	
N	104m NW	PML Ash Drax Plant, Drax Power LTD., PO Box 3, Selby YO8 8PQ	Process: Quarry Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.





#### **4.12** Radioactive Substance Authorisations

Records within 500m 0

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

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

## **4.13** Licensed Discharges to controlled waters

Records within 500m 41

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

Features are displayed on the Current industrial land use map on page 31

ID	Location	Address	Details	
15	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 2809 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: -
16	On site	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
17	On site	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
18	On site	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
19	On site	DRAX POWER STATION, DRAX, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CON1958 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: -





ID	Location	Address	Details	
20	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
21	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
22	On site	BARLOW ASH DISPOSAL SITE, BARLOW ASH MOUND - WORKING AREA, DRAX POWER STATION, DRAX, SELBY, NORTH YORKSHIRE, YO8 8PQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - WATER COMPANY (WTW) Permit Number: QR.27/24/0035 Permit Version: 1 Receiving Water: ABBEY DYKE TO CARR DYKE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/06/1996 Effective Date: 05/06/1996 Revocation Date: 17/07/1998
A	On site	READY MIXED CONCRETE DEPOT, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 2452 Permit Version: 1 Receiving Water: TRIB RIVER OUSE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 06/12/1968 Effective Date: 06/12/1968 Revocation Date: 22/01/1993
A	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
A	On site	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
Α	On site	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996





15	1	Ald	D.1.2	
ID	Location	Address	Details	
Α	On site	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
В	On site	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
В	On site	NATIONAL POWER PLC, DRAX POWER STATION, FGD PLANT COMMON PLANT AREA, SELBY, NORTH YORKSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: WA6464 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 29/08/1991 Effective Date: 29/08/1991 Revocation Date: 10/08/1993
E	On site	DRAX POWER STATION SEWAGE WORKS, DRAX, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5223 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 11/04/1994
G	On site	TOILET ACCOMMODATION, PURGE PUMP HOUSE SUB-STATION, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 2511 Permit Version: 1 Receiving Water: RIVER OUSE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 16/05/1969 Effective Date: 16/05/1969 Revocation Date: 20/02/1996
Н	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
Н	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
Н	On site	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994





H On site DRAX POWER STATION, (COMPLETION SITE), DRAX Permit Number: C5222 Effective Date: 22/08/1988 Effective Date: 07/08  H On site NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)  Effluent Type: TRADE DISCHARGES Issue date: 22/08/1988 Effective Date: 22/08/1988 Effective Date: 07/08 Revocation Date: 07/08 Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY (HISTORIC ONLY) Issue date: 01/01/1988	3
(COMPLETION SITE), DRAX  - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C  H On site  NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)  - SITE DRAINAGE Permit Number: C5222 Effective Date: 22/08/2 Revocation Date: 07/06 Revocation Date: 07	3
STATION -, LAND DRAIN-OUTLET C PROCESS EFFLUENT - NOT WATER WHERE ISSUE DATE > 3 (CLOSED OFF, 1986) COMPANY (HISTORIC ONLY)	4/1994
Permit Version: 1 Effective Date: 01/01/1902  Receiving Water: CARR DYKE Revocation Date: -	2 2
I On site DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX - SITE DRAINAGE Issue date: 01/06/1988 Permit Number: C5239 Effective Date: 01/06/2 Permit Version: 1 Revocation Date: 20/08 PYKE	3 1988
I On site DRAX POWER STATION, SELBY, YORK Permit Number: QR.27/24/0012 S88 & SCHED 10 AS AN Permit Version: 1 ENV ACT 1995) Receiving Water: CARR DYKE Effective Date: 20/02/1995 Revocation Date: 11/06	MENDED BY  5 1995
J On site DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX  DESULPHURISATION AREA, DRAX  - SITE DRAINAGE Issue date: 01/06/1988 Permit Number: C5239 Effective Date: 01/06/2 Permit Version: 1 Revocation Date: 20/08 Receiving Water: TRIB OF CARR DYKE	3 1988
J On site DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX Permit Number: C5239 Effective Date: 01/06/1988 Permit Version: 1 Revocation Date: 20/05 Receiving Water: TRIB OF CARR DYKE	3 1988
K On site DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX Permit Number: C5239 Effective Date: 01/06/1988 Permit Version: 1 Revocation Date: 20/05 Receiving Water: TRIB OF CARR DYKE	3 1988





ID	Location	Address	Details	
К	On site	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
27	5m S	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 1958 Permit Version: 1 Receiving Water: CARR DYKE/LENDALL DR/OUSE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: 18/11/1991
L	45m NW	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 4109 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 10/01/1986 Effective Date: 10/01/1986 Revocation Date: 11/12/1989
L	45m NW	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: 4109 Permit Version: 2 Receiving Water: CARR DYKE	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 12/12/1989 Effective Date: 12/12/1989 Revocation Date: 05/06/1996
0	119m S	NATIONAL POWER-DRAX POWER STATION -, OUTLET A- STORM OVERFLOW FROM CO, AL STORE DRAINS BARLOW ASH DISPO, SAL AREA AND ECL GLASSHOUSE DRAI, N	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: QR.27/24/0036 Permit Version: 1 Receiving Water: CARR DYKE - LENDALL DRAIN	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/06/1996 Effective Date: 05/06/1999 Revocation Date: 11/06/1999
0	119m S	NATIONAL POWER-DRAX POWER STATION -, OUTLET A- STORM OVERFLOW FROM CO, AL STORE DRAINS BARLOW ASH DISPO, SAL AREA AND ECL GLASSHOUSE DRAI, N	Effluent Type: TRADE DISCHARGES - Status: REVOKED (WRA 9 SCHED 10 AS AMENDED 8 Permit Number: QR.27/24/0036 ACT 1995) Permit Version: 1 Issue date: 05/06/1996 I, Receiving Water: CARR DYKE - Effective Date: 05/06/1996 LENDALL DRAIN Revocation Date: 11/06/2	
Р	132m SW	NATIONAL POWER DRAX POWER STATION -, OUTLET D- GENERAL SITE DRAINAGE	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Issue date: 22/06/1983 Permit Number: 3706 Effective Date: 22/06/1985 Permit Version: 1 Receiving Water: CARR DYKE	
Р	132m SW	NATIONAL POWER DRAX POWER STATION -, OUTLET D- GENERAL SITE DRAINAGE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: 3706 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996





ID	Location	Address	Details	
R	227m S	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
R	227m S	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
R	227m S	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 2809 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: -
43	270m SW	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	7.1	
X	401m S	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WRA8370 Permit Version: 1 Receiving Water: LAND Effluent Type: SEWAGE Status: NEW CONSENT (WRA S88 & SCHED 10 AS AMENDE ENV ACT 1995) Issue date: 27/09/2004 Effective Date: 27/09/2004 Revocation Date: 20/12/2012	
X	401m S	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WRA8370 Permit Version: 2 Receiving Water: LAND  Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -	

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

## 4.14 Pollutant release to surface waters (Red List)

Records within 500m

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

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



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### 4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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

#### **4.16 List 1 Dangerous Substances**

Records within 500m

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

Features are displayed on the Current industrial land use map on page 31

ID	Location	Name	Status	Receiving Water	Authorised Substances
L	46m NW	National Power -drax Power Stn Ash Mound	Not Active	Humber, Green Dyke, Ouse	Cadmium

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

#### **4.17 List 2 Dangerous Substances**

Records within 500m 0

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

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

### 4.18 Pollution Incidents (EA/NRW)

Records within 500m 2

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

Features are displayed on the Current industrial land use map on page 31

ID	Location	Details	
2	On site	Incident Date: 27/08/2001 Incident Identification: 27049 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)



(60)



ID	Location	Details	
G	On site	Incident Date: 02/05/2003 Incident Identification: 155613 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

### 4.19 Pollution inventory substances

Records within 500m 0

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

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

#### 4.20 Pollution inventory waste transfers

Records within 500m 0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

#### 4.21 Pollution inventory radioactive waste

Records within 500m

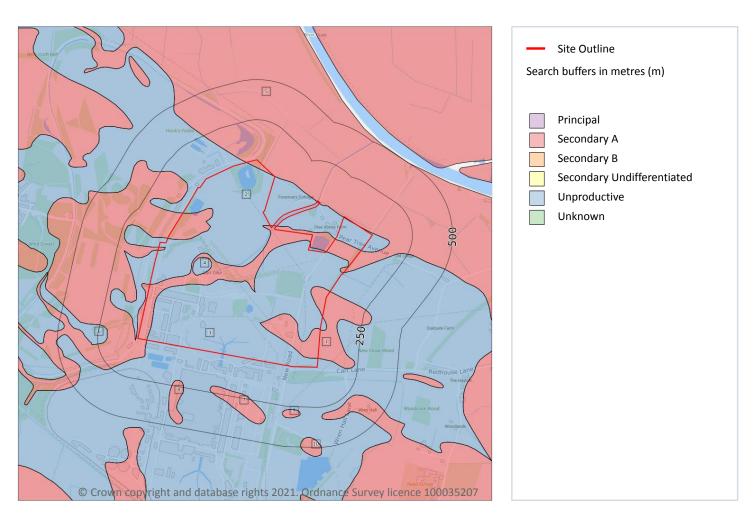
The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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





# 5 Hydrogeology - Superficial aquifer



# **5.1 Superficial aquifer**

Records within 500m 10

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 62

I	D	Location	Designation	Description
1	L	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow



uestions at: Date: 25 August 2021



ID	Location	Designation	Description	
3	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow	
4	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow	
5	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers	
6	190m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow	
7	206m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers	
8	212m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers	
9	267m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers	
10	439m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers	

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





# **Bedrock aquifer**



# **5.2** Bedrock aquifer

Records within 500m 1

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 64

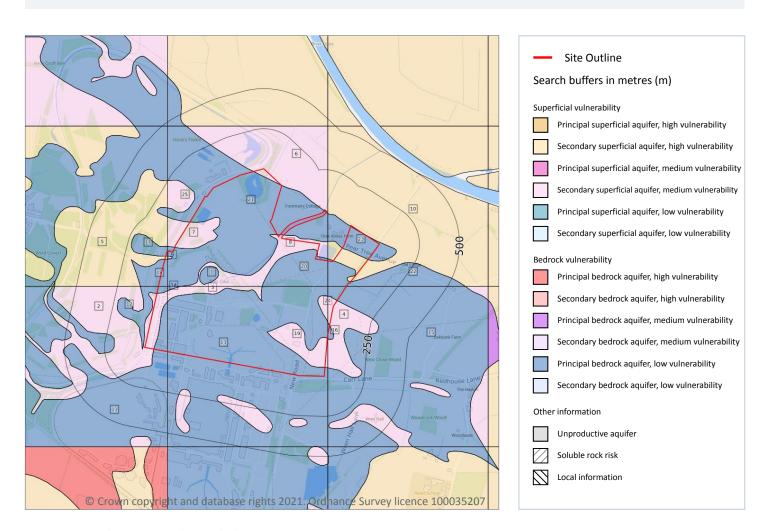
ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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





# **Groundwater vulnerability**



## 5.3 Groundwater vulnerability

Records within 50m 25

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

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

Features are displayed on the Groundwater vulnerability map on page 65

08444 159 000



Contact us with any questions at: Date: 25 August 2021 info@groundsure.com



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
7	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed





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ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
9	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
10	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
11	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
12	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
13	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
14	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
15	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
16	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
17	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
18	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
19	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
20	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed



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ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
21	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
22	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
23	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
24	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
25	46m NW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

## 5.4 Groundwater vulnerability- soluble rock risk

Records on site 0

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

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





## 5.5 Groundwater vulnerability- local information

Records on site 0

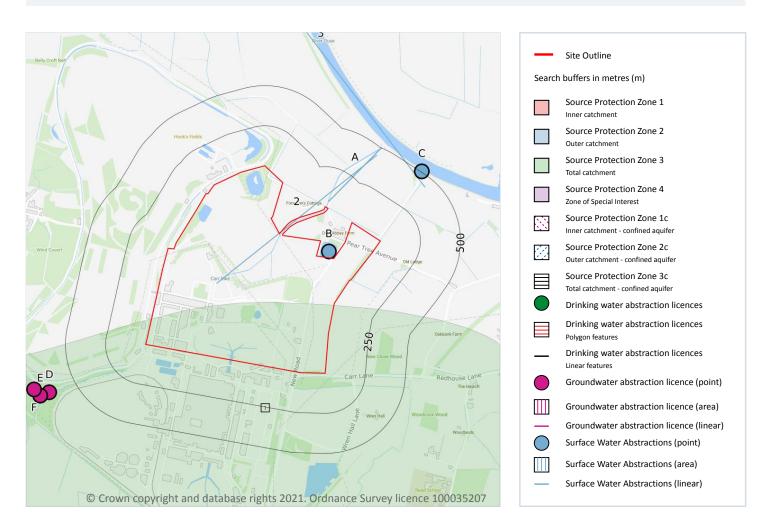
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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

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





## **Abstractions and Source Protection Zones**



### 5.6 Groundwater abstractions

Records within 2000m 25

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

Features are displayed on the Abstractions and Source Protection Zones map on page 71





ID	Location	Details	
В	40m N	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: DRAX ABBEY FISH POND - SUPERFICIAL DRIFT - SELBY Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -
D	670m SW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
D	670m SW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
E	731m SW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 Data Type: Point Name: AES DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -





ID	Location	Details	
Е	731m SW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): 2300000 Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
Ε	731m SW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
Е	731m SW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
F	749m W	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -





ID	Location	Details	
F	749m W	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
-	822m SW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 Data Type: Point Name: AES DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
-	822m SW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): 2300000 Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
-	822m SW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -





ID	Location	Details	
-	822m SW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
-	1061m S	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465750 Northing: 426560	Annual Volume (m³): 68,190 Max Daily Volume (m³): 303 Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -
-	1111m S	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465800 Northing: 426500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -
-	1382m S	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465770 Northing: 426230	Annual Volume (m³): 68,190 Max Daily Volume (m³): 303 Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -





ID	Location	Details	
-	1392m S	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: SELBY SALADS LTD Easting: 465770 Northing: 426220	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 101 Version Start Date: 01/11/2001 Version End Date: -
-	1424m S	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465700 Northing: 426200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -
-	1594m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
-	1594m W	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m³): 70,000 Max Daily Volume (m³): 1,342 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 19/09/2019 Version End Date: -
-	1599m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -





ID	Location	Details	
-	1599m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
-	1761m NW	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BARLOW HALL BOREHOLE - SHERWOOD SANDSTONE Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65000  Max Daily Volume (m³): 2000  Original Application No: -  Original Start Date: 14/08/2009  Expiry Date: 31/03/2015  Issue No: 2  Version Start Date: 22/10/2012  Version End Date: -
-	1761m NW	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 32500  Max Daily Volume (m³): 2000  Original Application No: -  Original Start Date: 14/08/2009  Expiry Date: 31/03/2015  Issue No: 3  Version Start Date: 17/07/2014  Version End Date: -
-	1761m NW	Status: Active Licence No: NE/027/0024/055 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65,000 Max Daily Volume (m³): 3,700 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -

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





### **5.7 Surface water abstractions**

Records within 2000m 14

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

Features are displayed on the Abstractions and Source Protection Zones map on page 71

ID	Location	Details	
2	On site	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: CARR DYKE/LENDALL DRAIN Data Type: Line Name: WATSON Easting: 466300 Northing: 428000	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
A	37m NE	Status: Historical Licence No: NE/027/0024/050 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 10/07/2013 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 10/07/2013 Version End Date: -
A	37m NE	Status: Active Licence No: NE/027/0024/050/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45,000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
В	40m N	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: DRAX ABBEY FISH POND Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): 10000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -





ID	Location	Details	
3	436m NE	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 466300 Northing: 430300	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
С	506m NE	Status: Historical Licence No: 2/27/24/155 Details: Process water Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: AES DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 101 Version Start Date: 01/12/1999 Version End Date: -
С	506m NE	Status: Historical Licence No: 2/27/24/155 Details: Boiler Feed Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
C	506m NE	Status: Historical Licence No: 2/27/24/155 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
-	1002m NE	Status: Historical Licence No: 2/27/28/275 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 18/02/2011 Version End Date: -





ID	Location	Details	
-	1002m NE	Status: Active Licence No: NE/027/0028/048 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 40,000 Max Daily Volume (m³): 1,440 Original Application No: - Original Start Date: 02/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/04/2013 Version End Date: -
-	1421m SE	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 468520 Northing: 427500	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
-	1787m NE	Status: Historical Licence No: 2/27/28/184 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468950 Northing: 429000	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 27/03/1997 Expiry Date: 30/09/2006 Issue No: 100 Version Start Date: 27/03/1997 Version End Date: -
-	1787m NE	Status: Historical Licence No: 2/27/28/275 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468950 Northing: 429000	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 18/02/2011 Version End Date: -
-	1790m NE	Status: Active Licence No: NE/027/0028/048 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT- BARMBY ON THE MOOR Data Type: Point Name: R H FALKINGHAM & SON Easting: 468949 Northing: 429009	Annual Volume (m³): 40,000 Max Daily Volume (m³): 1,440 Original Application No: - Original Start Date: 02/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/04/2013 Version End Date: -





#### 5.8 Potable abstractions

Records within 2000m 0

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

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

#### **5.9 Source Protection Zones**

Records within 500m 1

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on page 71

ID	Location	Туре	Description
1	On site	3	Total catchment

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

## **5.10 Source Protection Zones (confined aquifer)**

Records within 500m

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

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

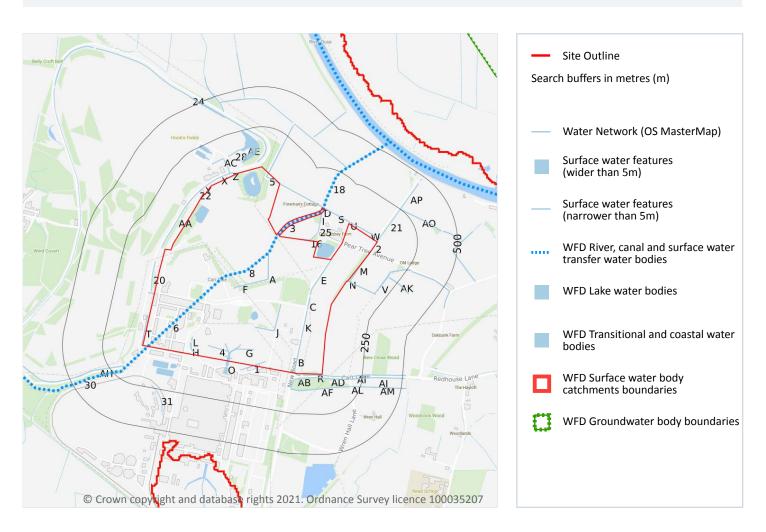


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# **6 Hydrology**



# **6.1 Water Network (OS MasterMap)**

Records within 250m 80

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

Features are displayed on the Hydrology map on page 82

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





ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dike
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dike
8	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dike
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





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





ID	Location	Type of water feature	Ground level	Permanence	Name
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
0	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	1m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	4m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	4m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Lendall Drain
D	4m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	5m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	5m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Т	6m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	10m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
U	10m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	11m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	15m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
W	16m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	18m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Υ	19m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Υ	19m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
20	20m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Х	20m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	20m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	21m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	23m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
21	23m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	25m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
22	31m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	32m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
АВ	32m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	33m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
24	37m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	43m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	44m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	52m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AD	53m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
25	61m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	62m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	90m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	101m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
28	120m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	124m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
AE	134m N	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	146m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
АН	171m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Al	172m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	181m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AK	188m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AL	190m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AL	195m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AL	197m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AM	202m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
30	213m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dyke
31	234m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AO	249m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
AP	249m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

### 6.2 Surface water features

Records within 250m 35

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

Features are displayed on the Hydrology map on page 82

This data is sourced from the Ordnance Survey.

### **6.3 WFD Surface water body catchments**

Records on site 1

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

Features are displayed on the Hydrology map on page 82

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
P	On site	River WB catchment	Ouse from R Wharfe to Upper Humber	GB104027064270	Lower Ouse Yorkshire	Wharfe and Lower Ouse

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

#### 6.4 WFD Surface water bodies

Records identified 1

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



(89)



water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed. Features are displayed on the Hydrology map on page 82

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
7	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Moderate	Fail	Moderate	2016

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

#### 6.5 WFD Groundwater bodies

Records on site 1

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

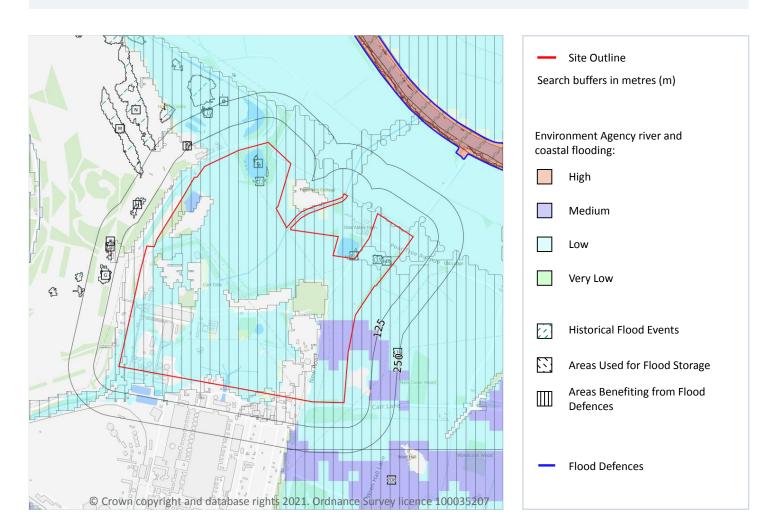
Features are displayed on the Hydrology map on page 82

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
Α	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400	Poor	Poor	Poor	2015





# 7 River and coastal flooding



## 7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m 150

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on page 91

Distance	RoFRaS flood risk
On site	Medium
0 - 50m	Medium

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Contact us with any questions at: Date: 25 August 2021



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

#### 7.2 Historical Flood Events

Records within 250m 24

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

Features are displayed on the River and coastal flooding map on page 91

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
Α	On site	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
Α	On site	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
113	On site	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
114	On site	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
115	On site	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
116	On site	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data
F	116m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
F	116m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
G	136m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
G	136m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
Н	147m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
Н	147m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
I	151m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data





ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
1	151m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
K	173m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
K	173m W	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
L	208m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
L	208m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
M	227m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
M	227m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
N	236m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
N	236m NW	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
0	247m N	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data
0	247m N	Yorkshire	2015-12-29 2015-12-29	Unclassified	Unclassified	No data

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

#### 7.3 Flood Defences

Records within 250m 0

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

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





### 7.4 Areas Benefiting from Flood Defences

Records within 250m 2

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

Features are displayed on the River and coastal flooding map on page 91

ID	Location	
117	On site	Area benefiting from flood defences
		•

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

### 7.5 Flood Storage Areas

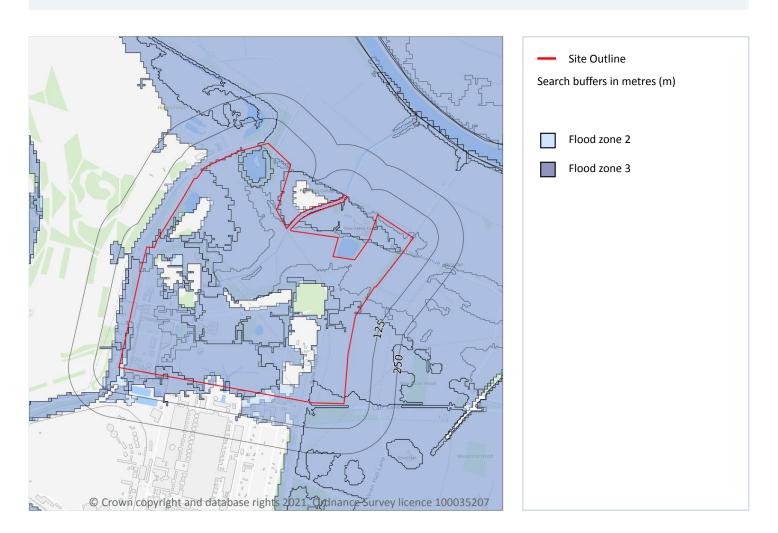
Records within 250m 0

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





# **River and coastal flooding - Flood Zones**



### 7.6 Flood Zone 2

Records within 50m 1

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

Features are displayed on the River and coastal flooding map on page 91

Location	Туре
On site	Zone 2 - (Fluvial /Tidal Models)





1

### 7.7 Flood Zone 3

Records within 50m

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

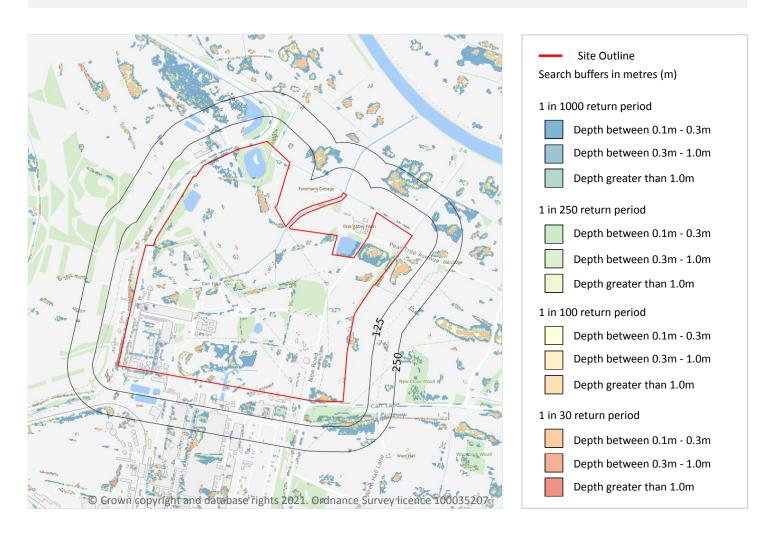
Features are displayed on the River and coastal flooding map on page 91

Location	Туре	
On site	Zone 3 - (Fluvial Models)	





# 8 Surface water flooding



### 8.1 Surface water flooding

Highest risk on site 1 in 30 year, Greater than 1.0m

# Highest risk within 50m 1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on page 97

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





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

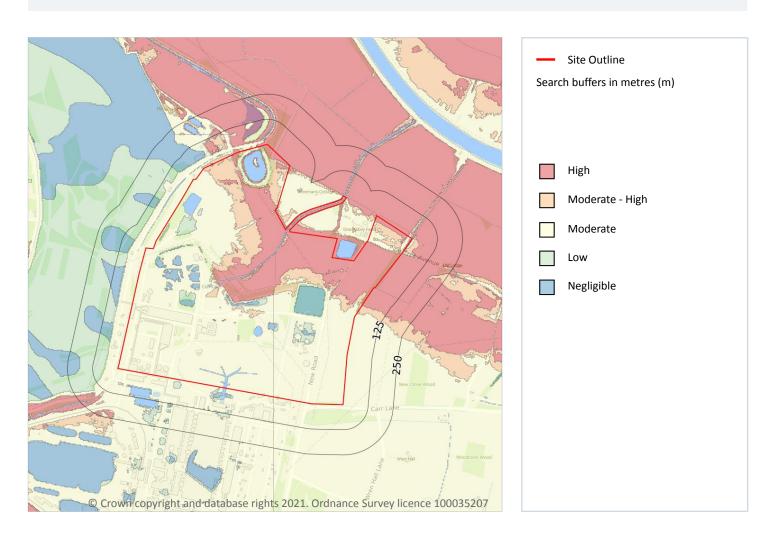
Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.





# 9 Groundwater flooding



## 9.1 Groundwater flooding

Hig	ghest risk on site	High
Hig	ghest risk within 50m	High

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

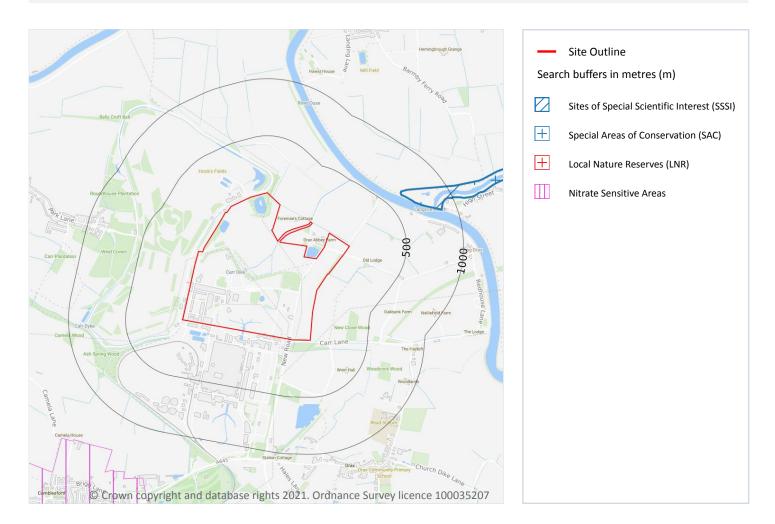
Features are displayed on the Groundwater flooding map on page 99

This data is sourced from Ambiental Risk Analytics.





# 10 Environmental designations



## 10.1 Sites of Special Scientific Interest (SSSI)

#### Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 100

ID	Location	Name	Data source
Α	640m NE	River Derwent	Natural England







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

### 10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m 0

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

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

### 10.3 Special Areas of Conservation (SAC)

Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 100

ID	Location	Name	Features of interest	Habitat description	Data source
А	640m NE	River Derwe nt	Rivers with floating vegetation often dominated by water-crowfoot; Sea lamprey; Brook lamprey; River lamprey; Atlantic salmon; Bullhead; White-clawed (or Atlantic stream) crayfish: Otter.	Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland	Natural England

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

# 10.4 Special Protection Areas (SPA)

Records within 2000m 0

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

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



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### 10.5 National Nature Reserves (NNR)

Records within 2000m 0

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

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

## 10.6 Local Nature Reserves (LNR)

Records within 2000m 0

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

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

## 10.7 Designated Ancient Woodland

Records within 2000m 0

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

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

### **10.8 Biosphere Reserves**

Records within 2000m 0

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

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





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#### **10.9 Forest Parks**

Records within 2000m

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

This data is sourced from the Forestry Commission.

#### 10.10 Marine Conservation Zones

Records within 2000m 0

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

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

#### 10.11 Green Belt

Records within 2000m 0

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

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

#### **10.12 Proposed Ramsar sites**

Records within 2000m 0

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

This data is sourced from Natural England.

### 10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m 0

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

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



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## 10.14 Potential Special Protection Areas (pSPA)

#### Records within 2000m 0

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

This data is sourced from Natural England.

#### **10.15 Nitrate Sensitive Areas**

### Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 100

ID	Location	Name	Data source
1	1297m SW	Carlton	Natural England

This data is sourced from Natural England.

#### 10.16 Nitrate Vulnerable Zones

### Records within 2000m 3

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

Location	Name	Туре	NVZ ID	Status
784m SW	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing
1457m S	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing
1833m W	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing

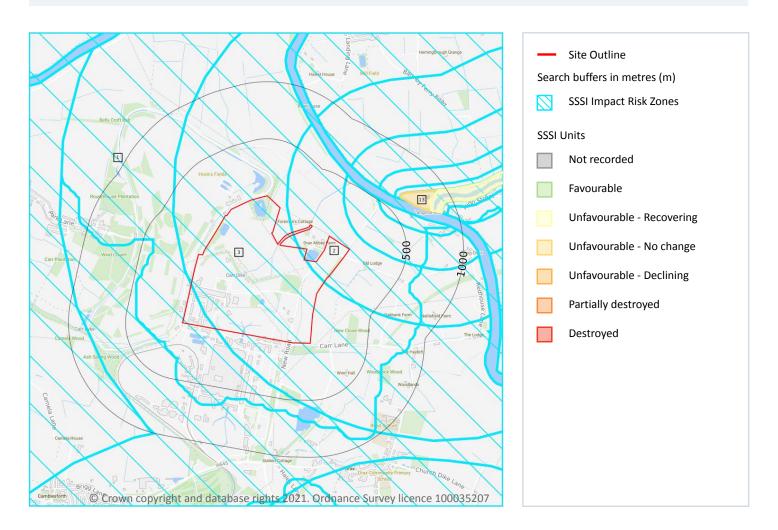
This data is sourced from Natural England and Natural Resources Wales.



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# **SSSI Impact Zones and Units**



## 10.17 SSSI Impact Risk Zones

Records on site 3

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

Features are displayed on the SSSI Impact Zones and Units map on page 105





ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t) Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location).
2	On site	All applications - All Planning Applications (Except Householder) Outside Or Extending Outside Existing Settlements/urban Areas Affecting Greenspace, Farmland, Semi Natural Habitats Or Landscape Features Such As Trees, Hedges, Streams, Rural Buildings/structures Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t).  Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion  Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.  Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.  Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discha







ID	Location	Type of developments requiring consultation
3	On site	Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location). Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more.

This data is sourced from Natural England.

#### 10.18 SSSI Units

Records within 2000m 2

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

Features are displayed on the SSSI Impact Zones and Units map on page 105

ID: 13

Location: 640m NE
SSSI name: River Derwent
Unit name: Barmby Barrage

Broad habitat: Standing Open Water And Canals

Condition: Unfavourable - No change

Reportable features:



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Feature name	Feature condition	Date of assessment
Otter, Lutra lutra	Favourable	25/06/2015
Outstanding dragonfly assemblage	Favourable	04/12/2017
River supporting habitat	Unfavourable - No change	25/06/2015
S1355 Otter, Lutra lutra	Favourable	25/06/2015

ID: 18

Location: 793m NE

SSSI name: River Derwent

Unit name: Confluence With The Beck To Barmby Barrage

Broad habitat: Rivers And Streams

Condition: Unfavourable - Recovering

Reportable features:

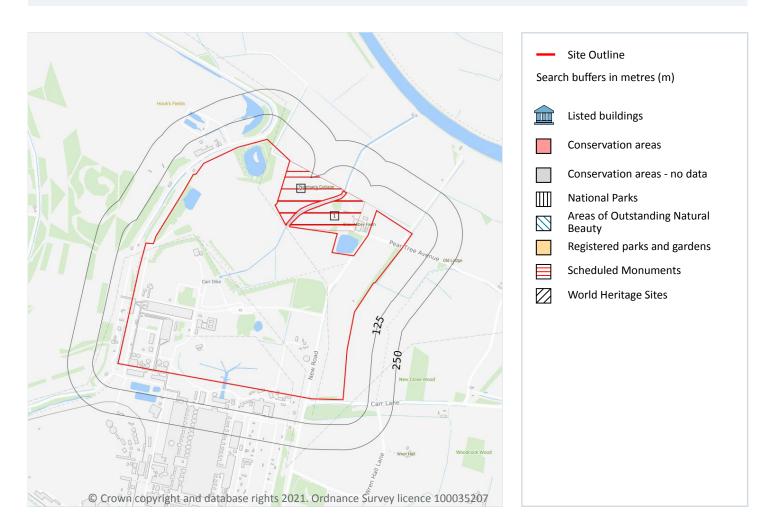
Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	07/03/2018
Assemblages of breeding birds - Mixed	Favourable	03/03/2017
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - Recovering	26/03/2010
Otter, Lutra lutra	Favourable	01/03/2011
Outstanding dragonfly assemblage	Favourable	04/12/2017
Rivers and Streams	Unfavourable - Recovering	01/03/2010
S1095 Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	26/03/2010
S1099 River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	26/03/2010
S1163 Bullhead, Cottus gobio	Unfavourable - Recovering	26/03/2010
S1355 Otter, Lutra lutra	Favourable	26/03/2010

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





# 11 Visual and cultural designations



## 11.1 World Heritage Sites

Records within 250m 0

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

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



(109)



## 11.2 Area of Outstanding Natural Beauty

Records within 250m 0

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

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

#### 11.3 National Parks

Records within 250m 0

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

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

## 11.4 Listed Buildings

Records within 250m 0

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

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

### 11.5 Conservation Areas

Records within 250m 0

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





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

#### 11.6 Scheduled Ancient Monuments

Records within 250m 2

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

Features are displayed on the Visual and cultural designations map on page 109

ID	Location	Ancient monument name	Reference number
1	On site	Drax Augustinian priory	1016857

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

## 11.7 Registered Parks and Gardens

Records within 250m 0

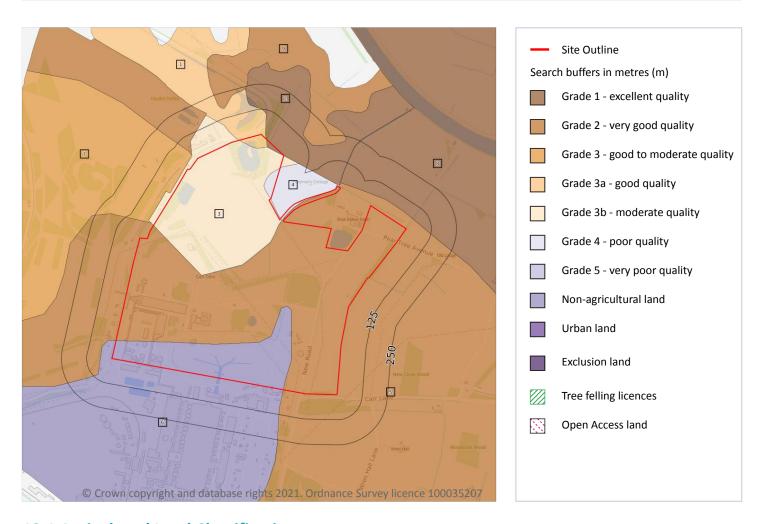
Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the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

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





# 12 Agricultural designations



## 12.1 Agricultural Land Classification

## Records within 250m 9

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

Features are displayed on the Agricultural designations map on page 112

ID	Location	Classification	Description
1	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.





ID	Location	Classification	Description
2	On site	Grade 1	Excellent quality agricultural land. Land with no or very minor limitations to agricultural use. A very wide range of agricultural and horticultural crops can be grown and commonly includes top fruit, soft fruit, salad crops and winter harvested vegetables. Yields are high and less variable than on land of lower quality.
3	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
4	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
5	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable
			than Grade 1.
6	On site	Non Agricultural	
<b>6</b> 7	On site		
		Agricultural	than Grade 1.  Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in

This data is sourced from Natural England.

# 12.2 Open Access Land

Records within 250m 0

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





Generally permitted activities on access land are walking, running, watching wildlife and climbing.

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

## **12.3 Tree Felling Licences**

Records within 250m 0

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

This data is sourced from the Forestry Commission.

## 12.4 Environmental Stewardship Schemes

Records within 250m 0

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

This data is sourced from Natural England.

### 12.5 Countryside Stewardship Schemes

Records within 250m 4

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

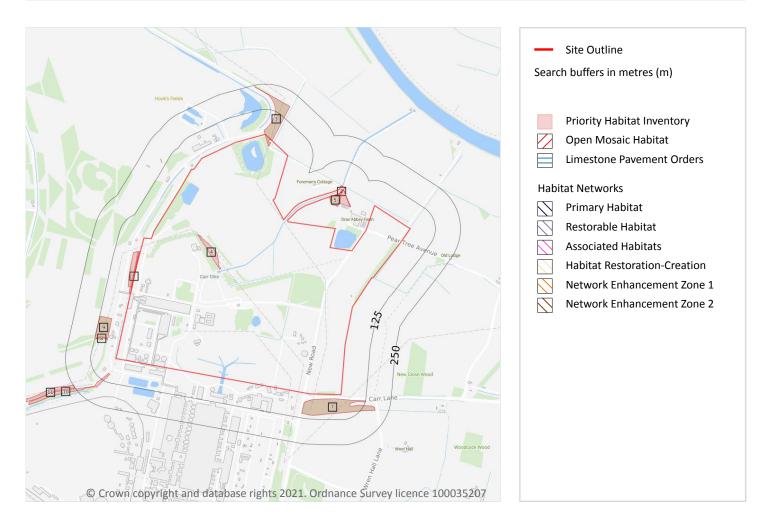
Location	Reference	Scheme	Start Date	End Date
On site	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

This data is sourced from Natural England.





# 13 Habitat designations



# **13.1 Priority Habitat Inventory**

#### Records within 250m 13

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

Features are displayed on the Habitat designations map on page 115

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)





ID	Location	Main Habitat	Other habitats
А	0m SE	Deciduous woodland	Main habitat: TORCH (INV > 50%); DWOOD (INV > 50%)
5	2m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	3m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
А	5m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	22m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	61m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	62m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	82m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	247m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

#### 13.2 Habitat Networks

Records within 250m 0

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

This data is sourced from Natural England.

### 13.3 Open Mosaic Habitat

Records within 250m 0

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

This data is sourced from Natural England.

#### **13.4 Limestone Pavement Orders**

Records within 250m 0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave





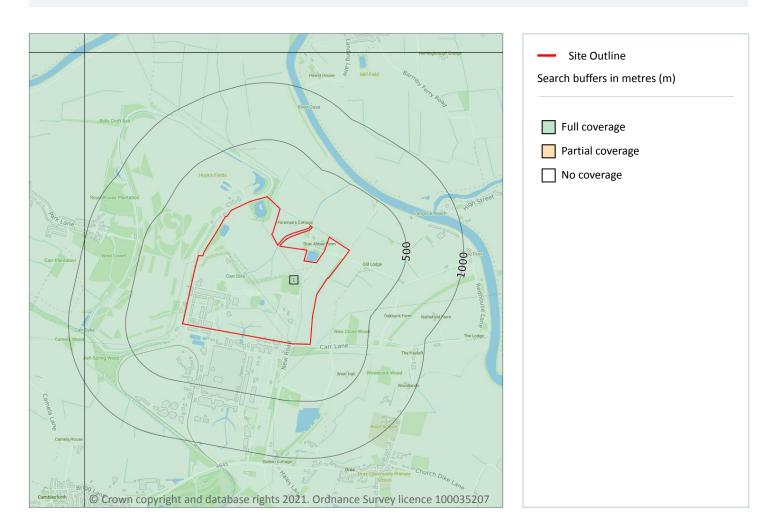
them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.





# 14 Geology 1:10,000 scale - Availability



# 14.1 10k Availability

Records within 500m 1

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

Features are displayed on the Geology 1:10,000 scale - Availability map on page 118

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NE

This data is sourced from the British Geological Survey.





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

# 14.2 Artificial and made ground (10k)

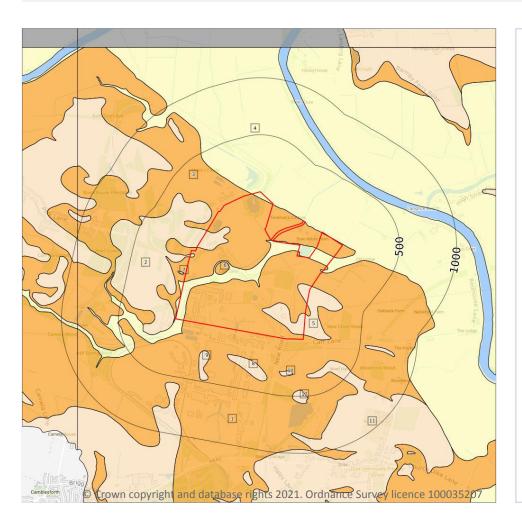
Records within 500m 0

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





# Geology 1:10,000 scale - Superficial



Site OutlineSearch buffers in metres (m)

Landslip (10k)

Superficial geology (10k) Please see table for more details.

# 14.3 Superficial geology (10k)

### Records within 500m 12

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 120

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
2	On site	BREI-S	Breighton Sand Formation - Sand	Sand
3	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
4	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel





ID	Location	LEX Code	Description	Rock description
5	On site	BREI-S	Breighton Sand Formation - Sand	Sand
6	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
7	18m W	BREI-S	Breighton Sand Formation - Sand	Sand
8	222m S	BREI-S	Breighton Sand Formation - Sand	Sand
9	229m S	BREI-S	Breighton Sand Formation - Sand	Sand
10	280m S	BREI-S	Breighton Sand Formation - Sand	Sand
11	293m SE	BREI-S	Breighton Sand Formation - Sand	Sand
12	447m S	BREI-S	Breighton Sand Formation - Sand	Sand

This data is sourced from the British Geological Survey.

# 14.4 Landslip (10k)

Records within 500m 0

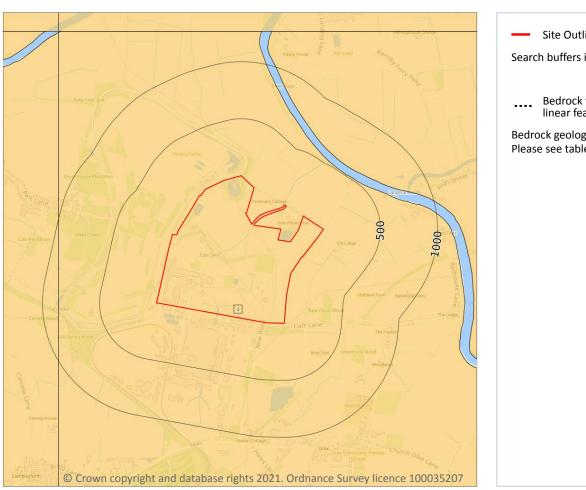
Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.





# Geology 1:10,000 scale - Bedrock



Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)

Please see table for more details.

# 14.5 Bedrock geology (10k)

### Records within 500m

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 122

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian  Epoch [Obsolete name]

This data is sourced from the British Geological Survey.





## 14.6 Bedrock faults and other linear features (10k)

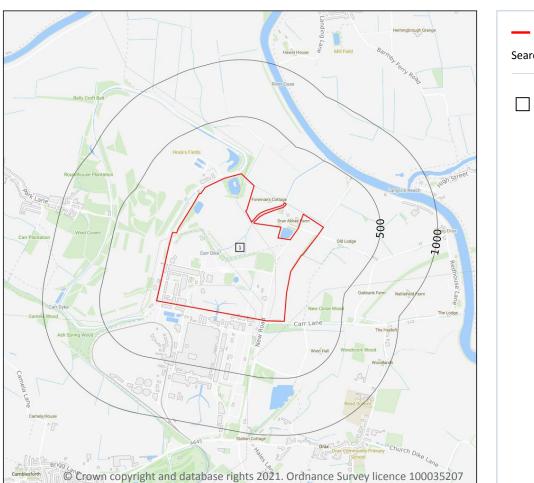
Records within 500m 0

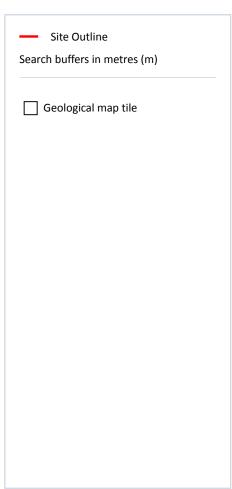
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.





# 15 Geology 1:50,000 scale - Availability





# 15.1 50k Availability

**Records within 500m** 1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on page 124

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_v4

This data is sourced from the British Geological Survey.



Contact us with any questions at:

Date: 25 August 2021

info@groundsure.com 08444 159 000



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

## 15.2 Artificial and made ground (50k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

## 15.3 Artificial ground permeability (50k)

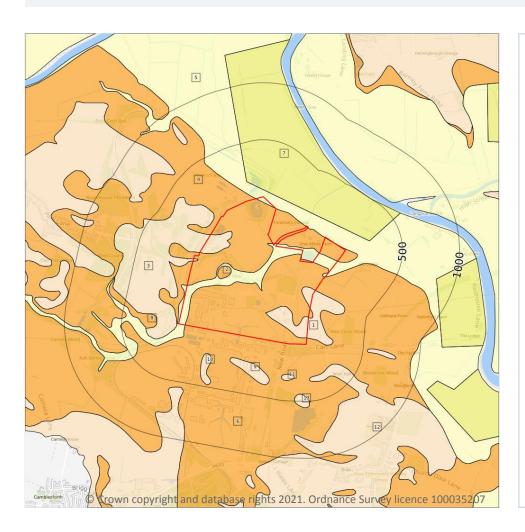
Records within 50m 0

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





# Geology 1:50,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (50k)

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

# 15.4 Superficial geology (50k)

### Records within 500m 13

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on page 126

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
2	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
3	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
4	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY





ID	Location	LEX Code	Description	Rock description
5	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
6	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
7	56m NE	WARP-XCZ	WARP	CLAY AND SILT
8	190m W	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
9	206m S	BREI-S	BREIGHTON SAND FORMATION	SAND
10	212m S	BREI-S	BREIGHTON SAND FORMATION	SAND
11	267m S	BREI-S	BREIGHTON SAND FORMATION	SAND
12	277m SE	BREI-S	BREIGHTON SAND FORMATION	SAND
13	439m S	BREI-S	BREIGHTON SAND FORMATION	SAND

This data is sourced from the British Geological Survey.

## 15.5 Superficial permeability (50k)

Records within 50m 6

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

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

This data is sourced from the British Geological Survey.

# 15.6 Landslip (50k)

Records within 500m

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





This data is sourced from the British Geological Survey.

## 15.7 Landslip permeability (50k)

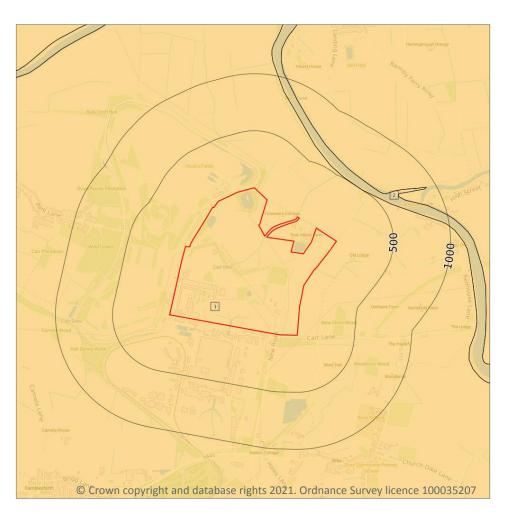
Records within 50m 0

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





# Geology 1:50,000 scale - Bedrock



Site Outline
Search buffers in metres (m)

Bedrock faults and other linear features (50k)

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

# 15.8 Bedrock geology (50k)

### Records within 500m 2

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on page 129

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-





1

## 15.9 Bedrock permeability (50k)

Records within 50m

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

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

This data is sourced from the British Geological Survey.

# 15.10 Bedrock faults and other linear features (50k)

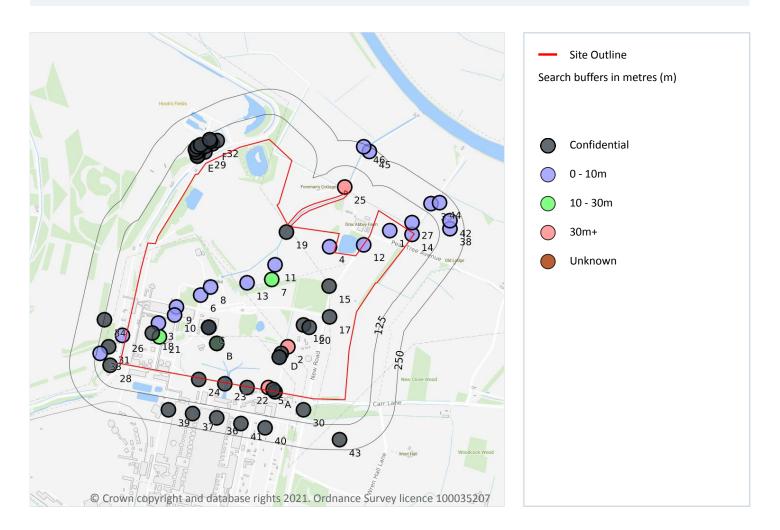
Records within 500m 0

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





# **16 Boreholes**



### 16.1 BGS Boreholes

Records within 250m 74

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

Features are displayed on the Boreholes map on page 131

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	467200 428280	LANCASHIRE - YORKSHIRE MOTORWAY M62 A679	3.0	N	<u>16096156</u>
2	On site	466694 427703	DRAX POWER STATION, SELBY, YORKS	92.0	N	<u>121326</u>





ID	Location	Grid reference	Name	Length	Confidential	Web link
3	On site	466050 427820	LANCASHIRE - YORKSHIRE MOTORWAY M62 A665	5.0	N	16096147
4	On site	466900 428200	LANCASHIRE - YORKSHIRE MOTORWAY M62 A677	5.0	N	16096154
5	On site	466597 427501	DRAX POWER STATION, SELBY YORKS	123.0	N	<u>121327</u>
6	On site	466260 427960	LANCASHIRE - YORKSHIRE MOTORWAY M62 A673	5.0	N	16096150
7	On site	466612 428037	GOOLE POWER STATION 8	23.39	N	<u>121420</u>
8	On site	466310 428000	LANCASHIRE - YORKSHIRE MOTORWAY M62 A674	5.0	N	<u>16096151</u>
9	On site	466140 427900	LANCASHIRE - YORKSHIRE MOTORWAY M62 A666	5.0	N	16096148
10	On site	466130 427860	LANCASHIRE - YORKSHIRE MOTORWAY M62 A667	5.0	N	<u>16096149</u>
11	On site	466630 428110	LANCASHIRE - YORKSHIRE MOTORWAY M62 A676	5.0	N	<u>16096153</u>
12	On site	467070 428210	LANCASHIRE - YORKSHIRE MOTORWAY M62 A678	3.0	N	<u>16096155</u>
13	On site	466490 428020	LANCASHIRE - YORKSHIRE MOTORWAY M62 A675	5.0	N	16096152
14	On site	467310 428260	LANCASHIRE - YORKSHIRE MOTORWAY M62 A681	3.0	N	<u>16096194</u>
15	On site	466899 428004	DRAX-OSGODBY 132KV LINE 3	-	Υ	N/A
16	On site	466770 427810	DRAX POWER STATION 1	-	Υ	N/A
17	On site	466900 427850	DRAX POWER STATION D60	-	Υ	N/A
18	On site	466020 427770	DRAX POWER STATION D70	-	Υ	N/A
19	On site	466686 428274	DRAX-OSGODBY 132KV LINE 4	-	Υ	N/A
20	On site	466800 427800	DRAX-OSGODBY 132KV LINE PDO 2	-	Υ	N/A
21	On site	466054 427753	GOOLE POWER STATION 7	23.47	N	<u>121419</u>
Α	On site	466630 427480	DRAX POWER STATION 3	-	Υ	N/A
Α	On site	466620 427490	DRAX POWER STATION 6	-	Υ	N/A
В	On site	466340 427720	DRAX POWER STATION D72	21.5	N	<u>121456</u>
В	On site	466340 427720	DRAX POWER STATION D71	-	Υ	N/A





ID	Location	Grid reference	Name	Length	Confidential	Web link
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ2A	-	Υ	N/A
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ4	-	Υ	N/A
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ5	-	Υ	N/A
С	On site	466300 427800	DRAX POWER STATION 2/132	-	Υ	N/A
С	On site	466300 427800	DRAX POWER STATION 1/132	-	Υ	N/A
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ3	-	Υ	N/A
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ3A	-	Υ	N/A
С	On site	466300 427800	DRAX/EGGBOROUGH 400KV 4VJ4A	-	Υ	N/A
С	On site	466300 427800	DRAX POWER STATION 3/132	-	Υ	N/A
С	On site	466300 427800	DRAX POWER STATION 4/132	-	Υ	N/A
D	On site	466660 427670	DRAX POWER STATION 2	-	Υ	N/A
D	On site	466650 427650	DRAX POWER STATION 5	-	Υ	N/A
D	On site	466650 427650	DRAX POWER STATION D59	-	Υ	N/A
22	4m S	466490 427500	DRAX POWER STATION D3	-	Υ	N/A
23	4m S	466380 427520	DRAX POWER STATION D2	-	Υ	N/A
24	8m S	466250 427540	DRAX POWER STATION D1	-	Υ	N/A
25	19m N	466975 428497	GOOLE POWER STATION 9	35.05	N	<u>121421</u>
26	20m W	465870 427760	LANCASHIRE - YORKSHIRE MOTORWAY M62 A664	5.0	N	<u>16096146</u>
27	41m NE	467310 428320	LANCASHIRE - YORKSHIRE MOTORWAY M62 A680	3.0	N	16096157
28	49m W	465810 427610	DRAX-EGGBOROUGH 400KV 5	-	Υ	N/A
Е	54m NW	466248 428654	DRAX POWER STATION - LYTAG PLANT BH9A	-	Υ	N/A
29	54m NW	466280 428672	DRAX POWER STATION - LYTAG PLANT BH8	-	Υ	N/A
Е	55m NW	466244 428651	DRAX POWER STATION - LYTAG PLANT BH9	-	Υ	N/A
30	62m S	466770 427390	DRAX POWER STATION D48	-	Υ	N/A
Е	71m NW	466253 428678	DRAX POWER STATION - LYTAG PLANT BH7	-	Υ	N/A
_	71m NW	466239 428669	DRAX POWER STATION - LYTAG PLANT TP3	-	Υ	N/A
Е						
31	74m W	465802 427702	DRAX POWER STATION BH115	-	Υ	N/A





ID	Location	Grid reference	Name	Length	Confidential	Web link
Е	78m NW	466283 428700	DRAX POWER STATION - LYTAG PLANT BH5	-	Υ	N/A
32	79m NW	466342 428728	DRAX POWER STATION - LYTAG PLANT BH2	-	Υ	N/A
Е	85m NW	466233 428682	DRAX POWER STATION - LYTAG PLANT BH6	-	Υ	N/A
F	89m NW	466310 428724	DRAX POWER STATION - LYTAG PLANT TP1	-	Υ	N/A
Е	93m NW	466244 428698	DRAX POWER STATION - LYTAG PLANT TP2	-	Υ	N/A
Е	94m NW	466259 428706	DRAX POWER STATION - LYTAG PLANT BH4	-	Υ	N/A
F	98m NW	466304 428732	DRAX POWER STATION - LYTAG PLANT BH1	-	Υ	N/A
33	108m W	465760 427670	LANCASHIRE - YORKSHIRE MOTORWAY M62 A663	5.0	N	16096145
34	122m W	465782 427836	DRAX POWER STATION BH114	-	Υ	N/A
35	171m NE	467405 428414	BARMBY TO BRAYTON GRIDLINK 28	-2.0	N	121464
36	179m S	466340 427350	DRAX POWER STATION D6	-	Υ	N/A
37	181m S	466220 427370	DRAX POWER STATION D5	-	Υ	N/A
38	181m E	467500 428290	LANCASHIRE - YORKSHIRE MOTORWAY M62 A683	3.0	N	16096196
39	182m S	466100 427390	DRAX POWER STATION D4	-	Υ	N/A
40	185m S	466580 427300	DRAX POWER STATION D8	-	Υ	N/A
41	187m S	466460 427320	DRAX POWER STATION D7	-	Υ	N/A
42	190m E	467500 428330	LANCASHIRE - YORKSHIRE MOTORWAY M62 A682	3.0	N	16096195
43	201m S	466950 427240	DRAX POWER STATION D11	-	Υ	N/A
44	201m NE	467448 428420	BARMBY TO BRAYTON GRIDLINK 29	-2.0	N	<u>121465</u>
45	229m NE	467098 428673	BARMBY TO BRAYTON GRIDLINK 27	-2.0	N	121463
46	238m NE	467070 428697	BARMBY TO BRAYTON GRIDLINK 26	-2.0	N	121462

This data is sourced from the British Geological Survey.





# 17 Natural ground subsidence - Shrink swell clays



### 17.1 Shrink swell clays

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on page 135

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
On site	Low	Ground conditions predominantly medium plasticity.





This data is sourced from the British Geological Survey.





# Natural ground subsidence - Running sands



### **17.2** Running sands

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Running sands map on page 137

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.





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

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Compressible deposits



### 17.3 Compressible deposits

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on page 139

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.



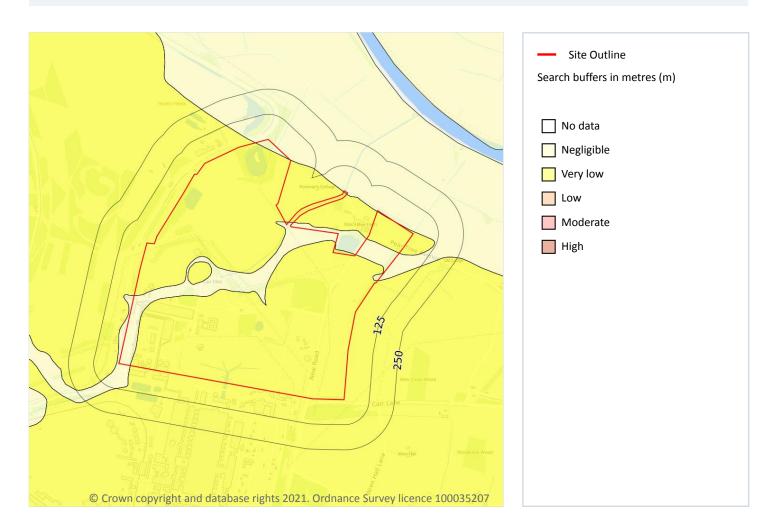


This data is sourced from the British Geological Survey.





# Natural ground subsidence - Collapsible deposits



## 17.4 Collapsible deposits

Records within 50m 2

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on page 141

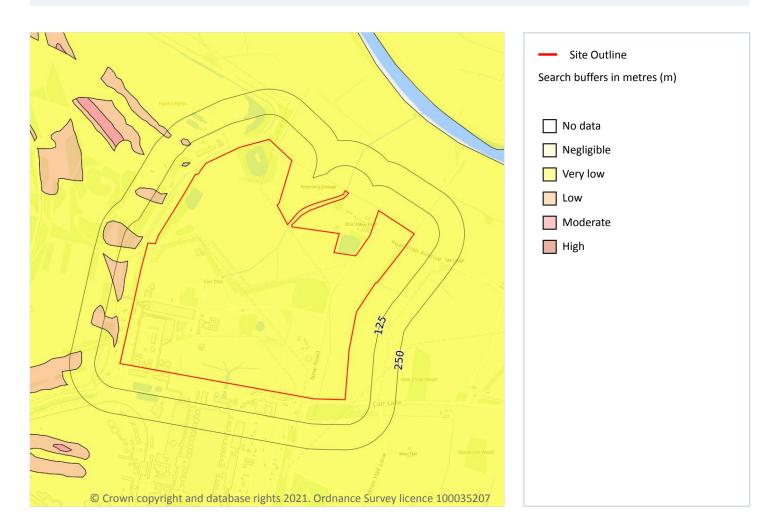
Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Landslides



### 17.5 Landslides

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Landslides map on page 142

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





Location	Hazard rating	Details
36m NW	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
40m W	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.



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# Natural ground subsidence - Ground dissolution of soluble rocks



### 17.6 Ground dissolution of soluble rocks

Records within 50m 1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page** 144

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



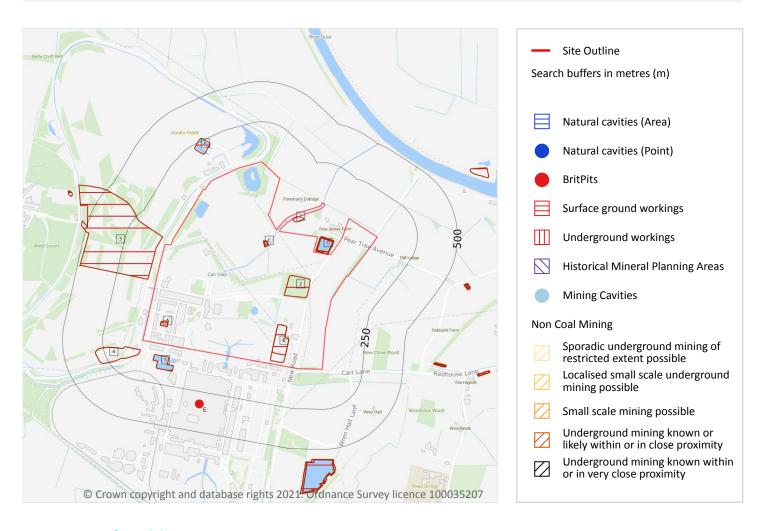


This data is sourced from the British Geological Survey.





# 18 Mining, ground workings and natural cavities



### 18.1 Natural cavities

Records within 500m 0

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

This data is sourced from Stantec UK Ltd.





#### 18.2 BritPits

Records within 500m 4

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

Features are displayed on the Mining, ground workings and natural cavities map on page 146

ID	Location	Details	Description
Е	325m S	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Pulverised-Fuel Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
Е	325m S	Name: Drax Power Station Desulphurisation Plant Address: Drax, SELBY, North Yorkshire Commodity: Desulphogypsum Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
Е	325m S	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Furnace Bottom Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
Е	325m S	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Pulverised-Fuel Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals

This data is sourced from the British Geological Survey.

## 18.3 Surface ground workings

Records within 250m 18

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

Features are displayed on the Mining, ground workings and natural cavities map on page 146

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Unspecified Heap	1957	1:10560
2	On site	Unspecified Heaps	1974	1:10000





ID	Location	Land Use	Year of mapping	Mapping scale
Α	On site	Sewage Works	1974	1:10000
Α	On site	Sewage Works	1988	1:10000
В	On site	Unspecified Heap	1974	1:10000
В	On site	Unspecified Heap	1988	1:10000
С	On site	Pond	1957	1:10560
С	On site	Pond	1908	1:10560
С	On site	Pond	1950	1:10560
D	On site	Fish Pond	1957	1:10560
D	On site	Fish Pond	1908	1:10560
D	On site	Fish Pond	1950	1:10560
D	13m N	Pond	1974	1:10000
D	13m N	Pond	1988	1:10000
3	37m NW	Refuse Heap	1988	1:10000
4	60m S	Refuse Heap	1974	1:10000
5	73m S	Settling Ponds	1988	1:10000
6	169m NW	Unspecified Pits	1988	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

## **18.4 Underground workings**

Records within 1000m 0

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

This is data is sourced from Ordnance Survey/Groundsure.

### **18.5 Historical Mineral Planning Areas**

Records within 500m 0

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

This data is sourced from the British Geological Survey.





### 18.6 Non-coal mining

Records within 1000m 0

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

This data is sourced from the British Geological Survey.

### **18.7 Mining cavities**

Records within 1000m 0

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

This data is sourced from Stantec UK Ltd.

### 18.8 JPB mining areas

Records on site 0

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

This data is sourced from Johnson Poole and Bloomer.

#### 18.9 Coal mining

Records on site 1

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

Location Details

On site

The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.





#### 18.10 Brine areas

Records on site 0

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

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

### 18.11 Gypsum areas

Records on site 0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

### 18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

### 18.13 Clay mining

Records on site 0

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

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





## 19 Radon



#### **19.1** Radon

#### Records on site 1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 151

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

This data is sourced from the British Geological Survey and Public Health England.





## 20 Soil chemistry

### 20.1 BGS Estimated Background Soil Chemistry

Records within 50m 47

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg





Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
2m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
15m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
17m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
18m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
28m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
30m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
47m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg





Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
48m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg

This data is sourced from the British Geological Survey.

### 20.2 BGS Estimated Urban Soil Chemistry

Records within 50m 0

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

This data is sourced from the British Geological Survey.

### 20.3 BGS Measured Urban Soil Chemistry

Records within 50m 0

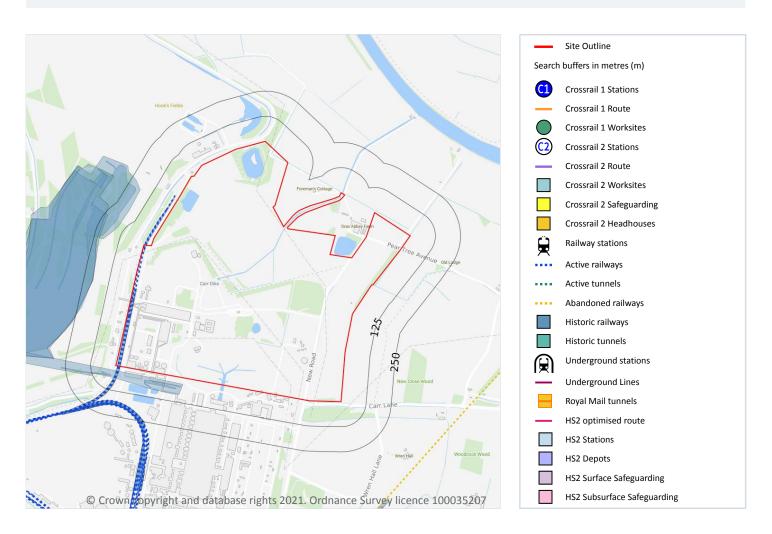
The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

This data is sourced from the British Geological Survey.





# 21 Railway infrastructure and projects



## 21.1 Underground railways (London)

Records within 250m 0

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

This data is sourced from publicly available information by Groundsure.

## 21.2 Underground railways (Non-London)

Records within 250m

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





This data is sourced from publicly available information by Groundsure.

### 21.3 Railway tunnels

Records within 250m

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

### 21.4 Historical railway and tunnel features

Records within 250m 10

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

Features are displayed on the Railway infrastructure and projects map on page 155

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1994	2500
25m S	Railway Sidings	1974	10000
41m S	Railway Sidings	1971	2500
52m SW	Railway Sidings	1971	2500
59m S	Railway Sidings	1971	2500
157m NW	Railway Sidings	1974	10000
176m S	Railway Sidings	1987	2500
183m NW	Railway Sidings	1971	2500
204m W	Railway Sidings	1957	10560
207m W	Railway Sidings	1950	10560

This data is sourced from Ordnance Survey/Groundsure.

### 21.5 Royal Mail tunnels

Records within 250m 0

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





This data is sourced from Groundsure/the Postal Museum.

### **21.6** Historical railways

Records within 250m 0

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

This data is sourced from OpenStreetMap.

### 21.7 Railways

Records within 250m 14

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on **page 155** 

Location	Name	Туре
	Name	
On site		rail
21m NW		rail
176m S		rail
182m S		rail
187m S		rail
190m S	Not given	Single Track
190m S	Not given	Single Track
191m S		rail
196m S		rail

 ${\it This \ data \ is \ sourced from \ Ordnance \ Survey \ and \ OpenStreetMap.}$ 





#### 21.8 Crossrail 1

Records within 500m 0

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

This data is sourced from publicly available information by Groundsure.

### 21.9 Crossrail 2

Records within 500m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.10 HS2

Records within 500m 0

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

This data is sourced from HS2 ltd.





# **Data providers**

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

# **Terms and conditions**

Groundsure's Terms and Conditions can be accessed at this link: <a href="https://www.groundsure.com/terms-and-conditions-jan-2020/">https://www.groundsure.com/terms-and-conditions-jan-2020/</a>.



**Date**: 25 August 2021 159





### **Drax Power Station**

### **Order Details**

**Date:** 25/08/2021

Your ref: Drax Power Station

Our Ref: GSIP-2021-12199-7640\_C

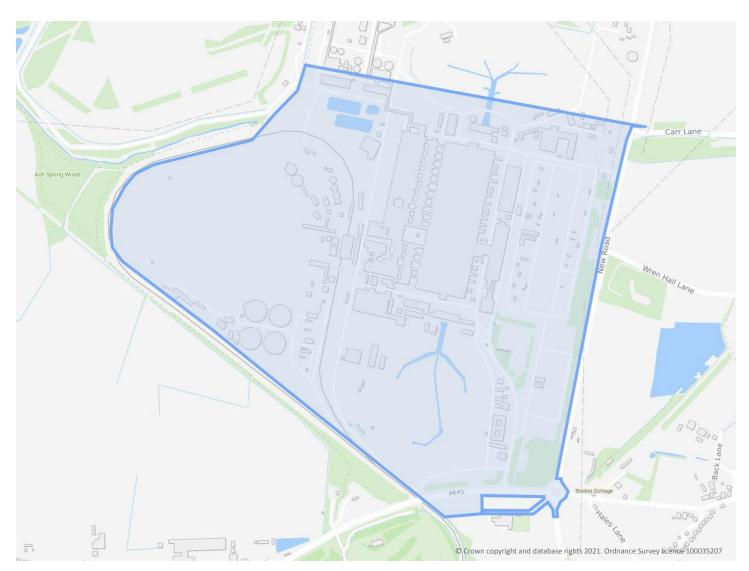
Client: WSP UK Limited

### **Site Details**

**Location:** 466173 426786

**Area:** 121.01 ha

Authority: Selby District Council



**Summary of findings** 

o. 2 Aerial image

p. 8

OS MasterMap site plan

N/A: >10ha

groundsure.com/insightuserguide



# **Summary of findings**

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	Historical industrial land uses	16	3	10	12	-
<u>15</u>	<u>1.2</u>	<u>Historical tanks</u>	24	7	19	5	-
<u>17</u>	<u>1.3</u>	Historical energy features	2	0	4	0	-
18	1.4	Historical petrol stations	0	0	0	0	-
18	1.5	Historical garages	0	0	0	0	-
18	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>19</u>	<u>2.1</u>	Historical industrial land uses	22	4	16	14	-
22	<u>2.2</u>	<u>Historical tanks</u>	35	12	29	8	-
<u>25</u>	<u>2.3</u>	Historical energy features	15	0	6	0	-
26	2.4	Historical petrol stations	0	0	0	0	-
26	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
<u>27</u>	<u>3.1</u>	Active or recent landfill	0	0	0	1	-
28	3.2	Historical landfill (BGS records)	0	0	0	0	-
28	3.3						
	0.0	Historical landfill (LA/mapping records)	0	0	0	0	-
<u>28</u>	<u>3.4</u>	Historical landfill (LA/mapping records)  Historical landfill (EA/NRW records)	0	0	0 1	0 1	-
<b>28</b> 29							-
	3.4	Historical landfill (EA/NRW records)	0	0	1	1	-
29	<b>3.4</b> 3.5	Historical landfill (EA/NRW records) Historical waste sites	0	0	1 0	1	-
29 <b>29</b>	3.4 3.5 3.6	Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites	0 0	0 0	1 0 0	1 0 4	- - - - 500-2000m
29 29 32	3.4 3.5 3.6 3.7	Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions	0 0 0 5	0 0 6 6	1 0 0	1 0 4 7	- - - - 500-2000m
29 29 32 Page	3.4 3.5 3.6 3.7 Section	Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use	0 0 0 5 On site	0 0 6 6	1 0 0 1 50-250m	1 0 4 7	- - - - 500-2000m
29 29 32 Page	3.4 3.5 3.6 3.7 Section 4.1	Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses	0 0 0 5 On site	0 0 6 6 0-50m	1 0 0 1 50-250m	1 0 4 7 250-500m	- - - 500-2000m
29 29 32 Page 35	3.4 3.5 3.6 3.7 Section 4.1 4.2	Historical landfill (EA/NRW records)  Historical waste sites  Licensed waste sites  Waste exemptions  Current industrial land use  Recent industrial land uses  Current or recent petrol stations	0 0 5 On site	0 0 6 6 0-50m 7	1 0 0 1 50-250m 29	1 0 4 7 250-500m	- - - 500-2000m - -





<u>41</u>	4.6	Control of Major Accident Hazards (COMAH)	2	0	0	0	-
41	4.7	Regulated explosive sites	0	0	0	0	-
<u>41</u>	4.8	Hazardous substance storage/usage	3	0	0	0	-
<u>42</u>	<u>4.9</u>	Historical licensed industrial activities (IPC)	36	0	0	0	-
<u>47</u>	4.10	Licensed industrial activities (Part A(1))	102	0	0	0	-
63	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
63	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>63</u>	4.13	Licensed Discharges to controlled waters	14	0	15	9	-
68	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
68	4.15	Pollutant release to public sewer	0	0	0	0	-
<u>69</u>	4.16	List 1 Dangerous Substances	1	0	0	0	-
69	4.17	List 2 Dangerous Substances	0	0	0	0	-
<u>69</u>	<u>4.18</u>	Pollution Incidents (EA/NRW)	0	2	0	0	-
<u>70</u>	<u>4.19</u>	Pollution inventory substances	32	0	0	0	-
<u>78</u>	4.20	Pollution inventory waste transfers	1	0	0	0	-
86	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
<u>87</u>	<u>5.1</u>	Superficial aquifer	Identified (	within 500m	)		
<u>89</u>	<u>5.2</u>	Bedrock aquifer	Identified (	within 500m	)		
<u>91</u>	<u>5.3</u>	Groundwater vulnerability	Identified (	within 50m)			
94	5.4	Groundwater vulnerability- soluble rock risk	None (with	in 0m)			
94	5.5	Groundwater vulnerability- local information	None (with	in 0m)			
<u>95</u>	<u>5.6</u>	Groundwater abstractions	0	0	14	3	8
95 102	<u>5.6</u> <u>5.7</u>	Groundwater abstractions  Surface water abstractions	0	0	<b>14</b> 0	3 1	10
<u>102</u>	<u>5.7</u>	Surface water abstractions	0	0	0	1	10
<b>102</b> 104	<b>5.7</b> 5.8	Surface water abstractions  Potable abstractions	0	0	0	<b>1</b>	10
102 104 104	<b>5.7</b> 5.8 <b>5.9</b>	Surface water abstractions  Potable abstractions  Source Protection Zones	0 0 1	0 0	0 0	1 0 0	10





112	<u>6.2</u>	Surface water features	1	15	21	-	-	
<u>112</u>	<u>6.3</u>	WFD Surface water body catchments	2	-	-	-	-	
<u>113</u>	<u>6.4</u>	WFD Surface water bodies	1	0	0	-	-	
<u>113</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-	
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m	
115	<u>7.1</u>	Risk of Flooding from Rivers and Sea (RoFRaS)	Medium (w	vithin 50m)				
<u>116</u>	<u>7.2</u>	<u>Historical Flood Events</u>	0	1	0	-	-	
116	7.3	Flood Defences	0	0	0	-	-	
<u>116</u>	<u>7.4</u>	Areas Benefiting from Flood Defences	2	0	0	-	-	
117	7.5	Flood Storage Areas	0	0	0	-	-	
<u>118</u>	<u>7.6</u>	Flood Zone 2	Identified (	within 50m)				
<u>119</u>	<u>7.7</u>	Flood Zone 3	Identified (within 50m)					
Page	Section	Surface water flooding						
<u>120</u>	<u>8.1</u>	Surface water flooding	1 in 30 year, Greater than 1.0m (within 50m)					
	6	- C - 1						
Page	Section	Groundwater flooding						
122	9.1	Groundwater flooding  Groundwater flooding	High (withi	n 50m)				
			High (withi	n 50m) <sub>0-50m</sub>	50-250m	250-500m	500-2000m	
122	9.1	Groundwater flooding			50-250m	<b>250-500m</b>	500-2000m	
<b>122</b> Page	9.1 Section	Groundwater flooding  Environmental designations	On site	0-50m				
122 Page	9.1 Section 10.1	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)	On site	0-50m	0	0	1	
122 Page 123	9.1 Section 10.1 10.2	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)	On site  0	0-50m 0	0	0	1	
122 Page 123 124 124	9.1 Section 10.1 10.2 10.3	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)	On site  0 0 0	0-50m 0 0	0 0	0 0	1 0 1	
122 Page 123 124 124	9.1 Section 10.1 10.2 10.3 10.4	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)	On site  0 0 0 0	0-50m 0 0 0	0 0 0	0 0 0	1 0 1 0	
122 Page 123 124 124 125	9.1 Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)	On site  0 0 0 0 0	0-50m 0 0 0	0 0 0 0	0 0 0 0	1 0 1 0	
122 Page 123 124 124 125 125	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)	On site  0 0 0 0 0 0	0-50m 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 0 1 0 0	
122 Page  123 124 124 125 125	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland	On site  0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 0 1 0 0 0	
122 Page  123 124 124 125 125 125	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves	On site  0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	1 0 1 0 0 0	
122 Page  123 124 124 125 125 125 125 126	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks	On site  0 0 0 0 0 0 0 0 0 0 0	0-50m  0  0  0  0  0  0  0  0  0  0	0 0 0 0 0 0	0 0 0 0 0 0	1 0 1 0 0 0 0	
122 Page  123 124 124 125 125 125 125 126 126	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Groundwater flooding  Environmental designations  Sites of Special Scientific Interest (SSSI)  Conserved wetland sites (Ramsar sites)  Special Areas of Conservation (SAC)  Special Protection Areas (SPA)  National Nature Reserves (NNR)  Local Nature Reserves (LNR)  Designated Ancient Woodland  Biosphere Reserves  Forest Parks  Marine Conservation Zones	On site  O	0-50m  0  0  0  0  0  0  0  0  0  0  0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	1 0 1 0 0 0 0 0	





126	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
127	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
<u>127</u>	<u>10.15</u>	Nitrate Sensitive Areas	0	0	0	0	1
<u>127</u>	<u>10.16</u>	Nitrate Vulnerable Zones	0	1	0	1	2
<u>129</u>	<u>10.17</u>	SSSI Impact Risk Zones	3	-	-	-	-
<u>131</u>	<u>10.18</u>	SSSI Units	0	0	0	0	2
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
133	11.1	World Heritage Sites	0	0	0	-	-
133	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
133	11.3	National Parks	0	0	0	-	-
133	11.4	Listed Buildings	0	0	0	-	-
134	11.5	Conservation Areas	0	0	0	-	-
134	11.6	Scheduled Ancient Monuments	0	0	0	-	-
134	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>135</u>	<u>12.1</u>	Agricultural Land Classification	Grade 3b (v	within 250m)			
136	12.2	Open Access Land	0	0	0	-	-
136	12.3	Tree Felling Licences	0	0	0	-	-
137	12.4	Environmental Stewardship Schemes	0	0	0	-	-
<u>137</u>	<u>12.5</u>	Countryside Stewardship Schemes	0	3	2	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>138</u>	<u>13.1</u>	Priority Habitat Inventory	3	10	13	-	-
139	13.2	Habitat Networks	0	0	0	-	-
140	13.3	Open Mosaic Habitat	0	0	0	-	-
140	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>141</u>	<u>14.1</u>	10k Availability	Identified (	within 500m	)		
142	14.2	Artificial and made ground (10k)	0	0	0	0	-
<u>143</u>	<u>14.3</u>	Superficial geology (10k)	5	3	3	8	-





144	14.4	Landslip (10k)	0	0	0	0	-	
<u>145</u>	<u>14.5</u>	Bedrock geology (10k)	1	0	0	1	-	
146	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-	
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m	
<u>147</u>	<u>15.1</u>	50k Availability	Identified (	within 500m	)			
148	15.2	Artificial and made ground (50k)	0	0	0	0	-	
148	15.3	Artificial ground permeability (50k)	0	0	-	-	-	
<u>149</u>	<u>15.4</u>	Superficial geology (50k)	5	4	3	3	-	
<u>150</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (	within 50m)				
151	15.6	Landslip (50k)	0	0	0	0	-	
151	15.7	Landslip permeability (50k)	None (with	in 50m)				
<u>152</u>	<u>15.8</u>	Bedrock geology (50k)	1	0	0	0	-	
<u>153</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (within 50m)					
153	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	_	
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m	
<u>154</u>	<u>16.1</u>	BGS Boreholes	52	7	25	-	-	
_								
Page	Section	Natural ground subsidence						
Page <b>158</b>	Section <u>17.1</u>	Natural ground subsidence  Shrink swell clays	Low (within	n 50m)				
			Low (within					
<u>158</u>	<u>17.1</u>	Shrink swell clays	Low (withir					
158 160	<u>17.1</u> <u>17.2</u>	Shrink swell clays Running sands	Low (withir	n 50m) within 50m)				
158 160 162	17.1 17.2 17.3	Shrink swell clays Running sands Compressible deposits	Low (within Moderate ( Very low (w	n 50m) within 50m)				
158 160 162 164	17.1 17.2 17.3 17.4	Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits	Low (within Moderate ( Very low (w Moderate (	n 50m) within 50m) vithin 50m)				
158 160 162 164 166	17.1 17.2 17.3 17.4 17.5	Shrink swell clays  Running sands  Compressible deposits  Collapsible deposits  Landslides	Low (within Moderate ( Very low (w Moderate (	within 50m) within 50m) within 50m)	50-250m	250-500m	500-2000m	
158 160 162 164 166 168	17.1 17.2 17.3 17.4 17.5	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks	Low (within Moderate ( Very low (w Moderate ( Negligible (	within 50m) within 50m) within 50m) within 50m)	50-250m	<b>250-500</b> m	500-2000m	
158 160 162 164 166 168 Page	17.1 17.2 17.3 17.4 17.5 17.6	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities	Low (within Moderate ( Very low (within Moderate ( Negligible ( On site	within 50m) within 50m) within 50m) within 50m) within 50m)			500-2000m	
158 160 162 164 166 168 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities	Low (within Moderate ( Very low (within Moderate ( Moderate ( Negligible ( On site	within 50m) within 50m) within 50m) within 50m) o-50m	0	0	500-2000m - -	
158 160 162 164 166 168 Page	17.1 17.2 17.3 17.4 17.5 17.6 Section 18.1	Shrink swell clays Running sands Compressible deposits Collapsible deposits Landslides Ground dissolution of soluble rocks Mining, ground workings and natural cavities Natural cavities BritPits	Low (within Moderate ( Very low (within Moderate ( Moderate ( Negligible ( On site	within 50m) within 50m) within 50m) within 50m) o-50m 0	0	0	500-2000m - - 0	





172	18.6	Non-coal mining	0	0	0	0	0	
173	18.7	Mining cavities	0	0	0	0	0	
173	18.8	JPB mining areas	None (with					
173	18.9	Coal mining	None (with					
173	18.10	Brine areas	None (with	in 0m)				
173	18.11	Gypsum areas	None (with	in 0m)				
174	18.12	Tin mining	None (with	in 0m)				
174	18.13	Clay mining	None (with	in 0m)				
Page	Section	Radon						
<u>175</u>	<u>19.1</u>	Radon	Less than 1% (within 0m)					
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m	
<u>176</u>	<u>20.1</u>	BGS Estimated Background Soil Chemistry	23	5	-	-	-	
177	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-	
177	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-	
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m	
178	21.1	Underground railways (London)	0	0	0	-	-	
178	21.2	Underground railways (Non-London)	0	0	0	-	-	
179	21.3	Railway tunnels	0	0	0	-	-	
<u>179</u>	<u>21.4</u>	Historical railway and tunnel features	4	5	5	-	-	
180	21.5	Royal Mail tunnels	0	0	0	-	-	
<u>180</u>	<u>21.6</u>	<u>Historical railways</u>	1	2	0	-	-	
<u>180</u>	<u>21.7</u>	Railways	28	25	2	-	-	
182	21.8	Crossrail 1	0	0	0	0	-	
183	21.9	Crossrail 2	0	0	0	0	-	
183	21.10	HS2	0	0	0	0	-	





# **Recent aerial photograph**



Capture Date: 24/06/2020

Site Area: 121.01ha





# Recent site history - 2017 aerial photograph



Capture Date: 19/09/2017

Site Area: 121.01ha





# Recent site history - 2014 aerial photograph



Capture Date: 27/09/2014

Site Area: 121.01ha





# Recent site history - 2007 aerial photograph



Capture Date: 24/08/2007

Site Area: 121.01ha





# Recent site history - 1999 aerial photograph



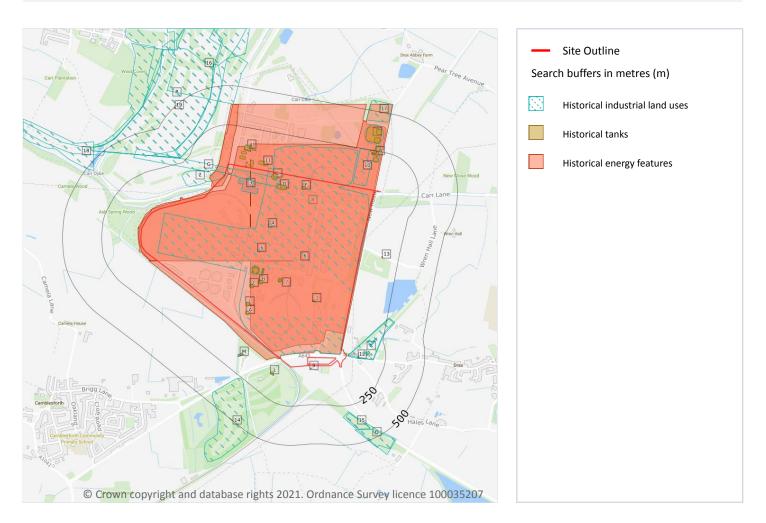
Capture Date: 18/05/1999

Site Area: 121.01ha





# 1 Past land use



#### 1.1 Historical industrial land uses

### Records within 500m 41

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
2	On site	Refuse Heap	1974	1437753





ID	Location	Land use	Dates present	Group ID
3	On site	Settling Ponds	1988	1443726
4	On site	Chimney	1974 - 1988	1498723
5	On site	Chimney	1974 - 1988	1500439
6	On site	Power Station	1974 - 1988	1542669
Α	On site	Unspecified Tanks	1988	1426294
В	On site	Unspecified Tanks	1988	1426296
В	On site	Unspecified Tanks	1974 - 1988	1549354
В	On site	Unspecified Tanks	1974 - 1988	1550005
С	On site	Unspecified Tanks	1988	1426297
D	On site	Unspecified Tanks	1988	1426298
E	On site	Unspecified Tanks	1988	1426299
F	On site	Unspecified Tank	1988	1434870
G	On site	Railway Sidings	1974	1486587
Н	On site	Unspecified Tank	1974 - 1988	1533130
I	On site	Unspecified Tanks	1988	1426295
K	8m E	Railway Sidings	1908	1537914
K	10m E	Railway Sidings	1950 - 1957	1551733
10	19m N	Unspecified Heap	1974 - 1988	1557464
12	66m E	Railway Building	1957	1430198
J	112m N	Sewage Works	1974 - 1988	1541031
M	121m SW	Electricity Substation	1988	1450828
N	124m E	Goods Shed	1950 - 1957	1507524
J	126m N	Unspecified Tank	1974 - 1988	1493863
Ν	127m E	Goods Shed	1908	1491810
K	156m E	Railway Station	1908 - 1950	1476616
K	158m E	Railway Station	1957	1460518
0	183m N	Unspecified Tanks	1974 - 1988	1506650
Р	249m NW	Unspecified Commercial/Industrial	1974	1458315





ID	Location	Land use	Dates present	Group ID
Р	254m NW	Unspecified Commercial/Industrial	1950 - 1957	1460251
14	258m SW	Unspecified Heaps	1974	1439786
Р	281m N	Railway Sidings	1957	1458168
Р	281m N	Railway Sidings	1950	1530171
Q	289m S	Railway Sidings	1957	1545337
R	291m N	Unspecified Tanks	1974 - 1988	1486565
15	300m S	Railway Sidings	1950	1466341
Р	304m NW	Railway Sidings	1974	1458185
16	383m N	Refuse Heap	1988	1437756
Q	412m S	Railway Sidings	1950	1494270
17	435m N	Unspecified Heaps	1974	1439780
18	458m NW	Railway Sidings	1950	1490673

This data is sourced from Ordnance Survey / Groundsure.

#### 1.2 Historical tanks

Records within 500m 55

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

Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Tank	1971 - 1982	233683
Α	On site	Unspecified Tank	1982 - 1984	242812
В	On site	Tanks	1971	232146
В	On site	Tanks	1971	232147
В	On site	Unspecified Tank	1982	227953
В	On site	Unspecified Tank	1982	227954





ID	Location	Land use	Dates present	Group ID
В	On site	Unspecified Tank	1982	227955
В	On site	Unspecified Tank	1982	227956
В	On site	Unspecified Tank	1982	227957
В	On site	Unspecified Tank	1982	227958
В	On site	Unspecified Tank	1982	227960
В	On site	Unspecified Tank	1995	234002
В	On site	Unspecified Tank	1982 - 1994	239247
С	On site	Unspecified Tank	1995	235045
С	On site	Unspecified Tank	1982 - 1994	242381
С	On site	Unspecified Tank	1982 - 1984	248186
D	On site	Tanks	1987 - 1994	244540
E	On site	Unspecified Tank	1994	227785
F	On site	Unspecified Tank	1987 - 1994	241499
Н	On site	Unspecified Tank	1982 - 1994	244371
н	On site	Unspecified Tank	1995	246151
Н	On site	Unspecified Tank	1971	246278
1	On site	Unspecified Tank	1984	239654
1	On site	Unspecified Tank	1982 - 1984	246871
J	4m N	Unspecified Tank	1994	238718
J	6m N	Tanks	1994	232150
J	6m N	Unspecified Tank	1994	234419
9	14m S	Tanks	1971 - 1982	239894
J	24m N	Unspecified Tank	1994	247250
11	30m N	Tanks	1994	232151
J	47m N	Tanks	1994	235203
J	80m N	Tanks	1994	250084
L	95m SW	Unspecified Tank	1982	227963
L	107m SW	Unspecified Tank	1982	227964





ID	Location	Land use	Dates present	Group ID
J	108m N	Tanks	1994	249583
J	113m N	Tanks	1994	232136
J	120m N	Tanks	1987	248678
J	121m N	Unspecified Tank	1971	227784
J	128m N	Tanks	1971	234292
J	128m N	Unspecified Tank	1971 - 1987	241240
0	179m N	Unspecified Tank	1987 - 1994	239220
0	216m N	Tanks	1987 - 1994	234348
0	216m N	Unspecified Tanks	1971	233161
0	223m N	Unspecified Tanks	1971	233158
0	223m N	Tanks	1987 - 1994	239856
0	232m N	Tanks	1987 - 1994	236962
0	244m N	Unspecified Tank	1987 - 1994	234852
0	245m N	Unspecified Tank	1971	243039
0	248m N	Tanks	1987 - 1994	249684
0	249m N	Unspecified Tanks	1971	233160
Ο	250m N	Unspecified Tank	1971 - 1994	248446
R	299m N	Tanks	1987 - 1994	243167
R	300m N	Unspecified Tanks	1971	233165
R	355m N	Unspecified Tanks	1971	233164
19	489m NW	Unspecified Tank	1971	227776

This data is sourced from Ordnance Survey / Groundsure.

# 1.3 Historical energy features

Records within 500m

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





#### Features are displayed on the Past land use map on page 13

ID	Location	Land use	Dates present	Group ID
7	On site	Power Station	1971 - 1987	138048
8	On site	Power Station	1994 - 1995	136930
G	89m NW	Electricity Substation	1971	130697
M	123m SW	Electricity Substation	1982 - 1984	136017
M	123m SW	Electricity Substation	1971 - 1984	134776
13	142m E	Electricity Substation	1971	130703

This data is sourced from Ordnance Survey / Groundsure.

### 1.4 Historical petrol stations

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

### 1.5 Historical garages

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

#### 1.6 Historical military land

Records within 500m 0

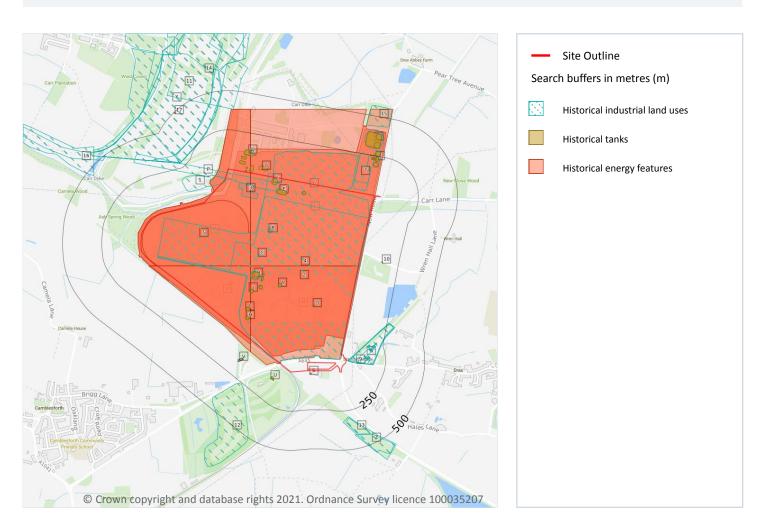
Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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





# 2 Past land use - un-grouped



#### 2.1 Historical industrial land uses

Records within 500m 56

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

Features are displayed on the Past land use - un-grouped map on page 19

ID	Location	Land Use	Date	Group ID
1	On site	Refuse Heap	1974	1437753
2	On site	Power Station	1974	1542669
3	On site	Settling Ponds	1988	1443726





ID	Location	Land Use	Date	Group ID
4	On site	Power Station	1988	1542669
Α	On site	Unspecified Tank	1974	1533130
Α	On site	Unspecified Tank	1988	1533130
В	On site	Chimney	1974	1498723
В	On site	Chimney	1988	1498723
С	On site	Chimney	1974	1500439
С	On site	Chimney	1988	1500439
D	On site	Unspecified Tanks	1974	1550005
D	On site	Unspecified Tanks	1974	1549354
D	On site	Unspecified Tanks	1988	1550005
D	On site	Unspecified Tanks	1988	1549354
D	On site	Unspecified Tanks	1988	1426296
E	On site	Unspecified Tanks	1988	1426298
F	On site	Unspecified Tanks	1988	1426299
G	On site	Unspecified Tank	1988	1434870
Н	On site	Unspecified Tanks	1988	1426294
I	On site	Unspecified Tanks	1988	1426295
J	On site	Unspecified Tanks	1988	1426297
P	On site	Railway Sidings	1974	1486587
R	8m E	Railway Sidings	1908	1537914
R	10m E	Railway Sidings	1950	1551733
R	13m E	Railway Sidings	1957	1551733
Т	19m N	Unspecified Heap	1988	1557464
9	66m E	Railway Building	1957	1430198
Т	69m N	Unspecified Heap	1974	1557464
Q	112m N	Sewage Works	1974	1541031
Q	112m N	Sewage Works	1988	1541031
V	121m SW	Electricity Substation	1988	1450828





ID	Location	Land Use	Date	Group ID
W	124m E	Goods Shed	1950	1507524
Q	126m N	Unspecified Tank	1974	1493863
Q	126m N	Unspecified Tank	1988	1493863
W	127m E	Goods Shed	1908	1491810
W	130m E	Goods Shed	1957	1507524
R	156m E	Railway Station	1950	1476616
R	156m E	Railway Station	1908	1476616
R	158m E	Railway Station	1957	1460518
Χ	183m N	Unspecified Tanks	1988	1506650
Χ	216m N	Unspecified Tanks	1974	1506650
Υ	249m NW	Unspecified Commercial/Industrial	1974	1458315
11	254m NW	Unspecified Commercial/Industrial	1950	1460251
Υ	255m NW	Unspecified Commercial/Industrial	1957	1460251
12	258m SW	Unspecified Heaps	1974	1439786
Υ	281m N	Railway Sidings	1957	1458168
Υ	281m N	Railway Sidings	1950	1530171
Z	289m S	Railway Sidings	1957	1545337
AA	291m N	Unspecified Tanks	1988	1486565
AA	299m N	Unspecified Tanks	1974	1486565
13	300m S	Railway Sidings	1950	1466341
Υ	304m NW	Railway Sidings	1974	1458185
14	383m N	Refuse Heap	1988	1437756
Z	412m S	Railway Sidings	1950	1494270
15	435m N	Unspecified Heaps	1974	1439780
16	458m NW	Railway Sidings	1950	1490673

This data is sourced from Ordnance Survey / Groundsure.





### 2.2 Historical tanks

Records within 500m 84

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

Features are displayed on the Past land use - un-grouped map on page 19

ID	Location	Land Use	Date	Group ID
Α	On site	Unspecified Tank	1995	246151
Α	On site	Unspecified Tank	1982	244371
Α	On site	Unspecified Tank	1994	244371
Α	On site	Unspecified Tank	1971	246278
D	On site	Unspecified Tank	1995	234002
D	On site	Unspecified Tank	1982	227958
D	On site	Unspecified Tank	1982	227957
D	On site	Unspecified Tank	1982	227960
D	On site	Unspecified Tank	1982	227956
D	On site	Unspecified Tank	1982	227953
D	On site	Unspecified Tank	1982	227954
D	On site	Unspecified Tank	1982	227955
D	On site	Unspecified Tank	1982	239247
D	On site	Unspecified Tank	1994	239247
D	On site	Tanks	1971	232146
D	On site	Tanks	1971	232147
E	On site	Tanks	1987	244540
E	On site	Tanks	1994	244540
F	On site	Unspecified Tank	1994	227785
G	On site	Unspecified Tank	1987	241499
G	On site	Unspecified Tank	1994	241499
Н	On site	Unspecified Tank	1982	242812
Н	On site	Unspecified Tank	1984	242812





ID	Location	Land Use	Date	Group ID
Н	On site	Unspecified Tank	1984	242812
I	On site	Unspecified Tank	1982	246871
I	On site	Unspecified Tank	1984	246871
ı	On site	Unspecified Tank	1984	239654
J	On site	Unspecified Tank	1995	235045
J	On site	Unspecified Tank	1982	242381
J	On site	Unspecified Tank	1982	248186
J	On site	Unspecified Tank	1984	248186
J	On site	Unspecified Tank	1994	242381
J	On site	Unspecified Tank	1984	248186
0	On site	Unspecified Tank	1982	233683
0	On site	Unspecified Tank	1971	233683
Q	4m N	Unspecified Tank	1994	238718
Q	4m N	Unspecified Tank	1994	238718
Q	6m N	Tanks	1994	232150
Q	6m N	Unspecified Tank	1994	234419
Q	6m N	Unspecified Tank	1994	234419
S	14m S	Tanks	1982	239894
S	15m S	Tanks	1971	239894
Q	24m N	Unspecified Tank	1994	247250
Q	24m N	Unspecified Tank	1994	247250
8	30m N	Tanks	1994	232151
Q	47m N	Tanks	1994	235203
Q	47m N	Tanks	1994	235203
Q	80m N	Tanks	1994	250084
Q	80m N	Tanks	1994	250084
U	95m SW	Unspecified Tank	1982	227963
U	107m SW	Unspecified Tank	1982	227964





ID	Location	Land Use	Date	Group ID
Q	108m N	Tanks	1994	249583
Q	108m N	Tanks	1994	249583
Q	112m N	Tanks	1994	249583
Q	113m N	Tanks	1994	232136
Q	120m N	Tanks	1987	248678
Q	121m N	Unspecified Tank	1971	227784
Q	128m N	Tanks	1971	234292
Q	128m N	Unspecified Tank	1987	241240
Q	129m N	Unspecified Tank	1971	241240
X	179m N	Unspecified Tank	1987	239220
X	179m N	Unspecified Tank	1994	239220
X	216m N	Tanks	1987	234348
X	216m N	Tanks	1994	234348
X	216m N		1971	233161
		Unspecified Tanks		
X	223m N	Tanks	1987	239856
X	223m N	Tanks	1994	239856
X	223m N	Unspecified Tanks	1971	233158
X	232m N	Tanks	1987	236962
Χ	232m N	Tanks	1994	236962
X	244m N	Unspecified Tank	1987	234852
Х	244m N	Unspecified Tank	1994	234852
Χ	245m N	Unspecified Tank	1971	243039
Χ	248m N	Tanks	1987	249684
Χ	248m N	Tanks	1994	249684
Χ	249m N	Unspecified Tanks	1971	233160
Χ	250m N	Unspecified Tank	1987	248446
Χ	250m N	Unspecified Tank	1994	248446
Χ	251m N	Unspecified Tank	1971	248446





ID	Location	Land Use	Date	Group ID
AA	299m N	Tanks	1987	243167
AA	299m N	Tanks	1994	243167
AA	300m N	Unspecified Tanks	1971	233165
AA	355m N	Unspecified Tanks	1971	233164
17	489m NW	Unspecified Tank	1971	227776

This data is sourced from Ordnance Survey / Groundsure.

## 2.3 Historical energy features

Records within 500m 21

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

Features are displayed on the Past land use - un-grouped map on page 19

ID	Location	Land Use	Date	Group ID
5	On site	Power Station	1971	138048
6	On site	Power Station	1994	136930
7	On site	Power Station	1987	138048
K	On site	Power Station	1982	138048
K	On site	Power Station	1984	138048
K	On site	Power Station	1984	138048
K	On site	Power Station	1971	138048
L	On site	Power Station	1987	138048
L	On site	Power Station	1971	138048
M	On site	Power Station	1995	136930
M	On site	Power Station	1982	138048
M	On site	Power Station	1994	136930
M	On site	Power Station	1971	138048
N	On site	Power Station	1994	136930
N	On site	Power Station	1994	136930





ID	Location	Land Use	Date	Group ID
Р	89m NW	Electricity Substation	1971	130697
V	123m SW	Electricity Substation	1982	136017
V	123m SW	Electricity Substation	1984	136017
V	123m SW	Electricity Substation	1984	134776
V	123m SW	Electricity Substation	1971	134776
10	142m E	Electricity Substation	1971	130703

This data is sourced from Ordnance Survey / Groundsure.

### 2.4 Historical petrol stations

Records within 500m 0

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

This data is sourced from Ordnance Survey / Groundsure.

### 2.5 Historical garages

Records within 500m 0

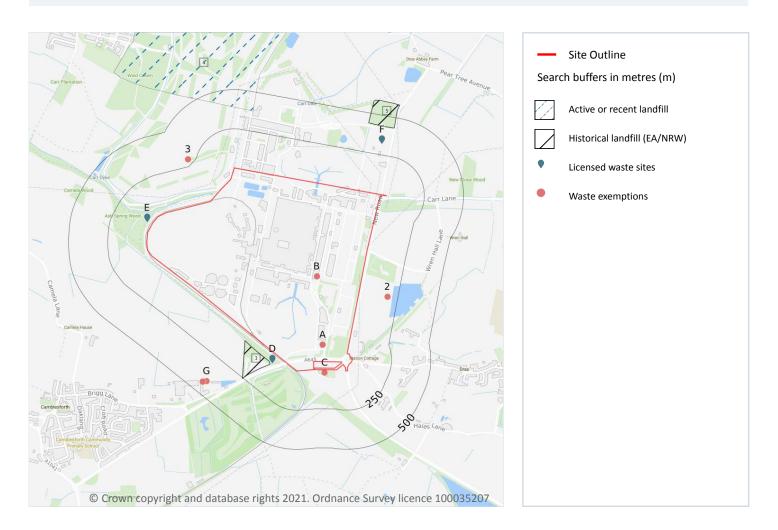
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.





# 3 Waste and landfill



#### 3.1 Active or recent landfill

Records within 500m

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on page 27

ID	Location	Details	
4	379m N	Operator: Drax Power Limited Site Address: DRX Power Station, North Yorkshire, YO8 8PQ	WML Number: 0 EPR Reference: - Landfill type: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Status: Effective IPPC Reference: - EPR Number: -





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

### 3.2 Historical landfill (BGS records)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

## 3.3 Historical landfill (LA/mapping records)

Records within 500m 0

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

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

### 3.4 Historical landfill (EA/NRW records)

Records within 500m 2

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

Features are displayed on the Waste and landfill map on page 27

ID	Location	Details		
1	56m SW	Site Address: Camblesforth Bypass Tip, Drax Power Station, Selby, North Yorkshire Licence Holder Address: Beckwith Knowle, Otley Road, Harrogate	Waste Licence: Yes Site Reference: CEG002, 0700/NYCC/076 Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: YP4/L/CEG002 Licence Issue: 26/10/1978 Licence Surrender: 29/03/1982	Operator: C E G B Licence Holder: C E G B (North Eastern Region) First Recorded 15/08/1978 Last Recorded: 26/03/1982





ID	Location	Details		
5	431m N	Site Address: New Road Landfill Site, Drax Power Station, New Road, Drax, North Yorkshire Licence Holder Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire	Waste Licence: Yes Site Reference: CEG001, 0700/NYCC/075 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: YP4/L/CEG001 Licence Issue: 26/10/1978 Licence Surrender: 31/12/1982	Operator: Central Electricity Genarting Board North Eastern Region Licence Holder: Central Electricity Generating Board, North Eastern Region First Recorded 15/08/1978 Last Recorded: 31/12/1982

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

#### 3.5 Historical waste sites

Records within 500m 0

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

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

#### 3.6 Licensed waste sites

Records within 500m 10

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on page 27

ID	Location	Details		
D	38m SW	Site Name: Camblesforth By-pass Tipping Site Site Address: Drax Power Station, Drax, Selby, North Yorkshire, YO8 8PW Correspondence Address: Beckwith Knowle, Harrogate, North Yorkshire, HG3 1PS	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CEG002 EPR reference: - Operator: C E G B Waste Management licence No: 68649 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired





ID	Location	Details		
D	38m SW	Site Name: Camblesforth By-pass Tipping Site Site Address: Drax Power Station, Drax, Selby, North Yorkshire, YO8 8PW Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG002 EPR reference: EA/EPR/YP3393NE/A001 Operator: C E G B Waste Management licence No: 68649 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
D	38m SW	Site Name: Camblesforth By-pass Tipping Site Site Address: Drax Power Station, Drax, Selby, North Yorkshire, YO8 8PW Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG002 EPR reference: EA/EPR/YP3393NE/A001 Operator: C E G B Waste Management licence No: 68649 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
Е	48m NW	Site Name: Drax Power Station, Coal Stock Area c Site Address: - Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: - Operator: C E G B Waste Management licence No: 68519 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 09/03/1993 Cancelled Date: - Status: Expired
E	48m NW	Site Name: Drax Power Station, Coal Stock Area c Site Address: Drax, Selby, North Yorkshire, YO8 OSB Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/KP3993NZ/A001 Operator: C E G B Waste Management licence No: 68519 Annual Tonnage: 250000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 09/03/1993 Cancelled Date: - Status: Expired





ID	Location	Details		
Е	48m NW	Site Name: Drax Power Station, Coal Stock Area c Site Address: Drax, Selby, North Yorkshire, YO8 0SB Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste Landfill Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/KP3993NZ/A001 Operator: C E G B Waste Management licence No: 68519 Annual Tonnage: 250000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 09/03/1993 Cancelled Date: - Status: Expired
F	346m N	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire Correspondence Address: Beckwith Knowle, Otley Road, Harrogate, North Yorkshire, HG3 1PS	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: - Operator: Cegb (north Eastern Region) Waste Management licence No: 68604 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
F	346m N	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshire Correspondence Address: Beckwith Knowle, Otley Road, Harrogate, North Yorkshire, HG3 1PS	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: - Operator: Cegb (north Eastern Region) Waste Management licence No: 68604 Annual Tonnage: 0	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired





ID	Location	Details		
F	346m N	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshir Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/VP3293NH/A001 Operator: C E G B ( North Eastern Region ) Waste Management licence No: 68604 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired
F	346m N	Site Name: New Road Landfill Site Site Address: Drax Power Station, New Road, Drax, Selby, North Yorkshir Correspondence Address: -	Type of Site: Landfill taking Non-Biodegradeable Wastes Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CEG001 EPR reference: EA/EPR/VP3293NH/A001 Operator: C E G B ( North Eastern Region ) Waste Management licence No: 68604 Annual Tonnage: 150000	Issue Date: 26/10/1978 Effective Date: - Modified: - Surrendered Date: - Expiry Date: 26/03/1982 Cancelled Date: - Status: Expired

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

# 3.7 Waste exemptions

#### Records within 500m

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

Features are displayed on the Waste and landfill map on page 27

ID	Location	Site	Reference	Category	Sub-Category	Description
Α	On site	Drax Power Station SELBY North Yorkshire YO8 8PH	EPR/JE5689VU /A001	Using waste exemption	Non- Agricultural Waste Only	Use of mulch
Α	On site	Drax Power Station SELBY North Yorkshire YO8 8PH	EPR/JE5689VU /A001	Using waste exemption	Non- Agricultural Waste Only	Spreading of plant matter to confer benefit

08444 159 000





ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	DRAX POWER STATION SELBY NORTH YORKSHIRE YO8 8PH	EPR/JF0108SL /A001	Using waste exemption	Non- Agricultural Waste Only	Use of waste in construction
В	On site	DRAX POWER STATION SELBY NORTH YORKSHIRE YO8 8PH	EPR/FE5088VF /A001	Using waste exemption	Non- Agricultural Waste Only	Use of mulch
В	On site	DRAX POWER STATION SELBY NORTH YORKSHIRE YO8 8PH	EPR/FE5088VF /A001	Using waste exemption	Non- Agricultural Waste Only	Spreading of plant matter to confer benefit
С	20m S	DRAX POWER STATION, DRAX, SELBY, YO8 8PJ	WEX225814	Using waste exemption	Not on a farm	Use of waste in construction
С	20m S	DRAX POWER STATION, DRAX, SELBY, YO8 8PJ	WEX225814	Treating waste exemption	Not on a farm	Screening and blending of waste
С	20m S	DRAX POWER STATION, DRAX, SELBY, YO8 8PJ	WEX225814	Storing waste exemption	Not on a farm	Storage of waste in a secure place
С	20m S	DRAX POWER STATION, DRAX, SELBY, YOS 8PJ	WEX169726	Using waste exemption	Not on a farm	Use of waste in construction
С	20m S	DRAX POWER STATION, DRAX, SELBY, YO8 8PJ	WEX169726	Treating waste exemption	Not on a farm	Screening and blending of waste
С	20m S	DRAX POWER STATION, DRAX, SELBY, YO8 8PJ	WEX169726	Storing waste exemption	Not on a farm	Storage of waste in a secure place
2	182m E	SCURFF HALL, DRAX, SELBY, YO8 8PW	WEX018761	Storing waste exemption	On a farm	Storage of sludge
3	286m NW	Hall Garth Farm, Main Street, Birkin, Knottingley, WF11 9LP	WEX102572	Storing waste exemption	On a farm	Storage of sludge
G	412m SW	Camblesforth Grange Brigg Lane North Yorkshire YO88HD	EPR/HF0138S M/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit
G	412m SW	Camblesforth Grange Brigg Lane North Yorkshire YO88HD	EPR/HF0138S M/A001	Using waste exemption	Agricultural Waste Only	Spreading waste on non- agricultural land to confer benefit
G	412m SW	Camblesforth Grange Brigg Lane North Yorkshire YO88HD	EPR/HF0138S M/A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit
G	430m SW	Selby Salads Brigg Lane North Yorkshire YO88HD	EPR/DF0238SS /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on agricultural land to confer benefit





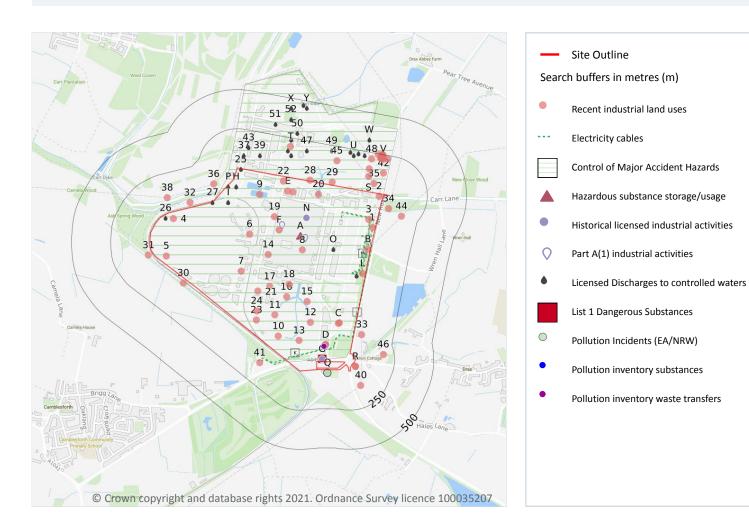
ID	Location	Site	Reference	Category	Sub-Category	Description
G	430m SW	Selby Salads Brigg Lane North Yorkshire YO88HD	EPR/DF0238SS /A001	Using waste exemption	Agricultural Waste Only	Spreading waste on non- agricultural land to confer benefit
G	430m SW	Selby Salads Brigg Lane North Yorkshire YO88HD	EPR/DF0238SS /A001	Using waste exemption	Agricultural Waste Only	Spreading of plant matter to confer benefit

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





# 4 Current industrial land use



#### 4.1 Recent industrial land uses

Records within 250m 69

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 35

ID	Location	Company	Address	Activity	Category
1	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
2	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
3	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities





ID	Location	Company	Address	Activity	Category
4	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
5	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
6	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
7	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
8	On site	Drax Biomass Power Station - Unit 3 - Biomass (dedicated) (DECC)	Near Selby, North Yorkshire, YO8	Energy Production	Industrial Features
9	On site	Settling Pond	North Yorkshire, YO8	Settling, Balancing and Silt Ponds	Bodies of Water
10	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
11	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
12	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
13	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
14	On site	Chimney	North Yorkshire, YO8	Chimneys	Industrial Features
15	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
16	On site	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
17	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
18	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
19	On site	Travelling Crane	North Yorkshire, YO8	Travelling Cranes and Gantries	Industrial Features
20	On site	Tavelling Crane	North Yorkshire, YO8	Travelling Cranes and Gantries	Industrial Features





ID	Location	Company	Address	Activity	Category
21	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
22	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
23	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
24	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
В	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
С	On site	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
С	On site	Mast (Telecomm unication)	North Yorkshire, YO8	Telecommunications Features	Infrastructure and Facilities
D	On site	Power Minerals Ltd	Drax Power Station, Drax, Selby, North Yorkshire, YO8 8PH	Concrete Products	Industrial Products
D	On site	Doosan Babcock	Drax Power Station, Drax, Selby, North Yorkshire, YO8 8PH	Mechanical Engineers	Engineering Services
E	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
Е					
_	On site	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
F	On site On site	Tank Chimney	North Yorkshire, YO8  North Yorkshire, YO8	Tanks (Generic) Chimneys	Industrial Features Industrial Features
			·		
F	On site	Chimney	North Yorkshire, YO8	Chimneys	Industrial Features Infrastructure and
F L	On site	Chimney Pylon Cooling	North Yorkshire, YO8  North Yorkshire, YO8	Chimneys Electrical Features	Industrial Features Infrastructure and Facilities
<b>F L</b> 28	On site On site	Chimney Pylon Cooling Tower Cooling	North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8	Chimneys  Electrical Features  Chimneys	Industrial Features Infrastructure and Facilities Industrial Features
<b>F L</b> 28 29	On site On site 5m N	Chimney Pylon  Cooling Tower  Cooling Tower  Drax Storage	North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  Foster Corner, Main Road, Drax, Selby, North	Chimneys  Electrical Features  Chimneys  Chimneys	Industrial Features Infrastructure and Facilities Industrial Features Industrial Features Transport, Storage
<b>F L</b> 28 29 R	On site On site 5m N 19m N 25m SE	Chimney Pylon  Cooling Tower  Cooling Tower  Drax Storage Solutions  Selby Plant	North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  Foster Corner, Main Road, Drax, Selby, North Yorkshire, YO8 8PA  Foster Corner, Main Road, Drax, Selby, North	Chimneys  Electrical Features  Chimneys  Chimneys  Container and Storage  Construction and Tool	Industrial Features Infrastructure and Facilities Industrial Features Industrial Features Transport, Storage and Delivery
<b>F L</b> 28 29 R	On site On site  5m N  19m N  25m SE	Chimney Pylon  Cooling Tower  Cooling Tower  Drax Storage Solutions  Selby Plant Hire Ltd	North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  Foster Corner, Main Road, Drax, Selby, North Yorkshire, YO8 8PA  Foster Corner, Main Road, Drax, Selby, North Yorkshire, YO8 8PA	Chimneys  Electrical Features  Chimneys  Chimneys  Container and Storage  Construction and Tool Hire	Industrial Features Infrastructure and Facilities Industrial Features Industrial Features Transport, Storage and Delivery Hire Services Infrastructure and
F L 28 29 R R 30	On site On site  5m N  19m N  25m SE  27m SW	Chimney Pylon  Cooling Tower  Cooling Tower  Drax Storage Solutions  Selby Plant Hire Ltd  Pylon	North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  North Yorkshire, YO8  Foster Corner, Main Road, Drax, Selby, North Yorkshire, YO8 8PA  Foster Corner, Main Road, Drax, Selby, North Yorkshire, YO8 8PA  North Yorkshire, YO8	Chimneys  Electrical Features  Chimneys  Chimneys  Container and Storage  Construction and Tool Hire  Electrical Features	Industrial Features Infrastructure and Facilities Industrial Features Industrial Features Transport, Storage and Delivery Hire Services Infrastructure and Facilities Infrastructure and





ID	Location	Company	Address	Activity	Category
33	50m E	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
34	54m E	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
35	59m N	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
36	72m NW	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
38	97m N	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
S	98m N	Slurry Bed	North Yorkshire, YO8	Waste Storage, Processing and Disposal	Infrastructure and Facilities
40	113m SE	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
41	119m SW	Electricity Sub Station	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
42	135m N	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
44	145m E	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
S	147m N	Sludge Lagoons	North Yorkshire, YO8	Waste Storage, Processing and Disposal	Infrastructure and Facilities
45	160m N	Cooling Tower	North Yorkshire, YO8	Chimneys	Industrial Features
46	181m E	Alert Logistics	Station Yard, Pinfold Lane, Drax, Selby, North Yorkshire, YO8 8PD	Distribution and Haulage	Transport, Storage and Delivery
Т	195m N	Pylon	North Yorkshire, YO8	Electrical Features	Infrastructure and Facilities
48	210m N	Slurry Bed	North Yorkshire, YO8	Waste Storage, Processing and Disposal	Infrastructure and Facilities
V	224m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	224m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	225m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	225m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	231m N	Tanks	North Yorkshire, YO8	Tanks (Generic)	Industrial Features





ID	Location	Company	Address	Activity	Category
V	232m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	233m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	233m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	233m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	246m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	248m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	248m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	249m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features
V	249m N	Tank	North Yorkshire, YO8	Tanks (Generic)	Industrial Features

This data is sourced from Ordnance Survey.

# **4.2 Current or recent petrol stations**

Records within 500m 0	
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Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

## 4.3 Electricity cables

High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on page 35

ID	Location	Cable Set	Cable Route	Details	
В	On site	SGT3 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
В	On site	SGT4 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
В	On site	DRAX - 4VJ001 CABLE SECT 02	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified



s with any questions at: Date: 25 August 2021



ID	Location	Cable Set	Cable Route	Details	
В	On site	DRAX - 4VJ001 CABLE SECT 02	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
J	On site	SGT3 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
J	On site	SGT4 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
K	On site	SGT3 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
K	On site	SGT4 66KV CABLE	DRAX 400KV S/S	Cable Make: PIRELLI 66KV X Cable Type: A/C Operating Voltage (kV): 66	Year of installation: 2004 Cable in tunnel? Not specified
L	On site	DRAX - 4VJ001 CABLE SECT 01	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
L	On site	DRAX - 4VJ001 CABLE SECT 01	DRAX - EGGBOROUG H	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
M	On site	THORPE MARSH 400KV CABLE	DRAX 400KV S/S	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified
M	On site	THORPE MARSH 400KV CABLE	DRAX 400KV S/S	Cable Make: BICC 400KV OIL Cable Type: A/C Operating Voltage (kV): 400	Year of installation: 1985 Cable in tunnel? Not specified

This data is sourced from National Grid.

# 4.4 Gas pipelines

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.



Contact us with any questions at: Date: 25 August 2021



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#### 4.5 Sites determined as Contaminated Land

Records within 500m 0

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

This data is sourced from Local Authority records.

### 4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on page 35

ID	Location	Company	Address	Operational status	Tier
D	On site	Cegb	Central Electricity Generating Board (cegb), Drax Power Station, Drax, Selby	Historical NIHHS Site	-
F	On site	Drax Power Limited	Drax Power Limited, Drax Power Station/Drax Power Limited, Drax Power Station, PO Box 3, Selby, North Yorkshire, YO8 8PQ		COMAH Lower Tier Operator

This data is sourced from the Health and Safety Executive.

### 4.7 Regulated explosive sites

Records within 500m 0

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

This data is sourced from the Health and Safety Executive.

### 4.8 Hazardous substance storage/usage

Records within 500m

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

Features are displayed on the Current industrial land use map on page 35



Contact us with any questions at: Date: 25 August 2021

info@groundsure.com 08444 159 000



ID	Location	Details	
Α	On site	Application reference number: 2012/0543/HAZ Application status: Approved Application date: 25/05/2012 Address: Drax Power Station, Selby, North Yorkshire, England, YO8 8PH	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage and use of substances at Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Α	On site	Application reference number: 2012/0543/HAZ Application status: Historical Consent Application date: 25/05/2012 Address: Drax Power Station, New Road Drax, Selby, North Yorkshire, YO8 8PH	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage and use of substances at Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Α	On site	Application reference number: 2011/1039/HAZ Application status: Withdrawn Application date: 13/10/2011 Address: Drax Power Station, New Road Drax, Selby, North Yorkshire, YO8 8PQ	Details: Application for consent under the Planning (Hazardous Substances) Act 1990 for the storage of substances (following reclassification) already in use on the site Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

# 4.9 Historical licensed industrial activities (IPC)

Records within 500m 36

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on page 35

ID	Location	Details	
G	On site	Operator: Aes Drax Power Ltd Address: Drax Power Station, PO Box 3, Selby, North Yorkshire, YO8 8PJ Process: Combustion Processes Permit Number: BV0481	Original Permit Number: IPCMINVAR  Date Approved: -  Effective Date: -  Status: Valid
G	On site	Operator: Aes Drax Power Ltd Address: Drax Power Station, PO Box 3, Selby, North Yorkshire, YO8 8PJ Process: Combustion Processes Permit Number: BY1727	Original Permit Number: IPCMINVAR Date Approved: - Effective Date: - Status: Valid





ID	Location	Details	
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AA2488	Original Permit Number: IPCAIRAPP Date Approved: 8-4-1993 Effective Date: 8-4-1993 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AJ7021	Original Permit Number: IPCMINVAR Date Approved: 20-8-1993 Effective Date: 20-8-1993 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AQ8832	Original Permit Number: IPCMINVAR Date Approved: 28-3-1995 Effective Date: 28-3-1995 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AS8783	Original Permit Number: IPCMINVAR Date Approved: 18-8-1995 Effective Date: 18-8-1995 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AT0915	Original Permit Number: IPCMINVAR Date Approved: 8-3-1996 Effective Date: 25-3-1996 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AW0555	Original Permit Number: IPCMINVAR Date Approved: 27-6-1996 Effective Date: 27-6-1996 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AW9722	Original Permit Number: IPCMAJVAR Date Approved: 6-2-1997 Effective Date: 15-2-1997 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AZ2830	Original Permit Number: IPCMINVAR Date Approved: 28-7-1997 Effective Date: 28-7-1997 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: AZ9885	Original Permit Number: IPCMINVAR Date Approved: 22-12-1997 Effective Date: 1-1-1998 Status: Superseded By Variation





ID	Location	Details	
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BA9002	Original Permit Number: IPCMAJVAR Date Approved: 25-6-1998 Effective Date: 29-6-1998 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BA9959	Original Permit Number: IPCMINVAR Date Approved: 19-10-1998 Effective Date: 2-11-1998 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BC1568	Original Permit Number: IPCMINVAR Date Approved: 10-3-1999 Effective Date: 11-3-1999 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BE4100	Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BF7686	Original Permit Number: IPCMINVAR Date Approved: 31-3-1999 Effective Date: 9-4-1999 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BG3295	Original Permit Number: IPCMINVAR Date Approved: 28-6-1999 Effective Date: 1-7-1999 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BG9951	Original Permit Number: IPCMINVAR Date Approved: 26-1-2000 Effective Date: 1-2-2000 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BH4661	Original Permit Number: IPCMINVAR Date Approved: 29-11-1999 Effective Date: 29-11-1999 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BI4047	Original Permit Number: IPCMINVAR Date Approved: 5-5-2000 Effective Date: 9-5-2000 Status: Superseded By Variation





ID	Location	Details	
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BJ0510	Original Permit Number: IPCMAJVAR Date Approved: 8-6-2001 Effective Date: 14-6-2001 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BR6252	Original Permit Number: IPCMINVAR Date Approved: 8-3-2002 Effective Date: 15-3-2002 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BR7178	Original Permit Number: IPCMINVAR Date Approved: 17-6-2004 Effective Date: 28-6-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BU4449	Original Permit Number: IPCMINVAR Date Approved: 6-5-2003 Effective Date: 6-5-2003 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BV5475	Original Permit Number: IPCMINVAR Date Approved: 21-1-2004 Effective Date: 30-1-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BX4097	Original Permit Number: IPCMINVAR Date Approved: 13-2-2004 Effective Date: 20-2-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BX4542	Original Permit Number: IPCMINVAR Date Approved: 25-2-2004 Effective Date: 1-3-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY0151	Original Permit Number: IPCMINVAR Date Approved: 10-6-2004 Effective Date: 10-6-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY0780	Original Permit Number: IPCMINVAR Date Approved: 1-7-2004 Effective Date: 2-7-2004 Status: Superseded By Variation





ID	Location	Details	
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY6605	Original Permit Number: IPCMINVAR Date Approved: 26-11-2004 Effective Date: 27-11-2004 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BY8853	Original Permit Number: IPCMINVAR Date Approved: 20-4-2005 Effective Date: 2-5-2005 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BZ1471	Original Permit Number: IPCMINVAR Date Approved: 11-5-2005 Effective Date: 16-5-2005 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: BZ8999	Original Permit Number: IPCMINVAR Date Approved: 6-6-2006 Effective Date: 6-6-2006 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CA9368	Original Permit Number: IPCMINVAR Date Approved: 31-10-2006 Effective Date: 31-12-2006 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CB3870	Original Permit Number: IPCMINVAR Date Approved: 6-7-2007 Effective Date: 6-7-2007 Status: Superseded By Variation
N	On site	Operator: Drax Power Ltd Address: Drax Power Station, Selby, North Yorkshire, YO8 8PQ Process: Combustion Processes Permit Number: CB5104	Original Permit Number: IPCMINVAR Date Approved: 11-7-2007 Effective Date: 11-7-2007 Status: Revoked - Now Ippc

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





# 4.10 Licensed industrial activities (Part A(1))

Records within 500m 102

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on page 35

ID	Location	Details	
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED



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ID	Location	Details	
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: KP3137KD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 23/02/2011 Effective Date: 23/02/2011 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: KP3937KC Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/03/2010 Effective Date: 01/03/2010 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: SP3039XR Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 21/12/2007 Effective Date: 21/12/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: VP3530LS Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2007 Effective Date: 30/10/2007 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
Α	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3432ZD Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 11/03/2013 Effective Date: 11/03/2013 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
A	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: EP3736EA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 22/05/2014 Effective Date: 22/05/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: ASSOCIATED PROCESS Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: THE STORAGE OF CHEMICALS IN BULK Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO- CHEMICAL TREATMENT Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: YP3707SL Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION





ID	Location	Details	
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: THE STORAGE OF CHEMICALS IN BULK Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO- CHEMICAL TREATMENT Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE





ID	Location	Details	
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: - Permit Number: UP3305BA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 29/07/2020 Effective Date: 31/07/2020 Last date noted as effective: 01/04/2021 Status: EFFECTIVE
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 15/05/2020 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: YP3707SL Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: YP3707SL Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 15/05/2020 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: YP3707SL Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: YP3707SL Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION





ID	Location	Details	
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: ASSOCIATED PROCESS Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE Permit Number: NP3706PF Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 18/06/2020 Effective Date: 18/06/2020 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO- CHEMICAL TREATMENT Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION
D	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT OF SLAGS AND ASHES Permit Number: CP3402LX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/04/2021 Status: DETERMINATION





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3235AY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/01/2016 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3138DW Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 12/05/2017 Effective Date: 12/05/2017 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: MP3535WN Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/09/2014 Effective Date: 01/10/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: ZP3139QY Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 01/10/2018 Effective Date: 01/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: VP3830QZ Original Permit Number: VP3530LS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION





ID	Location	Details	
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: INORGANIC CHEMICALS; GASES EG AMMONIA Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER WASTE DISPOSAL; NON-HAZARDOUS WASTE >50T/D BY BIOLOGICAL TREATMENT Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: COMBUSTION; ANY FUEL =>50MW Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: XP3538VX Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 19/08/2014 Effective Date: 19/08/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: CP3335QA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 30/10/2018 Effective Date: 30/10/2018 Last date noted as effective: 01/04/2021 Status: SUPERCEDED
F	On site	Operator: DRAX POWER LIMITED Installation Name: DRAX POWER STATION EPR/VP3530LS Process: OTHER MINERAL ACTIVITIES; LOADING, UNLOADING, OR STORING PULVERISED FUEL ASH IN BULK PRIOR TO FURTHER TRANSPORTATION IN BULK Permit Number: HP3631NA Original Permit Number: VP3530LS	EPR Reference: - Issue Date: 25/02/2014 Effective Date: 25/02/2014 Last date noted as effective: 01/04/2021 Status: SUPERCEDED

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





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

Records within 500m 0

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

This data is sourced from Local Authority records.

#### 4.12 Radioactive Substance Authorisations

Records within 500m 0

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

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

# 4.13 Licensed Discharges to controlled waters

Records within 500m 38

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

Features are displayed on the Current industrial land use map on page 35

ID	Location	Address	Details	
25	On site	DRAX POWER STATION, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 1958 Permit Version: 1 Receiving Water: CARR DYKE/LENDALL DR/OUSE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: 18/11/1991
26	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
27	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996





ID	Location	Address	Details	
Н	On site	NATIONAL POWER-DRAX POWER STATION -, OUTLET A- STORM OVERFLOW FROM CO, AL STORE DRAINS BARLOW ASH DISPO, SAL AREA AND ECL GLASSHOUSE DRAI, N	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: QR.27/24/0036 Permit Version: 1 Receiving Water: CARR DYKE - LENDALL DRAIN	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/06/1996 Effective Date: 05/06/1996 Revocation Date: 11/06/1999
Н	On site	NATIONAL POWER-DRAX POWER STATION -, OUTLET A- STORM OVERFLOW FROM CO, AL STORE DRAINS BARLOW ASH DISPO, SAL AREA AND ECL GLASSHOUSE DRAI, N	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: QR.27/24/0036 Permit Version: 1 Receiving Water: CARR DYKE - LENDALL DRAIN	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/06/1996 Effective Date: 05/06/1996 Revocation Date: 11/06/1999
ı	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
I	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3707 Permit Version: 1 Receiving Water: UNKNOWN	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
I	On site	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 2809 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: -
L	On site	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: WRA8370 Permit Version: 1 Receiving Water: LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/09/2004 Effective Date: 27/09/2004 Revocation Date: 20/12/2012
L	On site	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: WRA8370 Permit Version: 2 Receiving Water: LAND	Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -
0	On site	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WRA8370 Permit Version: 1 Receiving Water: LAND	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/09/2004 Effective Date: 27/09/2004 Revocation Date: 20/12/2012





ID	Location	Address	Details	
0	On site	DRAX SUBSTATION, DRAX POWER STATION SITE, DRAX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WRA8370 Permit Version: 2 Receiving Water: LAND	Status: VARIED UNDER EPR 2010 Issue date: 21/12/2012 Effective Date: 21/12/2012 Revocation Date: -
P	On site	NATIONAL POWER DRAX POWER STATION -, OUTLET D- GENERAL SITE DRAINAGE	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: 3706 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
P	On site	NATIONAL POWER DRAX POWER STATION -, OUTLET D- GENERAL SITE DRAINAGE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: 3706 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: 05/06/1996
37	86m N	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 2809 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: -
39	104m N	DRAX POWER STATION, DRAX, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CON1958 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 22/06/1983 Effective Date: 22/06/1983 Revocation Date: -
Т	140m N	READY MIXED CONCRETE DEPOT, DRAX, SELBY	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 2452 Permit Version: 1 Receiving Water: TRIB RIVER OUSE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 06/12/1968 Effective Date: 06/12/1968 Revocation Date: 22/01/1993
Т	140m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
43	141m N	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996





			D 1 11	
ID	Location	Address	Details	
Т	166m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
47	188m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
U	212m N	NATIONAL POWER-DRAX POWER STATION -, LAND DRAIN-OUTLET C- (CLOSED OFF, 1986)	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 2809 Permit Version: 1 Receiving Water: CARR DYKE	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1982 Effective Date: 01/01/1982 Revocation Date: -
49	216m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
U	224m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
U	227m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
U	227m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994





ID	Location	Address	Details	
				S. J. DEVOKED JUNEAU J.
U	228m N	DRAX POWER STATION, (COMPLETION SITE), DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5222 Permit Version: 1 Receiving Water: NORTHERN PERIMETER DRAINS TO C	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 07/04/1994
Т	238m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
Т	238m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
50	285m N	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
51	319m N	DRAX POWER STATION SEWAGE WORKS, DRAX, SELBY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: C5223 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 22/08/1988 Effective Date: 22/08/1988 Revocation Date: 11/04/1994
W	328m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
W	328m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
52	366m N	DRAX POWER STATION, FLUE GAS DESULPHURIASATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5240 Permit Version: 1 Receiving Water: CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996





ID	Location	Address	Details	
X	435m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
Х	435m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
Υ	453m N	DRAX POWER STATION, FLUE GAS DESULPHURISATION AREA, DRAX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: C5239 Permit Version: 1 Receiving Water: TRIB OF CARR DYKE	Status: REVOKED - UNSPECIFIED Issue date: 01/06/1988 Effective Date: 01/06/1988 Revocation Date: 20/02/1996
Υ	469m N	DRAX POWER STATION, SELBY, YORK	Effluent Type: UNSPECIFIED Permit Number: QR.27/24/0012 Permit Version: 1 Receiving Water: CARR DYKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/02/1995 Effective Date: 20/02/1995 Revocation Date: 11/06/1999

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

# 4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

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

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

## 4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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





## **4.16 List 1 Dangerous Substances**

#### Records within 500m

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

Features are displayed on the Current industrial land use map on page 35

ID	Location	Name	Status	Receiving Water	Authorised Substances
G	On site	Aes Drax Power Ltd,selby	Active	Humber, Green Dyke, Ouse	Mercury (other), Cadmium

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

## **4.17 List 2 Dangerous Substances**

Records within 500m

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

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

### 4.18 Pollution Incidents (EA/NRW)

Records within 500m 2

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

Features are displayed on the Current industrial land use map on page 35

ID	Location	Details	
Q	19m S	Incident Date: 12/11/2019 Incident Identification: 1753681 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Q	19m S	Incident Date: 12/11/2019 Incident Identification: 1753681 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

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





## 4.19 Pollution inventory substances

Records within 500m 32

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

Features are displayed on the Current industrial land use map on page 35

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	12992850000kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrous oxide	10000kg	141970kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	Below Reporting Threshold
Air	Anthracene	10kg	Below Reporting Threshold



questions at: Date: 25 August 2021



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Controlled Waters	Cadmium	1kg	Below Reporting Threshold
Controlled Waters	Chlorides - as Cl	2000000kg	Below Reporting Threshold
Controlled Waters	Chromium	20kg	Below Reporting Threshold
Controlled Waters	Fluorides - as F	2000kg	Below Reporting Threshold
Controlled Waters	Lead	20kg	Below Reporting Threshold
Controlled Waters	Mercury	0.1kg	Below Reporting Threshold
Controlled Waters	Zinc	100kg	Below Reporting Threshold

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon Dioxide From Qualifying Renewable Fuel Sources	Okg	12267098000kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	884070kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:



08444 159 000



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM2.5	1000kg	204490kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Naphthalene	100kg	261.87kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

F	Route	Substance	Reporting threshold (kg)	Quantity (kg)
A	Air	Mercury	1kg	344.22kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Benzo(a)pyrene	1kg	4.86kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:





Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Polychlorinated biphenyls (PCBs) - as WHO TEQ	1e-5kg	0.00097kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	43370kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Zinc	100kg	2687.33kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	8172000kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power



Releases:





Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Cadmium	1kg	21.68kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - total	10000kg	470450kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Controlled Waters	Arsenic	5kg	31.06kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Polychlorinated biphenyls (PCBs)	0.1kg	0.54kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power







Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Lead	100kg	107.69kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Controlled Waters	Copper	20kg	133.04kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon monoxide	100000kg	5979000kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Non-methane volatile organic compounds (NMVOCs)	10000kg	149340kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:



08444 159 000



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	2047000kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Selenium	100kg	947.09kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Copper	10kg	132.09kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nickel	10kg	204.9kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:



08444 159 000



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Benzo(b)fluoranthene	1kg	2.92kg
Air	Benzo(k)fluoranthene	1kg	2.92kg
Air	Indeno(1,2,3-cd)pyrene	1kg	2.92kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Methane	10000kg	73410kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Controlled Waters	Nickel	20kg	27.244kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chromium	10kg	140.66kg





ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Arsenic	1kg	82.19kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as ITEQ	1e-5kg	8e-5kg
Air	Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ	1e-5kg	8e-5kg

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW Address: Drax Selby North Yorkshire YO8 8PH Sector Combustion, Sub-sector: Power

Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	380440kg

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

# **4.20 Pollution inventory waste transfers**

Records within 500m 1

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.





#### Features are displayed on the Current industrial land use map on page 35

ID: D, Location: On site, Permit: VP3530LS

Operator: Drax Power Limited

Activity: COMBUSTION; ANY FUEL =>50MW
Address: Drax Selby North Yorkshire YO8 8PH
Sector Combustion, Sub-sector: Power

Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	4253.76	Absolute Value	03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.54	Absolute Value	11 01 14	degreasing wastes other than those mentioned in 11 01 13	No
R4	Recycling/reclamation of metals and metal compounds	110.1	Absolute Value	16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.14	Absolute Value	16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01	No
R5	Recycling/reclamation of other inorganic materials	6.06	Absolute Value	17 01 01	concrete	No
R5	Recycling/reclamation of other inorganic materials	17.5	Absolute Value	17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	No
R4	Recycling/reclamation of metals and metal compounds	92.17	Absolute Value	17 04 05	iron and steel	No
R4	Recycling/reclamation of metals and metal compounds	26.94	Absolute Value	17 04 07	mixed metals	No
R4	Recycling/reclamation of metals and metal compounds	62.28	Absolute Value	17 04 11	cables other than those mentioned in 17 04 10	No





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	199.04	Absolute Value	17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	20.79	Absolute Value	17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01	No
R5	Recycling/reclamation of other inorganic materials	247	Absolute Value	17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	No
R1	Use principally as a fuel or other means to generate energy	0.1	Absolute Value	18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)	No
R4	Recycling/reclamation of metals and metal compounds	15.02	Absolute Value	19 12 03	non-ferrous metal	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	47.9	Absolute Value	19 12 04	plastic and rubber	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	13.36	Absolute Value	20 01 01	paper and cardboard	No
R9	Oil e-refining or other reuses of oil	0.64	Absolute Value	20 01 25	edible oil and fat	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	274.73	Absolute Value	20 01 38	wood other than that mentioned in 20 01 37	No
R5	Recycling/reclamation of other inorganic materials	3692.4	Absolute Value	20 01 39	plastics	No





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	2696.59	Absolute Value	20 01 40	metals	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	73.47	Absolute Value	20 02 01	biodegradable waste	No
R1	Use principally as a fuel or other means to generate energy	687.99	Absolute Value	20 03 01	mixed municipal waste	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	101.78	Absolute Value	20 03 04	septic tank sludge	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	75.24	Absolute Value	20 03 01	mixed municipal waste	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.891	Absolute Value	08 01 12	waste paint and varnish other than those mentioned in 08 01 11	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	2.167	Absolute Value	16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15	No
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.263	Absolute Value	16 05 05	gases in pressure containers other than those mentioned in 16 05 04	No
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.064	Absolute Value	08 03 07	aqueous sludges containing ink	No





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	182564	Absolute Value	10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	18043	Absolute Value	10 01 03	fly ash from peat and untreated wood	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	1987.2	Absolute Value	10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form	No
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	116.74	Absolute Value	10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form	No
R9	Oil e-refining or other reuses of oil	120.8	Absolute Value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	Yes
R9	Oil e-refining or other reuses of oil	6.43	Absolute Value	13 03 07	mineral-based non-chlorinated insulating and heat transmission oils	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	85.092	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
R4	Recycling/reclamation of metals and metal compounds	13	Absolute Value	16 06 01	lead batteries	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	218.66	Absolute Value	16 10 01	aqueous liquid wastes containing dangerous substances	Yes
R1	Use principally as a fuel or other means to generate energy	119.4	Absolute Value	17 02 04	glass, plastic and wood containing or contaminated with dangerous substances	Yes





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R5	Recycling/reclamation of other inorganic materials	7	Absolute Value	17 05 03	soil and stones containing dangerous substances	Yes
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	190.76	Absolute Value	17 06 01	insulation materials containing asbestos	Yes
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	24.46	Absolute Value	17 06 05	construction materials containing asbestos	Yes
R1	Use principally as a fuel or other means to generate energy	0.34	Absolute Value	18 01 03	wastes whose collection and disposal is subject to special requirements in order to prevent infection	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.88	Absolute Value	20 01 14	acids	Yes
R5	Recycling/reclamation of other inorganic materials	2.52	Absolute Value	20 01 21	fluorescent tubes and other mercury-containing waste	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	3.853	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	6.937	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	7.363	Absolute Value	16 03 05	organic wastes containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	2.279	Absolute Value	16 03 05	organic wastes containing dangerous substances	Yes





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.276	Absolute Value	16 03 05	organic wastes containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	13.756	Absolute Value	13 07 01	fuel oil and diesel	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.002	Absolute Value	16 05 04	gases in pressure containers (including halons) containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	3.626	Absolute Value	16 05 04	gases in pressure containers (including halons) containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.259	Absolute Value	20 01 23	discarded equipment containing chlorofluorocarbons	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	7.85	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	5.247	Absolute Value	20 01 35	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.784	Absolute Value	16 03 03	inorganic wastes containing dangerous substances	Yes





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.028	Absolute Value	14 06 02	other halogenated solvents and solvent mixtures	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.032	Absolute Value	14 06 03	other solvents and solvent mixtures	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.037	Absolute Value	14 06 03	other solvents and solvent mixtures	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.203	Absolute Value	13 03 10	other insulating and heat transmission oils	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1.891	Absolute Value	16 01 14	antifreeze fluids containing dangerous substances	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.413	Absolute Value	13 02 08	other engine, gear and lubricating oils	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.344	Absolute Value	13 05 02	sludges from oil/water separators	Yes
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.617	Absolute Value	13 07 03	other fuels (including mixtures)	Yes





Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.128	Absolute Value	08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances	Yes
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.032	Absolute Value	20 01 21	fluorescent tubes and other mercury-containing waste	Yes
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	0.024	Absolute Value	06 02 04	sodium and potassium hydroxide	Yes

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

## **4.21** Pollution inventory radioactive waste

Records within 500m

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

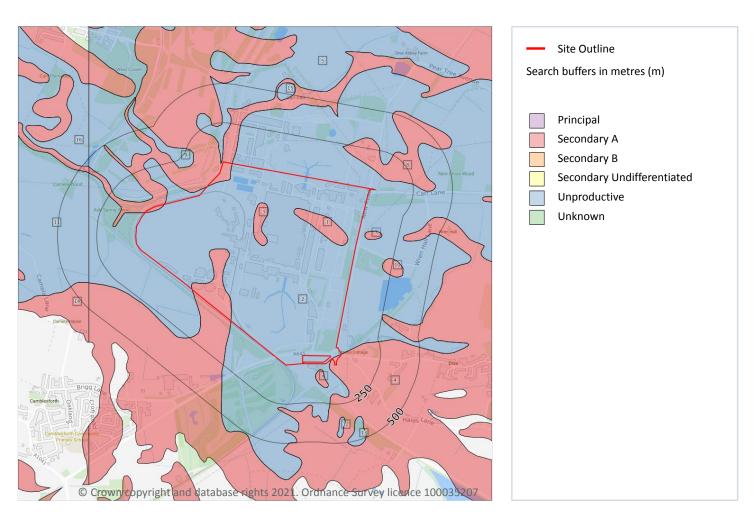
This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

08444 159 000





# **5 Hydrogeology - Superficial aquifer**



## **5.1 Superficial aquifer**

Records within 500m 16

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 87

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow





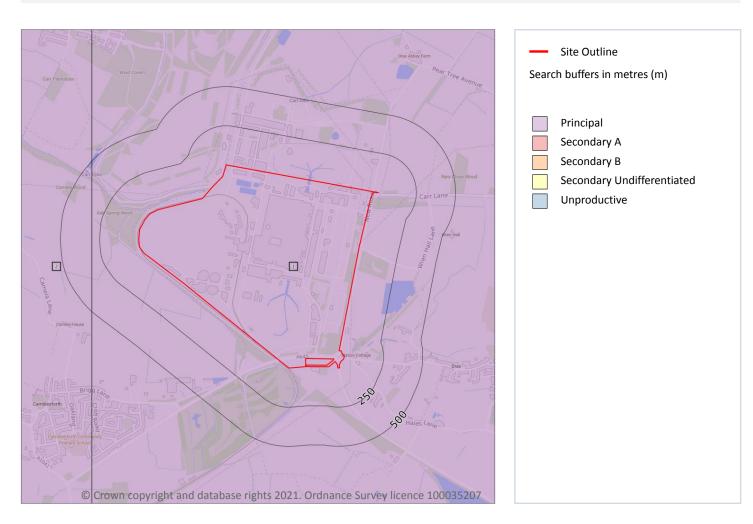
ID	Location	Designation	Description
3	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	11m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	38m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
7	40m E	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
8	94m NE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
9	167m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
10	191m E	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
11	300m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
12	336m S	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
13	358m SE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
14	391m SW	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
15	453m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
16	464m NW	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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





# **Bedrock aquifer**



# **5.2 Bedrock aquifer**

Records within 500m 2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 89

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	300m W	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers



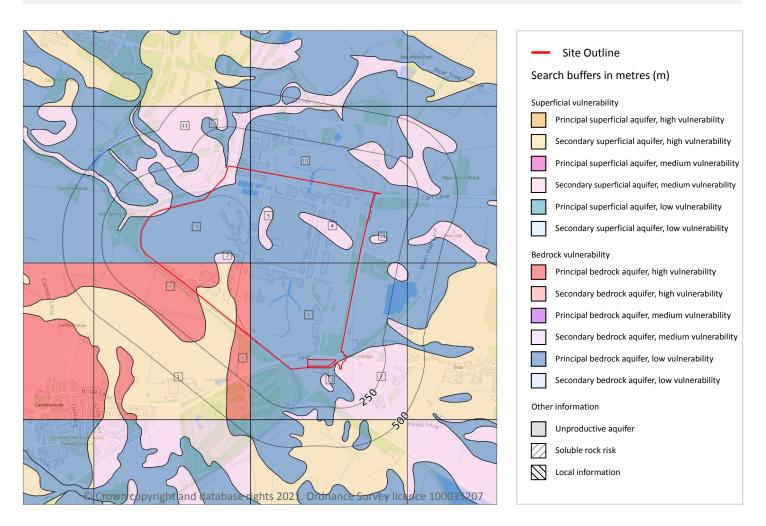


This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.





# **Groundwater vulnerability**



## 5.3 Groundwater vulnerability

Records within 50m 14

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

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

Features are displayed on the Groundwater vulnerability map on page 91





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: High Aquifer type: Principal Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
5	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
6	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: High Aquifer type: Principal Flow mechanism: Mixed
7	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: Low	Vulnerability: High Aquifer type: Principal Flow mechanism: Mixed





ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
8	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
9	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
10	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
11	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification:	Leaching class: Low Infiltration value: 40- 70% Dilution value:	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90%	Vulnerability: Low Aquifer type: Principal
		Productive Bedrock Aquifer, Productive Superficial Aquifer	<300mm/year	Recharge potential: Low	Flow mechanism: Mixed
12	10m W	Productive Bedrock Aquifer,			
12	10m W	Productive Bedrock Aquifer, Productive Superficial Aquifer  Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial	<300mm/year  Leaching class: Low Infiltration value: 40- 70% Dilution value:	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: >10m Patchiness value: >90%	Mixed  Vulnerability: Low Aquifer type: Principal Flow mechanism:





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

### 5.4 Groundwater vulnerability- soluble rock risk

Records on site 0

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

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

### 5.5 Groundwater vulnerability- local information

Records on site 0

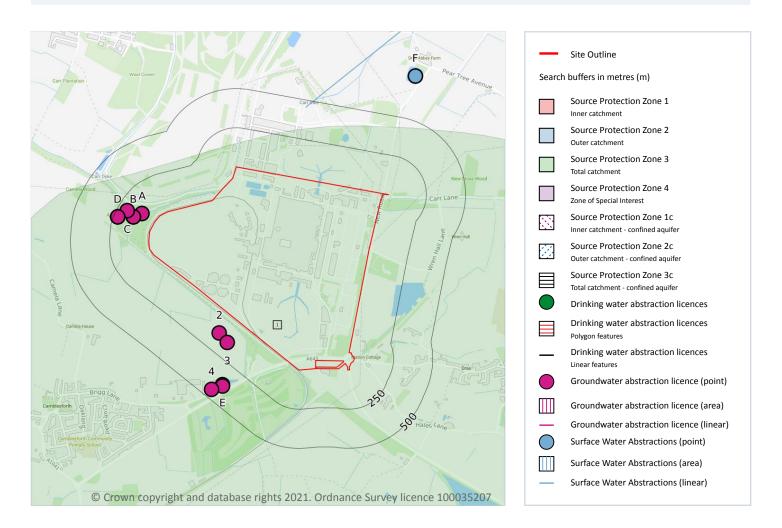
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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

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





### **Abstractions and Source Protection Zones**



### 5.6 Groundwater abstractions

Records within 2000m 25

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

Features are displayed on the Abstractions and Source Protection Zones map on page 95

info@groundsure.com 08444 159 000





ID	Location	Details	
Α	96m NW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
A	96m NW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465257 Northing: 427321	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
2	133m SW	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465750 Northing: 426560	Annual Volume (m³): 68,190 Max Daily Volume (m³): 303 Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -
В	136m NW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 Data Type: Point Name: AES DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -





ID	Location	Details	
В	136m NW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): 2300000 Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -
В	136m NW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
В	136m NW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO2 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465200 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
3	148m SW	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465800 Northing: 426500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -





ID	Location	Details	
С	188m NW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
С	188m NW	Status: Active Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465162 Northing: 427340	Annual Volume (m³): 2,300,000 Max Daily Volume (m³): 11,300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 107 Version Start Date: 19/11/2014 Version End Date: -
D	224m NW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 Data Type: Point Name: AES DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 102 Version Start Date: 22/11/2000 Version End Date: -
D	224m NW	Status: Historical Licence No: 2/27/24/199 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO 1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): 2300000 Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 104 Version Start Date: 01/08/2005 Version End Date: -



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ID	Location	Details	
D	224m NW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
D	224m NW	Status: Historical Licence No: 2/27/24/199 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: GROUNDWATERS Point: BOREHOLE NO1 - SHERWOOD SANDSTONE - DRAX Data Type: Point Name: DRAX POWER LTD Easting: 465100 Northing: 427300	Annual Volume (m³): - Max Daily Volume (m³): 11300 Original Application No: - Original Start Date: 20/07/1981 Expiry Date: - Issue No: 106 Version Start Date: 06/01/2012 Version End Date: -
E	377m SW	Status: Active Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: APS Growers Ltd Easting: 465770 Northing: 426230	Annual Volume (m³): 68,190 Max Daily Volume (m³): 303 Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 104 Version Start Date: 09/04/2020 Version End Date: -
E	385m SW	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - CAMBLESFORTH Data Type: Point Name: SELBY SALADS LTD Easting: 465770 Northing: 426220	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 101 Version Start Date: 01/11/2001 Version End Date: -



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ID	Location	Details	
4	445m SW	Status: Historical Licence No: 2/27/24/197 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE Data Type: Point Name: ENGLISH VILLAGE SALADS LTD Easting: 465700 Northing: 426200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 12/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 02/06/1998 Version End Date: -
F	776m N	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: DRAX ABBEY FISH POND - SUPERFICIAL DRIFT - SELBY Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -
-	977m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 6 Version Start Date: 04/11/2013 Version End Date: -
-	977m W	Status: Active Licence No: NE/027/0024/003/R01 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464323 Northing: 427187	Annual Volume (m³): 70,000 Max Daily Volume (m³): 1,342 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 4 Version Start Date: 19/09/2019 Version End Date: -
-	980m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 23/07/2009 Version End Date: -







ID	Location	Details	
-	980m W	Status: Historical Licence No: NE/027/0024/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE - SHERWOOD SANDSTONE - ADJ LOW FARM Data Type: Point Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 464320 Northing: 427180	Annual Volume (m³): 50000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 23/07/2009 Expiry Date: 31/03/2015 Issue No: 4 Version Start Date: 29/07/2011 Version End Date: -
-	1966m NW	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BARLOW HALL BOREHOLE - SHERWOOD SANDSTONE Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65000 Max Daily Volume (m³): 2000 Original Application No: - Original Start Date: 14/08/2009 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 22/10/2012 Version End Date: -
-	1966m NW	Status: Historical Licence No: NE/027/0028/003 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 32500  Max Daily Volume (m³): 2000  Original Application No: -  Original Start Date: 14/08/2009  Expiry Date: 31/03/2015  Issue No: 3  Version Start Date: 17/07/2014  Version End Date: -
-	1966m NW	Status: Active Licence No: NE/027/0024/055 Details: Spray Irrigation - Direct Direct Source: GROUNDWATERS Point: BOREHOLE A- SHERWOOD SANDSTONE - BARLOW HALL Data Type: Point Name: PLATT Easting: 464440 Northing: 429040	Annual Volume (m³): 65,000 Max Daily Volume (m³): 3,700 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -

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





### **5.7 Surface water abstractions**

Records within 2000m 11

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

Features are displayed on the Abstractions and Source Protection Zones map on page 95

ID	Location	Details	
5	453m N	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: CARR DYKE/LENDALL DRAIN Data Type: Line Name: WATSON Easting: 466300 Northing: 428000	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
F	776m N	Status: Historical Licence No: 2/27/24/195 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: DRAX ABBEY FISH POND Data Type: Point Name: WATSON Easting: 467000 Northing: 428200	Annual Volume (m³): 10000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 10/09/1980 Version End Date: -
-	1080m N	Status: Historical Licence No: NE/027/0024/050 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 10/07/2013 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 10/07/2013 Version End Date: -
-	1080m N	Status: Active Licence No: NE/027/0024/050/R01 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: LENDALL DRAIN AT DRAX ABBEY FARM Data Type: Line Name: THE HAMBLETON ABSTRACTION PARTNERSHIP Easting: 466998 Northing: 428510	Annual Volume (m³): 45,000 Max Daily Volume (m³): 900 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -







ID	Location	Details	
-	1393m NE	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 466300 Northing: 430300	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -
-	1467m NE	Status: Historical Licence No: 2/27/24/155 Details: Process water Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: AES DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 101 Version Start Date: 01/12/1999 Version End Date: -
-	1467m NE	Status: Historical Licence No: 2/27/24/155 Details: Boiler Feed Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
-	1467m NE	Status: Historical Licence No: 2/27/24/155 Details: General use relating to Secondary Category (Medium Loss) Direct Source: SURFACE WATER Point: TIDAL RIVER OUSE - LONG DRAX Data Type: Point Name: DRAX POWER LTD Easting: 467580 Northing: 428700	Annual Volume (m³): 96230000 Max Daily Volume (m³): 484000 Original Application No: - Original Start Date: 17/12/1969 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2003 Version End Date: -
-	1681m E	Status: Historical Licence No: 2/27/24/194 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER OUSE Data Type: Line Name: WATSON Easting: 468520 Northing: 427500	Annual Volume (m³): 41000 Max Daily Volume (m³): 820 Original Application No: - Original Start Date: 10/09/1980 Expiry Date: - Issue No: 100 Version Start Date: 11/09/1991 Version End Date: -





ID	Location	Details	
-	1899m NE	Status: Historical Licence No: 2/27/28/275 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 25000 Max Daily Volume (m³): 1440 Original Application No: - Original Start Date: 01/04/2007 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 18/02/2011 Version End Date: -
-	1899m NE	Status: Active Licence No: NE/027/0028/048 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER Point: RIVER DERWENT - NEAR WRESSLE Data Type: Point Name: R H FALKINGHAM & SON Easting: 468194 Northing: 428757	Annual Volume (m³): 40,000 Max Daily Volume (m³): 1,440 Original Application No: - Original Start Date: 02/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/04/2013 Version End Date: -

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

### 5.8 Potable abstractions

Records within 2000m 0

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

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

### **5.9 Source Protection Zones**

Records within 500m

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on page 95

ID	Location	Туре	Description
1	On site	3	Total catchment

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







### **5.10 Source Protection Zones (confined aquifer)**

Records within 500m 0

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

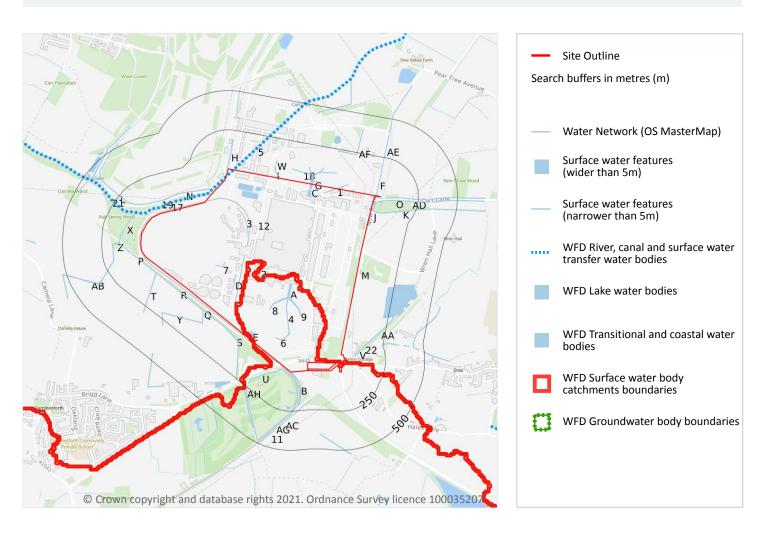
This data is sourced from the Environment Agency and Natural Resources Wales.







# **6 Hydrology**



## **6.1 Water Network (OS MasterMap)**

Records within 250m 73

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

Features are displayed on the Hydrology map on page 106

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







ID	Location	Type of water feature	Ground level	Permanence	Name
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dike
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
8	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Α	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
В	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
С	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Н	6m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	7m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	12m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	12m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	12m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	12m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	14m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	15m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
K	15m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	18m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
M	20m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
17	22m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dyke
N	28m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
0	31m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	32m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	32m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Р	38m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	38m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	40m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Ο	40m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	40m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-







ID	Location	Type of water feature	Ground level	Permanence	Name
Т	41m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	43m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	47m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	47m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	48m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	55m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	55m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	59m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	79m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
L	79m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	82m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	82m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	82m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
Q	92m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Χ	101m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	101m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
21	106m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Carr Dyke
Q	109m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Υ	109m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
В	120m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	129m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	136m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AA	142m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	179m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Z	181m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	184m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-





ID	Location	Type of water feature	Ground level	Permanence	Name
AD	203m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AD	208m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	214m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	222m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	236m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AG	240m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
АН	243m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

### **6.2 Surface water features**

Records within 250m 37

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

Features are displayed on the Hydrology map on page 106

This data is sourced from the Ordnance Survey.

## **6.3 WFD Surface water body catchments**

Records on site 2

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





### Features are displayed on the Hydrology map on page 106

ID	Location	Туре	Water body catchment	Water body ID	Operational catchment	Management catchment
11	On site	River WB catchment	Aire from River Calder to River Ouse	GB104027062760	Lower Aire	Aire and Calder
12	On site	River WB catchment	Ouse from R Wharfe to Upper Humber	GB104027064270	Lower Ouse Yorkshire	Wharfe and Lower Ouse

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

### 6.4 WFD Surface water bodies

Records identified 2

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

Features are displayed on the Hydrology map on page 106

ID	Location	Туре	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
10	On site	River	Ouse from R Wharfe to Upper Humber	GB104027064270	Moderate	Fail	Moderate	2016
-	2762m SE	River	Aire from River Calder to River Ouse	GB104027062760	Moderate	Fail	Moderate	2016

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

### 6.5 WFD Groundwater bodies

Records on site 1

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

Features are displayed on the Hydrology map on page 106





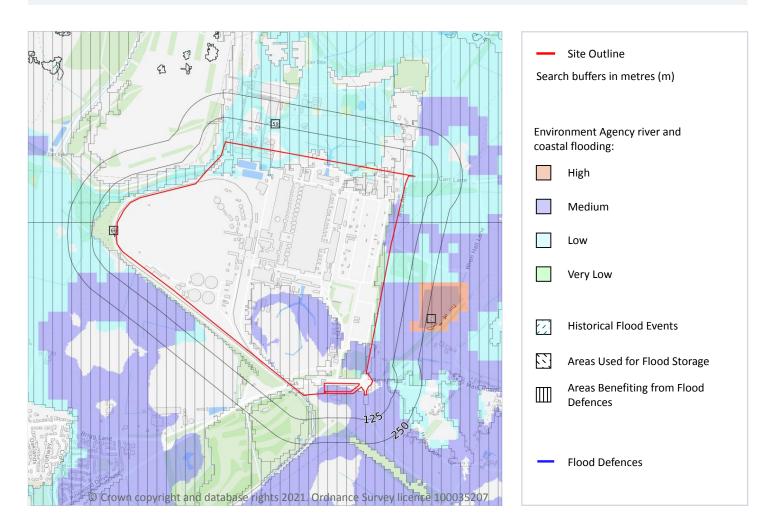
ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Wharfe & Lower Ouse Sherwood Sandstone	GB40401G702400	Poor	Poor	Poor	2015

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





# 7 River and coastal flooding



## 7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m 88

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on page 115

Distance	RoFRaS flood risk
On site	Medium
0 - 50m	Medium





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

#### 7.2 Historical Flood Events

Records within 250m 1

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

Features are displayed on the River and coastal flooding map on page 115

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
66	5m W	Yorkshire	2015-12-31 2015-12-31	Unclassified	Unclassified	No data

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

### 7.3 Flood Defences

Records within 250m 0

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

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

### 7.4 Areas Benefiting from Flood Defences

Records within 250m 2

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

Features are displayed on the River and coastal flooding map on page 115

ID	Location	
2	On site	Area benefiting from flood defences
59	On site	Area benefiting from flood defences

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





## 7.5 Flood Storage Areas

Records within 250m 0

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

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





# **River and coastal flooding - Flood Zones**



### 7.6 Flood Zone 2

Records within 50m 1

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

Features are displayed on the River and coastal flooding map on page 115

Location Type
On site Zone 2 - (Fluvial /Tidal Models)

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





#### 7.7 Flood Zone 3

Records within 50m

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

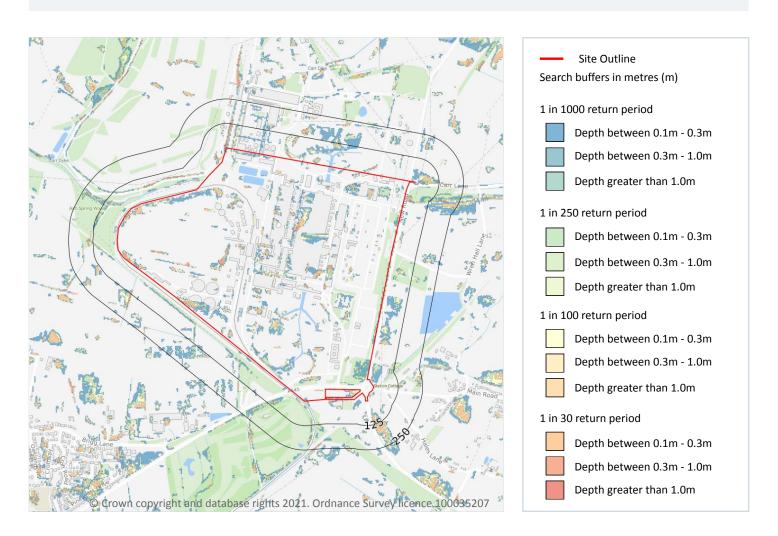
Features are displayed on the River and coastal flooding map on page 115

Location	Туре	
On site	Zone 3 - (Fluvial Models)	

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



# 8 Surface water flooding



### 8.1 Surface water flooding

Highest risk on site 1 in 30 year, 0.3m - 1.0m

#### Highest risk within 50m

#### 1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on page 120

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





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

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

This data is sourced from Ambiental Risk Analytics.





# 9 Groundwater flooding



### 9.1 Groundwater flooding

Highest risk on site	High
Highest risk within 50m	High

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

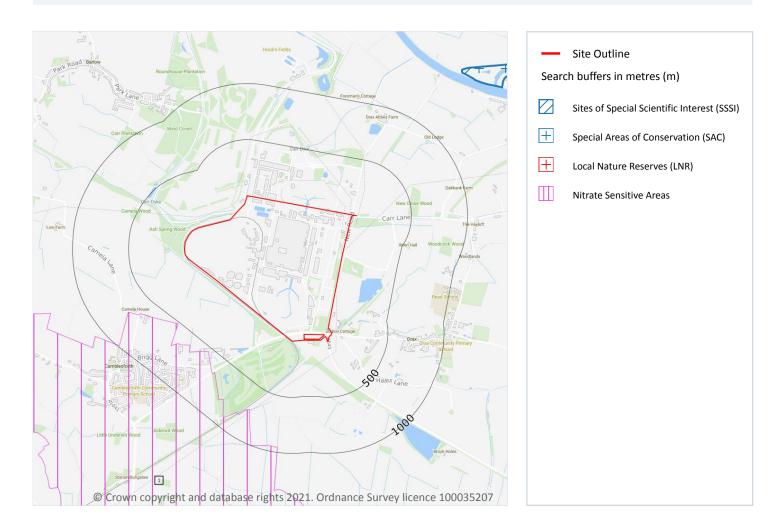
Features are displayed on the Groundwater flooding map on page 122

This data is sourced from Ambiental Risk Analytics.





# 10 Environmental designations



### 10.1 Sites of Special Scientific Interest (SSSI)

#### Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 123

ID	Location	Name	Data source
Α	1589m NE	River Derwent	Natural England





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

#### 10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m 0

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

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

### 10.3 Special Areas of Conservation (SAC)

Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 123

ID	Location	Name	Features of interest	Habitat description	Data source
А	1589m NE	River Derwe nt	Rivers with floating vegetation often dominated by water-crowfoot; Sea lamprey; Brook lamprey; River lamprey; Atlantic salmon; Bullhead; White-clawed (or Atlantic stream) crayfish; Otter.	Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland	Natural England

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

# 10.4 Special Protection Areas (SPA)

Records within 2000m 0

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

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





#### 10.5 National Nature Reserves (NNR)

Records within 2000m 0

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

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

#### 10.6 Local Nature Reserves (LNR)

Records within 2000m 0

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

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

### 10.7 Designated Ancient Woodland

Records within 2000m 0

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

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

#### **10.8 Biosphere Reserves**

Records within 2000m 0

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

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





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#### 10.9 Forest Parks

Records within 2000m

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

This data is sourced from the Forestry Commission.

#### 10.10 Marine Conservation Zones

Records within 2000m 0

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

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

#### 10.11 Green Belt

Records within 2000m 0

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

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

#### **10.12 Proposed Ramsar sites**

Records within 2000m 0

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

This data is sourced from Natural England.

#### 10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m 0

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

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





#### **10.14 Potential Special Protection Areas (pSPA)**

#### Records within 2000m 0

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

This data is sourced from Natural England.

#### 10.15 Nitrate Sensitive Areas

#### Records within 2000m 1

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

Features are displayed on the Environmental designations map on page 123

ID	Location	Name	Data source
1	515m SW	Carlton	Natural England

This data is sourced from Natural England.

#### 10.16 Nitrate Vulnerable Zones

#### Records within 2000m

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

Location	Name	Туре	NVZ ID	Status
14m SW	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing
340m S	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing
1208m W	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing
1640m SW	Aire from River Calder to River Ouse NVZ	Surface Water	S274	Existing



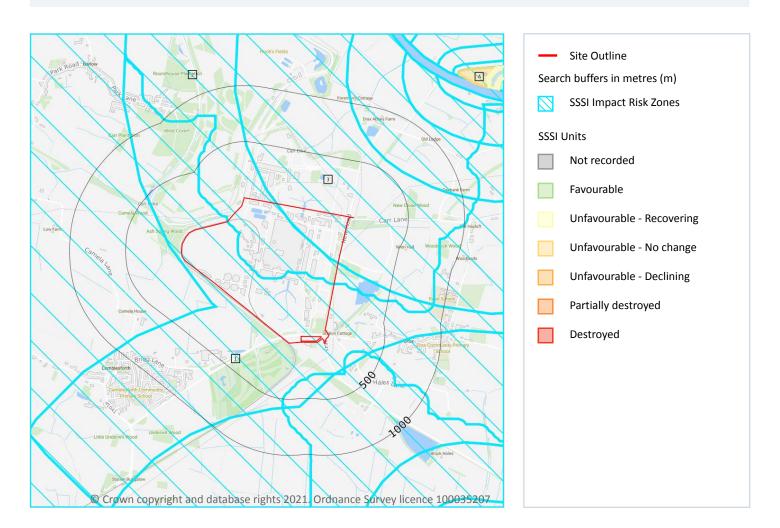


This data is sourced from Natural England and Natural Resources Wales.





# **SSSI Impact Zones and Units**



### 10.17 SSSI Impact Risk Zones

Records on site 3

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

Features are displayed on the SSSI Impact Zones and Units map on page 129





ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t) Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)
2	On site	Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 750m² & manure stores > 3500t) Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location).





ID	Location	Type of developments requiring consultation
3	On site	Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location). Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more.

This data is sourced from Natural England.

#### 10.18 SSSI Units

Records within 2000m 2

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

Features are displayed on the SSSI Impact Zones and Units map on page 129

ID: A

Location: 1589m NE
SSSI name: River Derwent
Unit name: Barmby Barrage

Broad habitat: Standing Open Water And Canals

Condition: Unfavourable - No change

Reportable features:





Feature name	Feature condition	Date of assessment
Otter, Lutra lutra	Favourable	25/06/2015
Outstanding dragonfly assemblage	Favourable	04/12/2017
River supporting habitat	Unfavourable - No change	25/06/2015
S1355 Otter, Lutra lutra	Favourable	25/06/2015

ID: 23

Location: 1682m NE SSSI name: River Derwent

Unit name: Confluence With The Beck To Barmby Barrage

Broad habitat: Rivers And Streams

Condition: Unfavourable - Recovering

Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Bewick's swan, Cygnus columbianus bewickii	Favourable	07/03/2018
Assemblages of breeding birds - Mixed	Favourable	03/03/2017
H3260 Water courses of plain to montane levels with R. fluitantis	Unfavourable - Recovering	26/03/2010
Otter, Lutra lutra	Favourable	01/03/2011
Outstanding dragonfly assemblage	Favourable	04/12/2017
Rivers and Streams	Unfavourable - Recovering	01/03/2010
S1095 Sea lamprey, Petromyzon marinus	Unfavourable - Recovering	26/03/2010
S1099 River lamprey, Lampetra fluviatilis	Unfavourable - Recovering	26/03/2010
S1163 Bullhead, Cottus gobio	Unfavourable - Recovering	26/03/2010
S1355 Otter, Lutra lutra	Favourable	26/03/2010

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





# 11 Visual and cultural designations

#### 11.1 World Heritage Sites

Records within 250m 0

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

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

### 11.2 Area of Outstanding Natural Beauty

Records within 250m 0

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

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

#### 11.3 National Parks

Records within 250m 0

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

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

# 11.4 Listed Buildings

Records within 250m 0

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





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

#### 11.5 Conservation Areas

Records within 250m

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

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

#### 11.6 Scheduled Ancient Monuments

Records within 250m 0

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

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

#### 11.7 Registered Parks and Gardens

Records within 250m 0

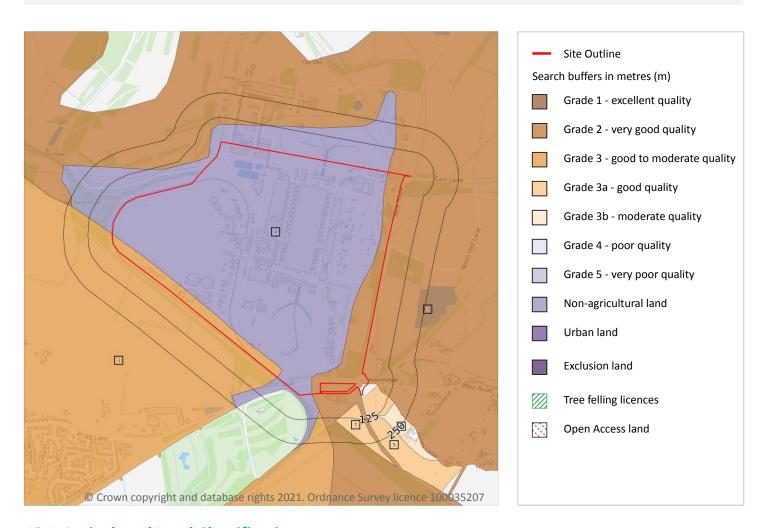
Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the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

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





# 12 Agricultural designations



### 12.1 Agricultural Land Classification

**Records within 250m** 6

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

Features are displayed on the Agricultural designations map on page 135





ID	Location	Classification	Description
2	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
3	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.
4	On site	Non Agricultural	-
5	12m SE	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields
		Grade 3d	of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
7	43m SW	Grade 3a	crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding

This data is sourced from Natural England.

#### 12.2 Open Access Land

#### Records within 250m 0

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

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

### **12.3 Tree Felling Licences**

#### Records within 250m 0

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





This data is sourced from the Forestry Commission.

### 12.4 Environmental Stewardship Schemes

Records within 250m 0

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

This data is sourced from Natural England.

### 12.5 Countryside Stewardship Schemes

Records within 250m 5

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

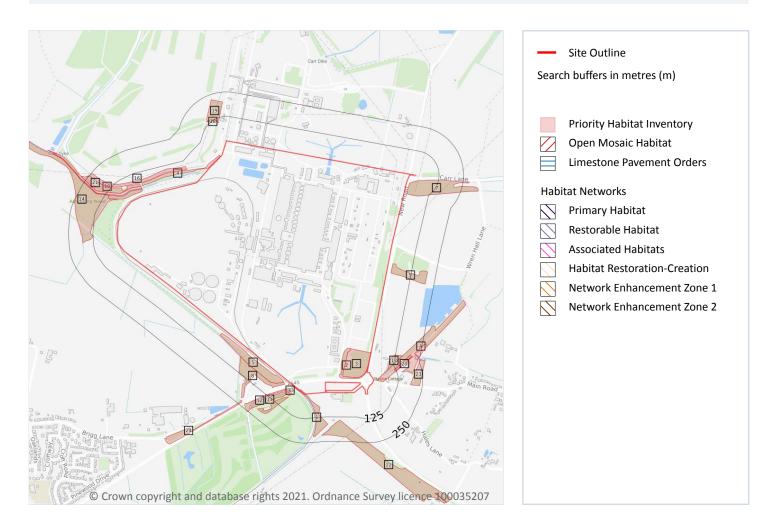
Location	Reference	Scheme	Start Date	End Date
6m NE	561601	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
12m SE	490996	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
49m SE	490996	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
205m E	490996	Countryside Stewardship (Middle Tier)	01/01/2017	31/12/2021
217m S	1004455	Countryside Stewardship (Middle Tier)	01/01/2021	31/12/2025

This data is sourced from Natural England.





# 13 Habitat designations



# **13.1 Priority Habitat Inventory**

Records within 250m 26

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

Features are displayed on the Habitat designations map on page 138

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	2m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)





ID	Location	Main Habitat	Other habitats
5	14m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	15m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	15m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
А	15m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	19m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	23m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
10	24m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	37m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	45m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	53m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	58m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
15	63m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
16	71m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
17	85m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
18	101m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
19	112m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
20	118m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
21	139m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
22	141m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
23	189m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
Α	221m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
24	226m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

#### **13.2 Habitat Networks**

Records within 250m

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

This data is sourced from Natural England.





### 13.3 Open Mosaic Habitat

Records within 250m 0

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

This data is sourced from Natural England.

#### 13.4 Limestone Pavement Orders

Records within 250m 0

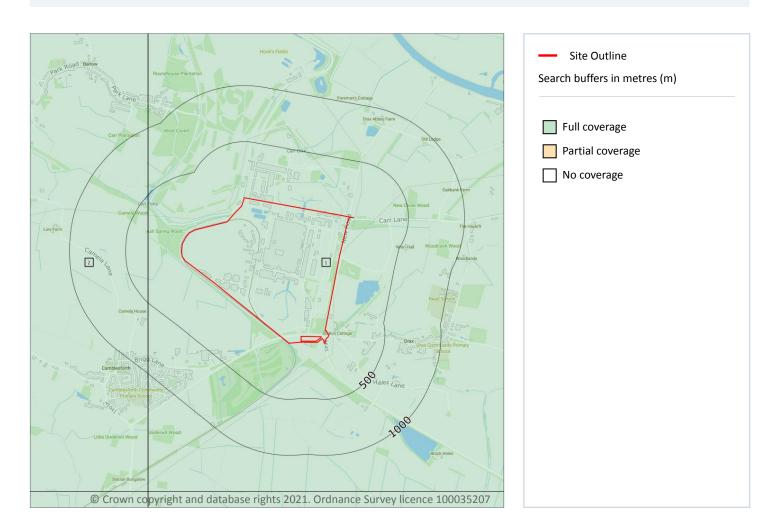
Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened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

This data is sourced from Natural England.





# 14 Geology 1:10,000 scale - Availability



# 14.1 10k Availability

#### Records within 500m 2

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

Features are displayed on the Geology 1:10,000 scale - Availability map on page 141

info@groundsure.com 08444 159 000

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	SE62NE
2	300m W	No coverage	Full	Full	No coverage	SE62NW

This data is sourced from the British Geological Survey.



Contact us with any questions at:



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

# 14.2 Artificial and made ground (10k)

Records within 500m 0

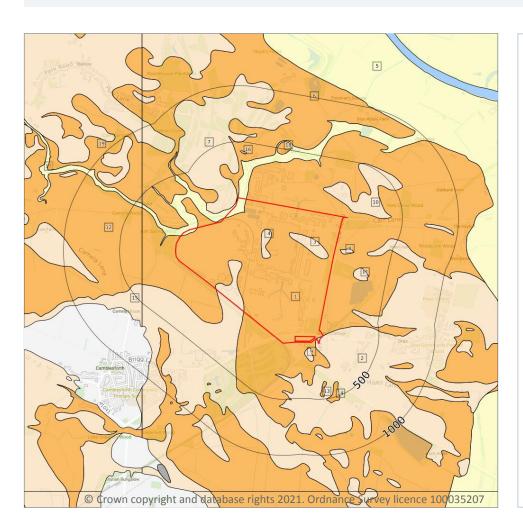
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.





# Geology 1:10,000 scale - Superficial



Site OutlineSearch buffers in metres (m)

Landslip (10k)

Superficial geology (10k) Please see table for more details.

# 14.3 Superficial geology (10k)

#### Records within 500m

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on page 143

ID	Location	LEX Code	Description	Rock description
1	On site	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
2	On site	BREI-S	Breighton Sand Formation - Sand	Sand
3	On site	BREI-S	Breighton Sand Formation - Sand	Sand
4	On site	BREI-S	Breighton Sand Formation - Sand	Sand





ID	Location	LEX Code	Description	Rock description
5	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
6	3m W	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
7	8m W	BREI-S	Breighton Sand Formation - Sand	Sand
8	46m E	BREI-S	Breighton Sand Formation - Sand	Sand
9	51m S	BREI-S	Breighton Sand Formation - Sand	Sand
10	77m NE	BREI-S	Breighton Sand Formation - Sand	Sand
11	204m E	BREI-S	Breighton Sand Formation - Sand	Sand
12	300m W	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
13	345m S	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
14	375m SE	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
15	391m SW	BREI-S	Breighton Sand Formation - Sand	Sand
16	395m N	BREI-S	Breighton Sand Formation - Sand	Sand
17	428m NW	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
18	450m N	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty
19	451m NW	HEM-CZ	Hemingbrough Glaciolacustrine Formation - Silty Clay	Clay, Silty

This data is sourced from the British Geological Survey.

# 14.4 Landslip (10k)

Records within 500m 0

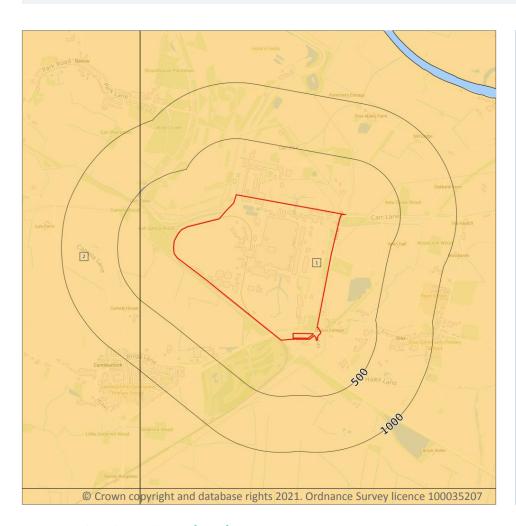
Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.





# Geology 1:10,000 scale - Bedrock



Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)

Please see table for more details.

# 14.5 Bedrock geology (10k)

#### Records within 500m 2

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on page 145

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]
2	300m W	SSG-SDST	Sherwood Sandstone Group - Sandstone	Ladinian Age - Late Permian Epoch [Obsolete name]

This data is sourced from the British Geological Survey.





# 14.6 Bedrock faults and other linear features (10k)

Records within 500m 0

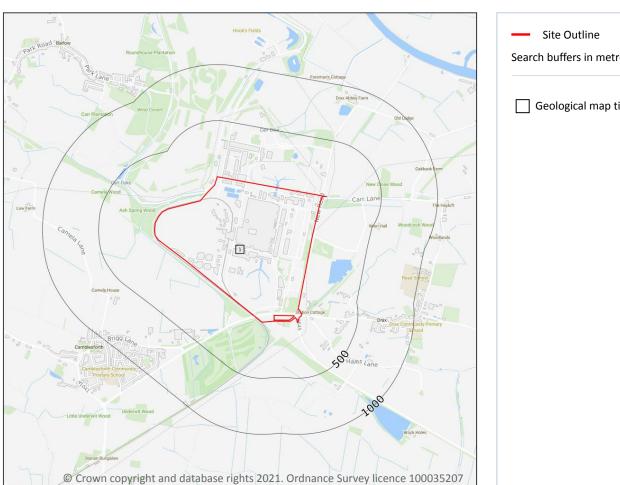
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.





# 15 Geology 1:50,000 scale - Availability



Search buffers in metres (m) Geological map tile

# 15.1 50k Availability

#### Records within 500m 1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on page 147

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	No coverage	Full	Full	No coverage	EW079_goole_v4

This data is sourced from the British Geological Survey.





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

### 15.2 Artificial and made ground (50k)

Records within 500m 0

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

This data is sourced from the British Geological Survey.

### 15.3 Artificial ground permeability (50k)

Records within 50m 0

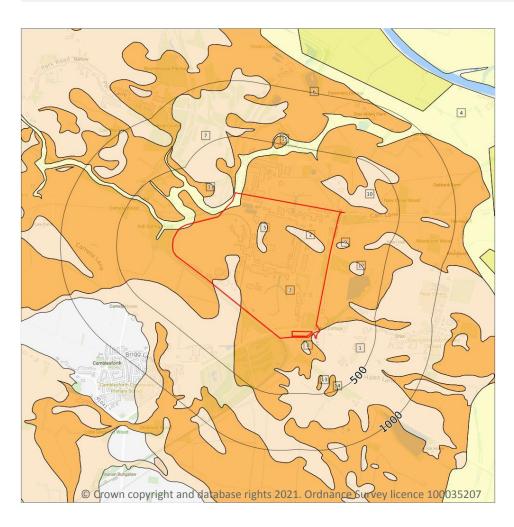
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.





# Geology 1:50,000 scale - Superficial



Site Outline
Search buffers in metres (m)

Landslip (50k)

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

# 15.4 Superficial geology (50k)

#### Records within 500m 15

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on page 149

ID	Location	LEX Code	Description	Rock description
1	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
2	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
3	On site	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
4	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL





ID	Location	LEX Code	Description	Rock description
5	On site	BREI-S	BREIGHTON SAND FORMATION	SAND
6	11m W	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
7	11m W	BREI-S	BREIGHTON SAND FORMATION	SAND
8	38m S	BREI-S	BREIGHTON SAND FORMATION	SAND
9	40m E	BREI-S	BREIGHTON SAND FORMATION	SAND
10	94m NE	BREI-S	BREIGHTON SAND FORMATION	SAND
11	167m NW	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
12	191m E	BREI-S	BREIGHTON SAND FORMATION	SAND
13	336m S	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
14	358m SE	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY
15	453m N	HEM-CZ	HEMINGBROUGH GLACIOLACUSTRINE FORMATION	CLAY, SILTY

This data is sourced from the British Geological Survey.

# 15.5 Superficial permeability (50k)

Records within 50m 9

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	High	High
On site	Intergranular	High	High
On site	Mixed	Low	Very Low
On site	Intergranular	High	High
On site	Intergranular	High	Very Low
On site	Intergranular Intergranular	<b>High</b> High	Very Low High
			<del></del>
11m N	Intergranular	High	High

This data is sourced from the British Geological Survey.





0

### 15.6 Landslip (50k)

Records within 500m

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

This data is sourced from the British Geological Survey.

### 15.7 Landslip permeability (50k)

Records within 50m 0

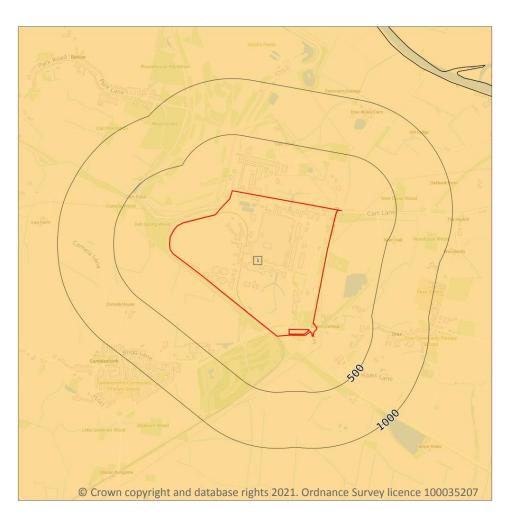
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.





# Geology 1:50,000 scale - Bedrock



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

### 15.8 Bedrock geology (50k)

Records within 500m 1

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

> info@groundsure.com 08444 159 000

Features are displayed on the Geology 1:50,000 scale - Bedrock map on page 152

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.



Contact us with any questions at: Date: 25 August 2021



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### 15.9 Bedrock permeability (50k)

Records within 50m

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

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

This data is sourced from the British Geological Survey.

### 15.10 Bedrock faults and other linear features (50k)

Records within 500m 0

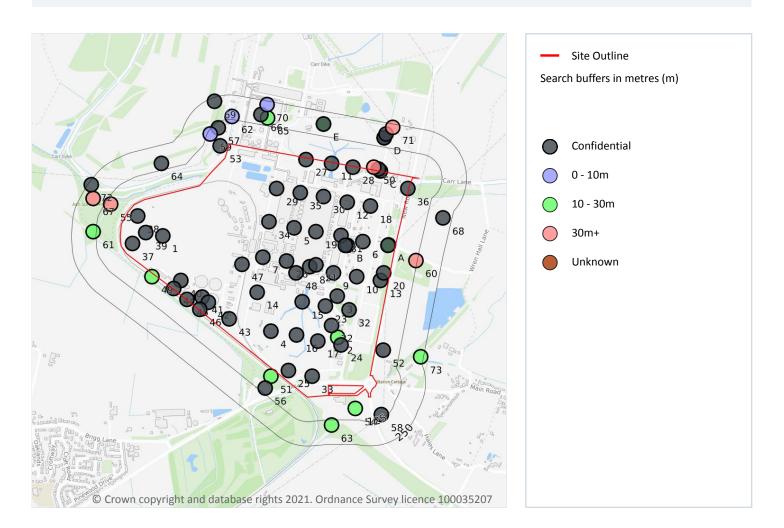
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

This data is sourced from the British Geological Survey.





# 16 Boreholes



#### **16.1 BGS Boreholes**

Records within 250m 84

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

Features are displayed on the Boreholes map on page 154

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	465516 427149	DRAX POWER STATION PROJECT PHOENIX 4	-	Υ	N/A
2	On site	466411 426629	GOOLE POWER STATION 11	24.23	N	121423
3	On site	466410 426840	DRAX POWER STATION D32	-	Υ	N/A





ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	466070 426660	DRAX POWER STATION D39	-	Υ	N/A
5	On site	466190 427190	DRAX POWER STATION D13	-	Υ	N/A
6	On site	466540 427120	DRAX POWER STATION D16	-	Υ	N/A
7	On site	466030 427040	DRAX POWER STATION D22	-	Υ	N/A
8	On site	466270 426990	DRAX POWER STATION D24	-	Υ	N/A
9	On site	466390 426960	DRAX POWER STATION D25	-	Υ	N/A
10	On site	466510 426940	DRAX POWER STATION D26	-	Υ	N/A
11	On site	466380 427520	DRAX POWER STATION D2	-	Υ	N/A
12	On site	466460 427320	DRAX POWER STATION D7	-	Υ	N/A
13	On site	466630 426920	DRAX POWER STATION D27	-	Υ	N/A
14	On site	466000 426860	DRAX POWER STATION D31	-	Υ	N/A
15	On site	466230 426810	DRAX POWER STATION D33	-	Υ	N/A
16	On site	466200 426640	DRAX POWER STATION D40	-	Υ	N/A
17	On site	466310 426610	DRAX POWER STATION D41	-	Υ	N/A
18	On site	466580 427300	DRAX POWER STATION D8	-	Υ	N/A
19	On site	466300 427170	DRAX POWER STATION D14	-	Υ	N/A
20	On site	466647 426960	DRAX - EGGBOROUGH/KEADBY 400KV BH1	-	Υ	N/A
21	On site	466300 427000	DRAX POWER STATION	-	Υ	N/A
22	On site	466380 426690	DRAX POWER STATION 8	-	Υ	N/A
23	On site	466350 426790	DRAX POWER STATION D34	-	Υ	N/A
24	On site	466430 426590	DRAX POWER STATION D42	-	Υ	N/A
25	On site	466160 426460	DRAX POWER STATION D45	-	Υ	N/A
26	On site	466150 427020	DRAX POWER STATION D23	-	Υ	N/A
27	On site	466250 427540	DRAX POWER STATION D1	-	Υ	N/A
28	On site	466490 427500	DRAX POWER STATION D3	-	Υ	N/A
29	On site	466100 427390	DRAX POWER STATION D4	-	Υ	N/A
30	On site	466340 427350	DRAX POWER STATION D6	-	Υ	N/A
31	On site	466430 427150	DRAX POWER STATION D15	-	Υ	N/A





ID	Location	Grid reference	Name	Length	Confidential	Web link
32	On site	466470 426770	DRAX POWER STATION D35	-	Υ	N/A
33	On site	466280 426430	DRAX POWER STATION D46	-	Υ	N/A
34	On site	466060 427220	DRAX POWER STATION D12	-	Υ	N/A
35	On site	466220 427370	DRAX POWER STATION D5	-	Υ	N/A
36	On site	466770 427390	DRAX POWER STATION D48	-	Υ	N/A
37	On site	465362 427109	DRAX POWER STATION PROJECT PHOENIX 1	-	Υ	N/A
38	On site	465389 427250	DRAX POWER STATION PROJECT PHOENIX 2	-	Υ	N/A
39	On site	465430 427164	DRAX POWER STATION PROJECT PHOENIX 3	-	Υ	N/A
40	On site	465608 426920	DRAX POWER STATION PROJECT PHOENIX 5	-	Υ	N/A
41	On site	465718 426836	DRAX POWER STATION PROJECT PHOENIX 6	-	Υ	N/A
42	On site	465749 426809	DRAX POWER STATION PROJECT PHOENIX 7	-	Υ	N/A
43	On site	465857 426723	DRAX POWER STATION PROJECT PHOENIX 8	-	Υ	N/A
44	On site	465572 426879	DRAX POWER STATION PROJECT PHOENIX 9	-	Υ	N/A
45	On site	465641 426824	DRAX POWER STATION PROJECT PHOENIX 10	-	Υ	N/A
46	On site	465707 426773	DRAX POWER STATION PROJECT PHOENIX 11	-	Υ	N/A
47	On site	465923 427003	DRAX POWER STATION PROJECT PHOENIX 12	-	Υ	N/A
48	On site	466198 426959	DRAX POWER STATION PROJECT PHOENIX 13	-	Υ	N/A
Α	On site	466671 427102	DRAX-NORTON 400KV 345	11.58	N	<u>121346</u>
Α	On site	466670 427100	DRAX POWER STATION D17	-	Υ	N/A
В	On site	466460 427100	DRAX POWER STATION 4	-	Υ	N/A
В	On site	466450 427100	DRAX POWER STATION 7	-	Υ	N/A
С	1m N	466630 427480	DRAX POWER STATION 3	-	Υ	N/A
С	9m N	466620 427490	DRAX POWER STATION 6	-	Υ	N/A
49	16m SW	465460 426940	GOOLE SEISMOGRAPH 192	15.24	N	<u>121413</u>
50	16m N	466597 427501	DRAX POWER STATION, SELBY YORKS	123.0	N	<u>121327</u>
51	34m SW	466070 426430	GOOLE SEISMOGRAPH 190	15.24	N	<u>121412</u>
52	41m E	466645 426564	DRAX - EGGBOROUGH/KEADBY 400KV BH2	-	Υ	N/A
53	43m W	465810 427610	DRAX-EGGBOROUGH 400KV 5	-	Υ	N/A





ID	Location	Grid reference	Name	Length	Confidential	Web link
54	67m S	466501 426264	GOOLE DEISMOGRAPH 68	22.86	N	<u>121385</u>
55	97m NW	465250 427310	DRAX POWER STATION 2/79	105.0	N	121324
56	99m SW	466040 426370	DRAX POWER STATION D44	-	Υ	N/A
57	100m NW	465802 427702	DRAX POWER STATION BH115	-	Υ	N/A
58	105m SE	466636 426234	DRAX - EGGBOROUGH/KEADBY 400KV BH4	-	Υ	N/A
59	110m NW	465760 427670	LANCASHIRE - YORKSHIRE MOTORWAY M62 A663	5.0	N	16096145
60	118m E	466812 427023	GOOLE POWER STATION 12	36.58	N	121424
61	141m W	465160 427170	GOOLE SEISMOGRAPH 193	15.24	N	121414
62	141m N	465870 427760	LANCASHIRE - YORKSHIRE MOTORWAY M62 A664	5.0	N	16096146
63	152m S	466380 426180	GOOLE SEISMOGRAPH 189	15.24	N	121411
64	160m N	465510 427520	DRAX-EGGBOROUGH 400KV 6	-	Υ	N/A
65	167m N	466054 427753	GOOLE POWER STATION 7	23.47	N	121419
D	172m N	466650 427650	DRAX POWER STATION 5	-	Υ	N/A
D	172m N	466650 427650	DRAX POWER STATION D59	-	Υ	N/A
66	177m N	466020 427770	DRAX POWER STATION D70	-	Υ	N/A
Е	185m N	466340 427720	DRAX POWER STATION D72	21.5	N	<u>121456</u>
Е	185m N	466340 427720	DRAX POWER STATION D71	-	Υ	N/A
67	190m NW	465160 427340	DRAX POWER STATION 1/79	105.0	N	121323
D	194m N	466660 427670	DRAX POWER STATION 2	-	Υ	N/A
68	204m E	466950 427240	DRAX POWER STATION D11	-	Υ	N/A
69	229m N	465782 427836	DRAX POWER STATION BH114	-	Υ	N/A
70	232m N	466050 427820	LANCASHIRE - YORKSHIRE MOTORWAY M62 A665	5.0	N	<u>16096147</u>
71	232m N	466694 427703	DRAX POWER STATION, SELBY, YORKS	92.0	N	<u>121326</u>
72	235m NW	465150 427410	DRAX-EGGBOROUGH 400KV 7	-	Υ	N/A
73	235m E	466836 426529	GOOLE SEISMOGRAPH 69	22.86	N	121386

This data is sourced from the British Geological Survey.





# 17 Natural ground subsidence - Shrink swell clays



## 17.1 Shrink swell clays

Records within 50m 7

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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on page 158

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
On site	Low	Ground conditions predominantly medium plasticity.





Location	Hazard rating	Details
11m W	Low	Ground conditions predominantly medium plasticity.
11m W	Negligible	Ground conditions predominantly non-plastic.
38m S	Negligible	Ground conditions predominantly non-plastic.
40m E	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Running sands



### **17.2** Running sands

Records within 50m 5

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

Features are displayed on the Natural ground subsidence - Running sands map on page 160

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.







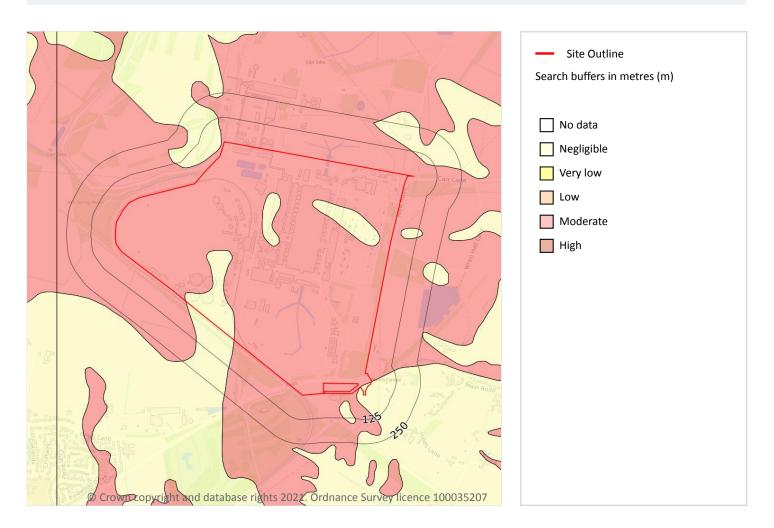
Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
11m W	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
38m S	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
40m E	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Compressible deposits



## 17.3 Compressible deposits

Records within 50m 5

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on page 162

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.





Location	Hazard rating	Details
11m W	Negligible	Compressible strata are not thought to occur.
38m S	Negligible	Compressible strata are not thought to occur.
40m E	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Collapsible deposits



## 17.4 Collapsible deposits

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on page 164

Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
11m W	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.







This data is sourced from the British Geological Survey.





# **Natural ground subsidence - Landslides**



#### 17.5 Landslides

Records within 50m 3

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

Features are displayed on the Natural ground subsidence - Landslides map on page 166

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





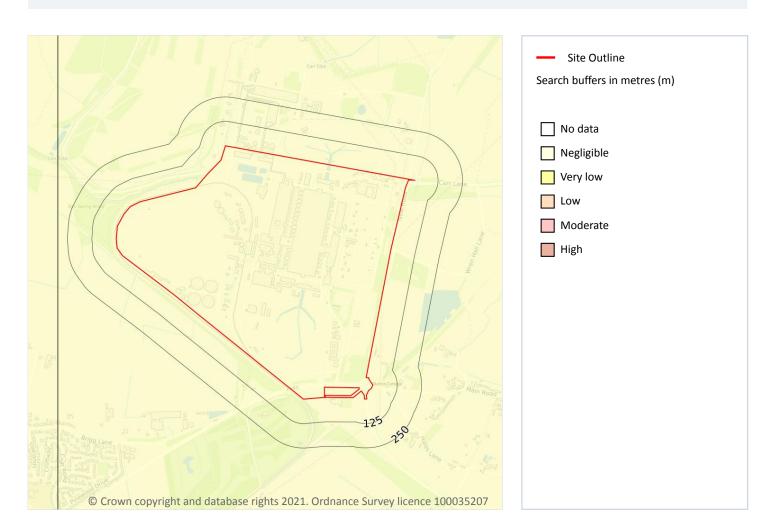
Location	Hazard rating	Details
On site	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
On site	Moderate	Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.

This data is sourced from the British Geological Survey.





# Natural ground subsidence - Ground dissolution of soluble rocks



#### 17.6 Ground dissolution of soluble rocks

Records within 50m 1

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

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page** 168

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





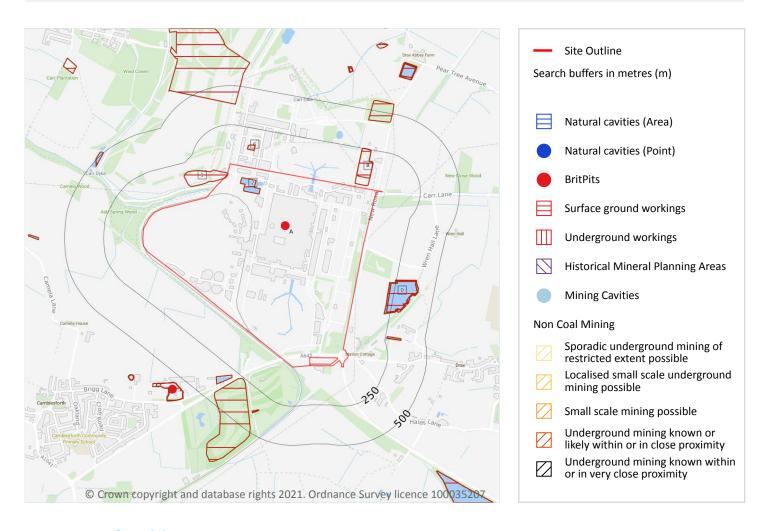


This data is sourced from the British Geological Survey.





# 18 Mining, ground workings and natural cavities



#### 18.1 Natural cavities

Records within 500m 0

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

This data is sourced from Stantec UK Ltd.





#### 18.2 BritPits

Records within 500m 4

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

Features are displayed on the Mining, ground workings and natural cavities map on page 170

ID	Location	Details	Description
Α	On site	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Pulverised-Fuel Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
Α	On site	Name: Drax Power Station Desulphurisation Plant Address: Drax, SELBY, North Yorkshire Commodity: Desulphogypsum Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
Α	On site	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Furnace Bottom Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals
A	On site	Name: Drax Power Station Ash Plant Address: Drax, SELBY, North Yorkshire Commodity: Pulverised-Fuel Ash Status: Active	Type: Power station which produces Desulphogypsum and, or, Pulverised Fuel Ash or Furnace Bottom Ash Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals

This data is sourced from the British Geological Survey.

### 18.3 Surface ground workings

Records within 250m 10

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

Features are displayed on the Mining, ground workings and natural cavities map on page 170





ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Refuse Heap	1974	1:10000
2	On site	Settling Ponds	1988	1:10000
В	19m N	Unspecified Heap	1988	1:10000
В	69m N	Unspecified Heap	1974	1:10000
С	112m N	Sewage Works	1974	1:10000
С	112m N	Sewage Works	1988	1:10000
D	210m E	Pond	1950	1:10560
D	211m E	Pond	1908	1:10560
D	220m E	Pond	1974	1:10000
D	220m E	Pond	1988	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

### 18.4 Underground workings

Records within 1000m 0

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

This is data is sourced from Ordnance Survey/Groundsure.

## **18.5 Historical Mineral Planning Areas**

Records within 500m 0

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

This data is sourced from the British Geological Survey.

#### 18.6 Non-coal mining

Records within 1000m 0

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





This data is sourced from the British Geological Survey.

#### **18.7 Mining cavities**

Records within 1000m 0

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

This data is sourced from Stantec UK Ltd.

#### 18.8 JPB mining areas

Records on site 0

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

This data is sourced from Johnson Poole and Bloomer.

#### 18.9 Coal mining

Records on site 0

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

This data is sourced from the Coal Authority.

#### 18.10 Brine areas

Records on site 0

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

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

#### 18.11 Gypsum areas

Records on site

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.





## 18.12 Tin mining

Records on site 0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

## 18.13 Clay mining

Records on site 0

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

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





## 19 Radon



#### **19.1** Radon

Records on site 1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on page 175

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

This data is sourced from the British Geological Survey and Public Health England.





# 20 Soil chemistry

## 20.1 BGS Estimated Background Soil Chemistry

Records within 50m 28

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg





Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	20 - 40 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
On site	<b>15 mg/kg</b> 15 mg/kg	No data	<b>100 mg/kg</b> 100 mg/kg	<b>60 mg/kg</b> 60 mg/kg	<b>1.8 mg/kg</b> 1.8 mg/kg	<b>40 - 60 mg/kg</b> 40 - 60 mg/kg	<b>15 - 30 mg/kg</b> 15 mg/kg
							0, 0
11m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
11m NW	15 mg/kg 15 mg/kg	No data	100 mg/kg	60 mg/kg 60 mg/kg	1.8 mg/kg 1.8 mg/kg	40 - 60 mg/kg 40 - 60 mg/kg	15 mg/kg 15 - 30 mg/kg

This data is sourced from the British Geological Survey.

## **20.2 BGS Estimated Urban Soil Chemistry**

Records within 50m 0

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

This data is sourced from the British Geological Survey.

### 20.3 BGS Measured Urban Soil Chemistry

Records within 50m 0

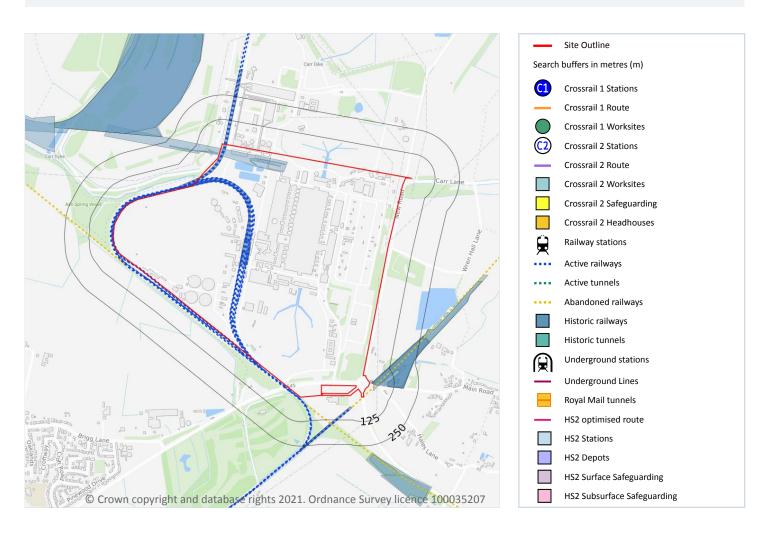
The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km<sup>2</sup>.

This data is sourced from the British Geological Survey.





# 21 Railway infrastructure and projects



## 21.1 Underground railways (London)

Records within 250m 0

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

This data is sourced from publicly available information by Groundsure.

# 21.2 Underground railways (Non-London)

Records within 250m

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





This data is sourced from publicly available information by Groundsure.

## 21.3 Railway tunnels

Records within 250m 0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

## 21.4 Historical railway and tunnel features

Records within 250m 14

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

Features are displayed on the Railway infrastructure and projects map on page 178

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1987	2500
On site	Railway Sidings	1994	2500
On site	Railway Sidings	1971	2500
On site	Railway Sidings	1974	10000
7m W	Railway Sidings	1971	2500
8m E	Railway Sidings	1908	10560
10m E	Railway Sidings	1950	10560
13m E	Railway Sidings	1957	10560
16m E	Railway	1890	-
56m S	Railway Sidings	1995	2500
57m S	Railway Sidings	1994	2500
67m E	Railway	1907	-
152m S	Railway Sidings	1982	2500
158m S	Railway Sidings	1971	2500

This data is sourced from Ordnance Survey/Groundsure.





### 21.5 Royal Mail tunnels

Records within 250m 0

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

This data is sourced from Groundsure/the Postal Museum.

#### **21.6** Historical railways

Records within 250m 3

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

Features are displayed on the Railway infrastructure and projects map on page 178

Location	Description
On site	Abandoned
25m SW	Abandoned
26m S	Razed

This data is sourced from OpenStreetMap.

#### 21.7 Railways

Records within 250m 55

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on page 178

Location Name	Туре
On site	rail



(180)



Location	Namo	Type
Location	Name	Type
On site		rail
On site	Not given	Single Track
On site	Not given	Single Track
On site	0	Single Hack
On site	Not given	Single Track
On site	Not given	Single Track
On site	Not given	Single Track Single Track
On site On site	Not given  Not given	Single Track Single Track
On site On site On site	Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track
On site On site On site On site On site	Not given  Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track Single Track
On site On site On site On site On site On site	Not given  Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track Single Track Single Track
On site On site On site On site On site Sm N	Not given  Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track Single Track Single Track rail
On site On site On site On site On site On site Sm N	Not given  Not given  Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track Single Track Single Track rail
On site On site On site On site On site Sm N 5m N 6m N	Not given  Not given  Not given  Not given  Not given  Not given	Single Track Single Track Single Track Single Track Single Track Single Track rail rail Single Track
On site On site On site On site On site On site Sm N 5m N 6m N 7m N	Not given  Not given	Single Track rail rail Single Track





Location	Name	Туре
7m SW	Not given	Multi Track
7m N	Not given	Single Track
7m SW		rail
8m SW	Not given	Multi Track
8m N	Not given	Single Track
8m SW	Not given	Single Track
8m N	Not given	Single Track
9m SW		rail
9m SW		rail
9m SW	Not given	Single Track
9m SW	Not given	Single Track
9m N		rail
10m N		rail
10m SW	Not given	Single Track
11m SW		rail
11m SW		rail
15m SW		rail
16m SW	Not given	Single Track
16m SW	Not given	Single Track
65m S		rail
68m S		rail

This data is sourced from Ordnance Survey and OpenStreetMap.

#### 21.8 Crossrail 1

Records within 500m

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

This data is sourced from publicly available information by Groundsure.





#### 21.9 Crossrail 2

Records within 500m 0

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

This data is sourced from publicly available information by Groundsure.

#### 21.10 HS2

Records within 500m 0

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

This data is sourced from HS2 ltd.





# **Data providers**

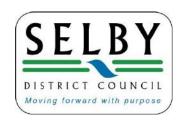
Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see

# **Terms and conditions**

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



# **APPENDIX F - REGULATOR RESPONSE**



Adam Yusaf Square One Resources Ltd 6 Devonshire Square London EC2M 4YE **Your Ref:** 073933 **Our Ref:** 002/21/JH

e-mail:

Please ask for: Jack Hopper 01757 705101 Fax Number: 01757 292229

10th June 2021

Dear Mr Yusaf

**Re: Environmental Information Request** 

Site Name: Drax Power Station Address: Drax, North Yorkshire

Further to your search request dated 4<sup>th</sup> June 2021 in respect of the above site we are pleased to provide you with the following information, which represents a summary of records we have available.

Whilst all reasonable care has been taken to ensure the accuracy of the information and data provided in this response, Selby District Council accepts no liability for any loss or damage howsoever caused arising from any reliance placed by any other person upon the information and data contained herein.

Should you have any queries regards this search, or should you require a more detailed search, or have any special search requirements you should contact us on telephone 01757 705101.

Yours sincerely

Jack Hopper MSc MCIEH

Senior Environmental Health Officer

Environmental Health

Date: 10/06/2021

Adam Yusaf WSP 6 Devonshire Square London EC2M 4YE

# **INVOICE**

Ref: 073933

Date: 4th June 2021

 Report Cost
 £92.45

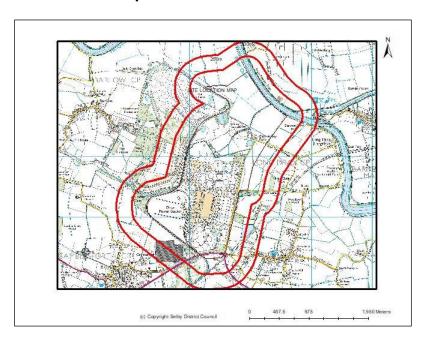
 VAT @ 20%
 £18.49

TOTAL £110.94

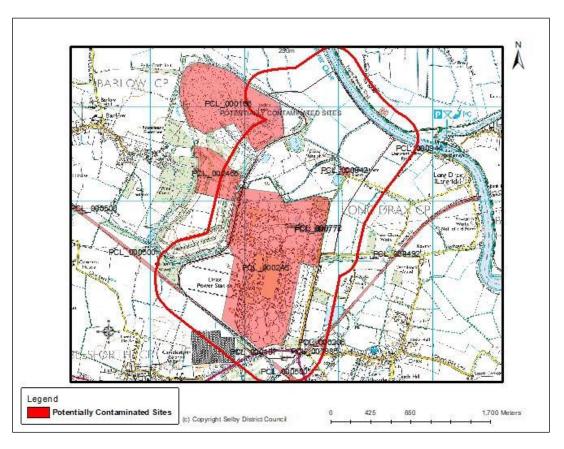
**Date:** 10/06/2021

Site Centre Coordinates (British National Grid): 466468, 427792 Approx. area of search feature: 3,103,074m<sup>2</sup>

# 1. Site Location Map



## 2. Potentially Contaminated Sites



Date: 10/06/2021

## 2.1 Priority Categories

Potentially contaminated sites are ranked according to their potential contaminant linkages and the associated risk. Each site is allocated to one of five priority categories (A to E). Table 1.0 shows how the Council has defined these categories and the number of potentially contaminated sites across the district within each category.

Table 1.0 – Priority Categories

Category	Number of Sites	Description
A	1	Contaminants certainly or probably present. One or more pathways to identified receptors are likely to exist. There is a high risk of an unacceptable impact on identified receptors. The current use of the site may not be suitable. <b>High priority</b> , with action to inspect the site being required in the short term.
В	10	The presence of contaminants is likely. One or more pathways to identified receptors are likely to exist. There is a high-medium risk of an unacceptable impact on identified receptors. The current use of the site may not be suitable. <b>High to medium priority</b> , with action to inspect the site being required in the short to medium term.
С	223	Contaminants may be present. One or more pathways to identified receptors are likely to exist. There is a medium-low risk of an unacceptable impact on identified receptors. <b>Medium to low priority</b> , with action to inspect the site being required in the medium to long term.
D	1,187	Contaminants may be present. There is a medium-low risk of the existence of pathway(s) to identified receptors. It is unlikely that the contaminants will have a significant effect on identified receptors. <b>Low priority</b> , with action to inspect the site being required in the long term.
E	700	Contaminants may be present. There is a low risk of the existence of pathway(s) to identified receptors. It is highly unlikely that the contaminants will have a significant effect on identified receptors. <b>Very low priority</b> , with action unlikely to be needed whilst site remains in present use or is undisturbed.

**Date:** 10/06/2021

### 2.2 Information in relation to Potentially Contaminated Sites

Please note that the information provided relates only to sites within the Selby district, and not beyond the adjacent boundary with East Ridings of Yorkshire Council.

Selection Summary:

4 feature(s) identified on site.

8 feature(s) identified off site within 250 metres

	Site Name	Site Location	Current Use	Contaminative Use	Approx. distance (m)	Approx. Area (m2)	Grid Ref
On Site							
PCL_000245	Drax Power Station	New Road off Main Road, Drax	Industrial - general	Power stations (excludin nuclear power stations)	g 0.00	1310318	466268, 427363
This site falls w existence of par	ithin inspection ( thway(s) to ident	Category D, which ified receptors.	ch means that con	cation A12 - submitted 22/ staminants may be present. ne contaminants will have a ng term.	There is a mediu	um-low risk of	
PCL_000771	Tanks	New Road, Drax	Industrial - general	Tank	0.00	676	466779, 427686
pathway(s) to ic	lentified receptor	rs. It is highly un	likely that the con	taminants may be present. taminants will have a signit n present use or is undistur  Tank	icant effect on idebed.	entified recept	ors. Very
		Drax	general	Talik	0.00	117	466786, 427702
pathway(s) to ic	ithin inspection (	Drax Category E, which is lift is highly un	general ch means that con	taminants may be present. taminants will have a signif n present use or is undistur	There is a low ri	sk of the existe	427702 ence of
This site falls w pathway(s) to ic	ithin inspection (	Drax Category E, which is lift is highly un	general ch means that con	taminants may be present. taminants will have a signif	There is a low ri	sk of the existe	427702 ence of
This site falls w pathway(s) to ic low priority, with PCL_000942  Comments This site falls w existence of pathony priority, with pathony	ithin inspection ( Identified receptor in action unlikely Agricultural Land Ithin inspection ( Ithway(s) to ident in action to inspection (	Drax  Category E, which is a lit is highly unto be needed when the needed when	general  ch means that con likely that the con nilst site remains in  Farm (possible residential buildings)	taminants may be present. taminants will have a signif n present use or is undistui Agriculture/Nurseries taminants may be present. te contaminants will have a	There is a low risicant effect on idebed.  0.00  There is a media	sk of the existerentified receptor 8438	427702 ence of ors. Very 467068, 428313
This site falls w pathway(s) to ic low priority, with PCL_000942  Comments This site falls w existence of pathway(s) to ic low priority, with pathway in the	ithin inspection (dentified receptor action unlikely) Agricultural Land ithin inspection (dentity)	Drax  Category E, which is a lit is highly unto be needed when the needed when	general  ch means that con likely that the con nilst site remains in  Farm (possible residential buildings)  ch means that con It is unlikely that the	taminants may be present. taminants will have a signif n present use or is undistui Agriculture/Nurseries taminants may be present. te contaminants will have a	There is a low risicant effect on idebed.  0.00  There is a media	sk of the existerentified receptor 8438	427702 ence of ors. Very 467068, 428313

#### **Comments**

Closed. Operated from 1978/79. Materials deposited included excavated material from Drax Power Station contract.

This site falls within inspection Category D, which means that contaminants may be present. There is a medium-low risk of the existence of pathway(s) to identified receptors. It is unlikely that the contaminants will have a significant effect on identified receptors. Low priority, with action to inspect the site being required in the long term.

DOI 00040		O - male la a famile	Danaliat/Diamani	AMtL	40.00	4005	400004
PCL_000107		Camblesforth	Derelict/Disused	Waste: Landfills	12.39	1925	466084,
	By-pass	By-pass	Land	and other waste			426390
	Tipping Site	Tipping site,		treatment &			
		Drax		disposal sites			

#### Comments

Closed. Operated from 1978/79.

Materials deposited included excavated material from Drax Power Station contract. Creation of coal stock area & screening bunds.

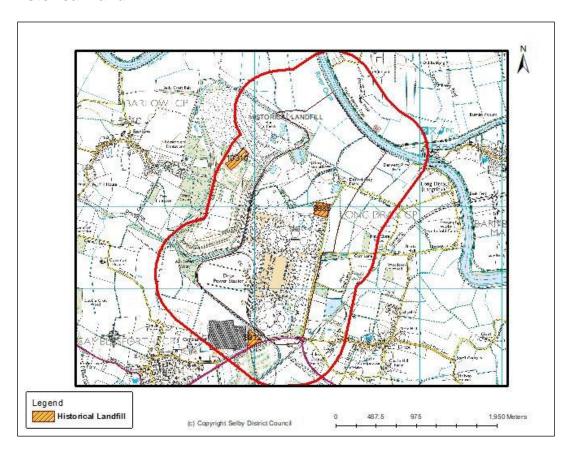
Date: 10/06/2021

Our Ref	Site Name	Site Location	Current Use	Contaminati	ve Use	dis	prox. stance (m)	Approx. Area (m2)	Grid Ref
receptors are lik		e is a medium-lo	w risk of an unac	aminants may be p ceptable impact on					
PCL_000500	Dismantled Railway	Selby	Housing with gardens	Railway land		13.68	30	60884	463860, 427915
receptors are lik		e is a medium-lo	w risk of an unac	aminants may be p ceptable impact on					
PCL_002465	Barlow Ash Disposal Site	Drax Power Station, East Common Lane, Barlow	Trees and shrubs	Heap incl. Spoil & Slag	26.55		19234	l I	165688, 128274
principally pulve This site falls wi pathway(s) to ic	erised fuel ash & f ithin inspection Ca lentified receptors	urnace bottom as ategory E, which s. It is highly unlik	sh. Use solely by means that contactly that the con	Materials deposited C.E.G.B. aminants may be p aminants will have present use or is u	resent. T a signific	here is a	low risk	of the exist	ence of
PCL_000492	Dismantled Railway	Selby	Agriculture	Railway land		31.02	6	3440	467617, 427374
existence of pat		ied receptors. It i	s unlikely that the	aminants may be p contaminants will g term.					
PCL_000206	Scrap Metal Dealers, Drax	Station Cottage, Station Road, Drax	Housing with gardens	Waste recycling treatment & disposal: Metal recycling sites	,	143.05	62	277	466822, 426480
Comments Licenced 12/19	89-04/1993				·		·		
receptors are lik		e is a medium-lo	w risk of an unac	aminants may be p ceptable impact on					
PCL_001985	Goods Shed	Station Road, Drax	Industrial - general	Unknown	147.12	2	207		166749, 126415
Comments Evident in 1950	's maps of the are	ea	•		•	•		,	
	lentified receptors	s. It is highly unlik	ely that the conta	aminants may be p aminants will have present use or is u	a signific	ant effect			
pathway(s) to ic	n action unlikely to			_		226.81		324	

This site falls within inspection Category D, which means that contaminants may be present. There is a medium-low risk of the existence of pathway(s) to identified receptors. It is unlikely that the contaminants will have a significant effect on identified receptors. Low priority, with action to inspect the site being required in the long term.

Date: 10/06/2021

### 3. Historical Landfill



### 3.1 Information in relation to Historical Landfill

Please note that the information provided relates only to sites within the Selby district, and not beyond the adjacent boundary with East Ridings of Yorkshire Council.

### Selection Summary

1 feature(s) identified on site.

2 feature(s) identified off site within 500 metres

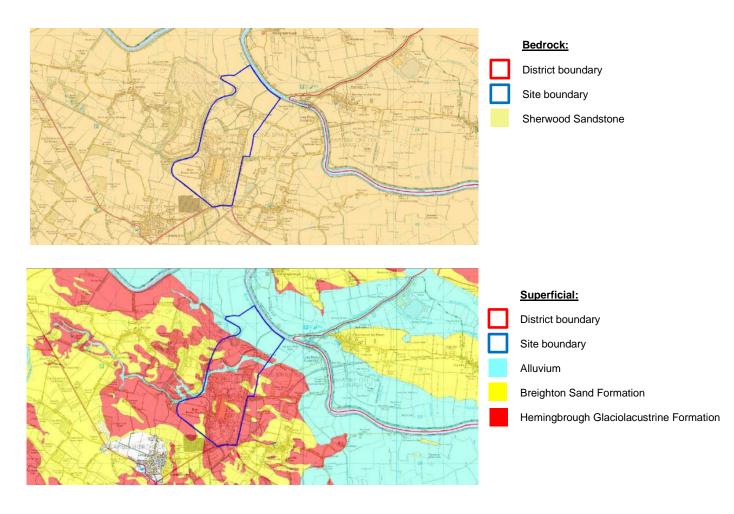
Site Name	Site Address	Approx. distance (m)	Approx. Area (m2)	Grid Ref.
On Site				
New Road Landfill Site	Drax Power Station, New Road, Drax, North Yorkshire	0.00	25127	466814, 427964
Identified Off-site	e - Within 0-500m			
Camblesforth Bypass Tip	Drax Power Station, Selby, North Yorkshire	47.31	20375	465976, 426390
Drax Power Station	Near Selby, North Yorkshire	262.32	27127	465787, 428578

Date: 10/06/2021

# 4. Geology

Published records from the British Geological Survey (BGS) for the area indicate the geology of the site as summarised below.

Geology	Geological Unit	Description	Estimated Thickness
Bedrock	Sherwood Sandstone Group	Sandstone, red, yellow and brown, part pebbly; conglomeratic in lower part; pebbles generally extraformational quartz and quartzite, with some intraformational clasts; subordinate red mudstone and siltstone.	Variable, maximum >1500 m
Superficial	Alluvium	Alluvium is a general term for clay, silt, sand and gravel. It is the unconsolidated detrital material deposited by a river, stream or other body of running water as a sorted or semi-sorted sediment in the bed of the stream or on its floodplain or delta, or as a cone or fan at the base of a mountain slope. Synonym: alluvial deposits. Normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.	None recorded or not applicable
	Breighton Sand Formation	Dominantly yellow to pale brown and reddish yellow slightly clayey sand to silty sand with a variably developed very dusky red to black compressible peat to clayey sandy peat base	Average 1 to 2m but can exceed 6m in some cases
	Hemingbrough Glaciolacustrine Formation	Unfossiliferous laminated clays, silts and sands with rare dropstones (typically fine-grained pale coloured sandstone, grey limestone and dark mudstone).	To 30m



Date: 10/06/2021

#### 4.1 Radon

Published records from Public Health England (PHE) for the area indicate that all areas within the site boundary are in the lowest band of radon potential. This indicates that less than 1% of homes in the area are above the Action Level as defined by the National Radiological Protection Board (NRPB).

#### 5. Hydrogeology

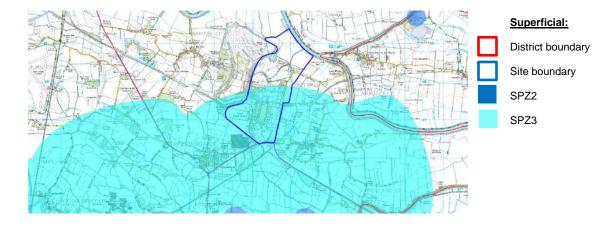
### 5.1 Aquifer characteristics

Published records from the Environment Agency (EA) indicate that the bedrock geology underlying the site is classified as a Principal Aquifer; layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale. In most cases, principal aquifers are aquifers previously designated as major aquifer.

Published records from the EA indicate that the superficial geology underlying the site is classified as a Secondary A Aquifer; permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

#### 5.2 Source Protection Zone

Published records from the EA indicate that the site is within a Source Protection Zone (SPZ).



Date: 10/06/2021

### 6 Hydrology

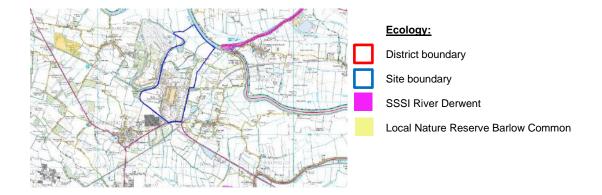
#### 6.1 Water abstractions

In reference to the Private Water Supplies (England) Regulations 2016 within the Selby district, there are no recorded Private Water Supplies identified within 3km of the site.

For all other water abstractions I would advise contacting the EA.

### 7. Ecology

The following sites were identified as ecologically sensitive:



The information supplied in this report represents the information presently held by the Council in response to your specific enquiry. The Council does not warrant the accuracy or sufficiency of the information for the purpose in relation to the site you have identified. Nor does the Council Warrant that the information is relevant for any specific purposes(s) you may have in mind in relation to the site. You are advised to undertake your own site and other investigations and to analyse the results of those investigations using competent specialist advisors. Within the context of this report, no recommendations will be made with respect to the suitability of the land for a specific purpose. The service will only be used to provide environmental information.

Date: 10/06/2021

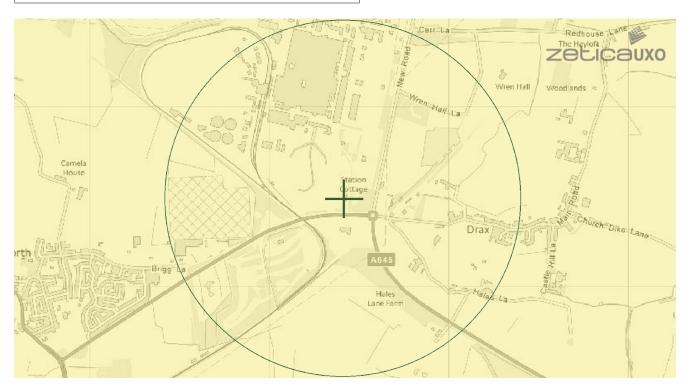
# **APPENDIX G - ZETICA RISK MAP**

#### **UNEXPLODED BOMB RISK MAP**

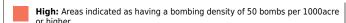


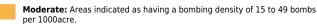
#### SITE LOCATION

Location: YO8 8PH, Map Centre: 466422,426490



#### LEGEND





Low: Areas indicated as having 15 bombs per 1000acre or less.

















**Bombing decoy** 



How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment\* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment\* is necessary.

What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other  $\,$ military operations which are not reflected on these maps.

If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our pre-desk study assessments (PDSA)

If I have any questions, who do I contact?

tel: +44 (0) 1993 886682 email: uxo@zetica.com web: www.zeticauxo.com

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (https://zeticauxo.com/downloads-and-resources/risk-maps/)

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It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

\*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'