

GroundSure EnvirolInsight

Address: Peel Street, Barnsley, S70 2RL

Date: Oct 22, 2009

GroundSure Reference: HMD-283-599239

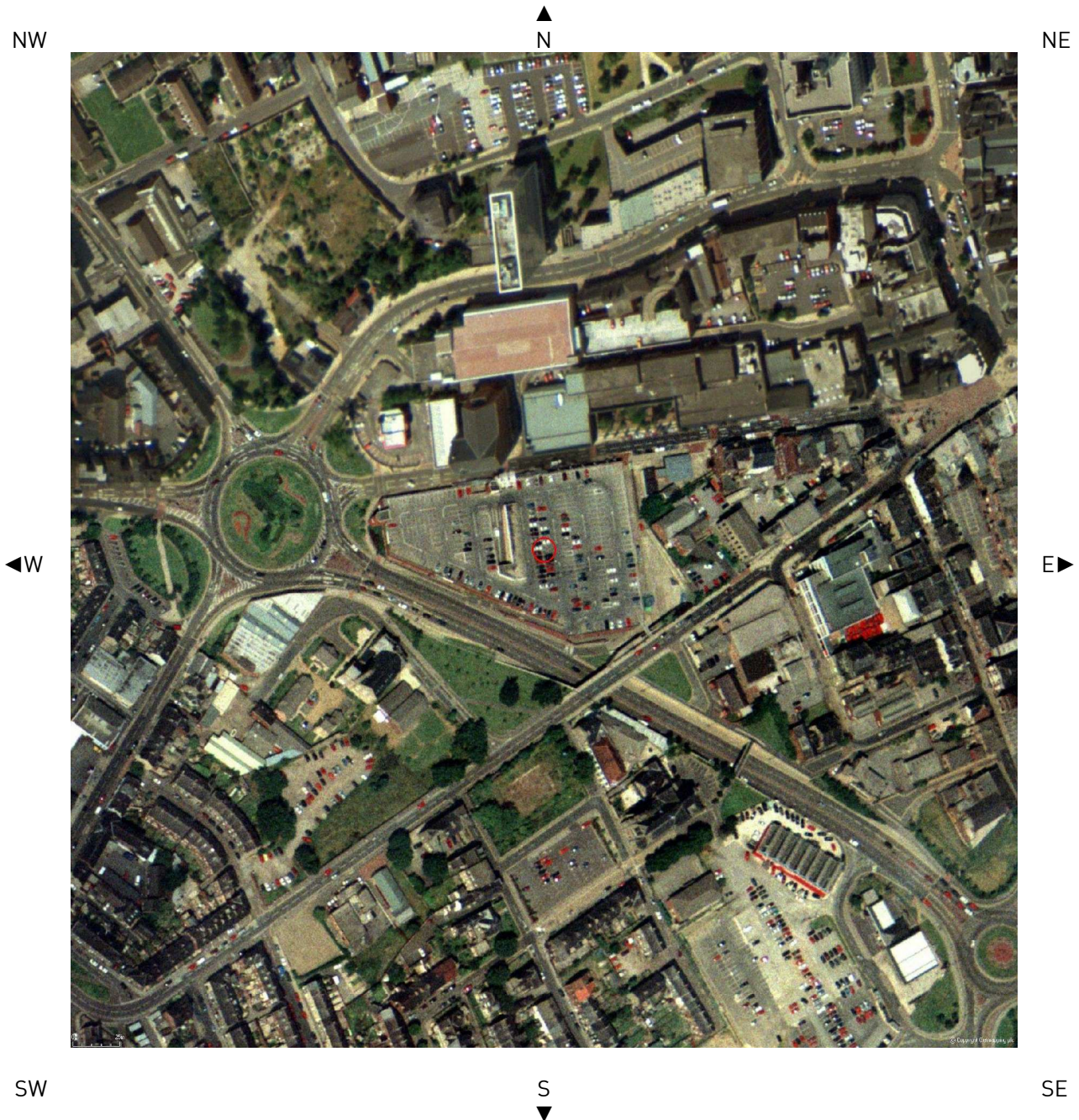
Your Reference: C3547/RT/1807

Client: Sirius Geotechnical & Environmental Limited



Brought to you by GroundSure

Aerial Photograph of Study Site



Aerial photography supplied by Getmapping PLC.
© Copyright Getmapping PLC 2003. All Rights Reserved.

Site Name: Peel Street, Barnsley, S70 2RL
Grid Reference: 434259,406274

Overview of Findings

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

Report Section	Number of records found within (X) m of the study site boundary					
1. Authorisations, Incidents and Registers	on-site	0-50	51-250	251-500	501-1000	1000-1500
1.1 Industrial Sites Holding Licences and/or Authorisations						
Records of IPC Authorisations	0	0	0	0	-	-
Records of IPPC Authorisations	0	0	16	0	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of LAPPC Authorisations	0	0	2	4	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	1	-	-
Records of Licensed Discharge Consents	0	0	1	0	-	-
Records of Planning Hazardous Substance Consents	0	0	0	0		
1.2 Records of COMAH and NIHS sites	0	0	0	0	-	-
1.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	0	0	0	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-
1.5 Planning Hazardous Substance Enforcements	0	0	0	0	-	-
2. Landfill and Other Waste Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
2.1 Landfill Sites						
Environment Agency Registered landfill Sites	0	0	0	0	0	-
Landfill Data – Operational Landfill Sites	0	0	0	0	0	-
Environment Agency Historic Landfill Sites	0	0	0	1	6	13
Landfill Data – Non-Operational Landfill Sites	0	0	0	0	4	-
BGS/DoE Landfill Site Survey	0	0	0	0	0	1
GroundSure Local Authority Landfill Sites Data	0	0	0	1	0	4
2.2 Landfill and Other Waste Sites Findings						
Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	2	-	-
Environment Agency (REGIS) Waste Sites	0	0	0	0	1	5
3. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
3.1 Current Industrial Sites Data	0	3	62	-	-	-
3.2 Records of Petrol and Fuel Sites	0	0	1	2	-	-

3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-
---	---	---	---	---	---	---

4. Geology Description

4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? *	No
4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *	No
4.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.	

Source: Scale: 1:50,000 BGS Sheet 087

* This includes an automatically generated 50m buffer zone around the site.

5. Hydrogeology and Hydrology on-site 0-50 51-250 251-500 501-1000 1001-2000

5.1 Environment Agency Groundwater Vulnerability and Soil Classification						
Is a Minor Aquifer present on site?	Yes	-	-	-	-	-
Is a Major Aquifer present on site?	No	-	-	-	-	-
Are there any Soil Classification records present on site?	Yes	-	-	-	-	-
5.2 Groundwater Abstraction Licences (within 1000m of the study site).	0	0	0	2	2	-
5.3 Surface Water Abstraction Licences (within 1000m of the study site).	0	0	0	0	0	-
5.4 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	2	2	0
5.5 Are there any Source Protection Zones within 500m of the study site?			No			
5.6 River Quality						
Is there any Environment Agency information on river quality within 500m of the study site?	No	No	No	No	-	-
5.7 Main Rivers within 500m of the study site.	0	0	0	0	-	-
5.8 Surface water features within 250m of the study site	No	Yes	No	-	-	-

6. Flooding

6.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	No
6.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	No
6.3 Are there any Flood Defences within 250m of the study site?	No
6.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
6.5 Are there any areas used for Flood Storage within 250m of the study site?	No
6.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Not Applicable
6.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Moderately High

7. Designated Environmentally Sensitive Sites on-site 0-50 51-250 251-500 501-1000 1001-1500

7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	-	-
7.3 Records of Local Nature Reserves (LNR)	0	0	0	0	-	-
7.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	-	-
7.5 Records of Special Protection Areas (SPA)	0	0	0	0	-	-
7.6 Records of Ramsar sites	0	0	0	0	-	-
7.7 Records of World Heritage Sites	0	0	0	0	-	-
7.8 Records of Environmentally Sensitive Areas	0	0	0	0	-	-
7.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	-	-
7.10 Records of National Parks	0	0	0	0	-	-

7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	-	-
7.11 Records of Nitrate Sensitive Areas	0	0	0	0	-	-
7.12 Records of Nitrate Vulnerable Zones	1	0	0	0	-	-

8. Natural Hazards

8.1 What is the maximum risk of natural ground subsidence? Low

9. Mining

9.1 Are there any coal mining areas within 75m of the study site? Yes

9.2 What is the risk of subsidence relating to shallow mining within 150m of the study site? Low-Moderate

9.3 Are there any brine affected areas within 75m of the study site? No

Using this Report

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

1. Authorisations, Incidents and Registers

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

2. Landfills and Other Waste Sites

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

3. Current Land Uses

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

4. Geology

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

5. Hydrogeology and Hydrology

Provides information on groundwater vulnerability, soil leaching potential, abstraction licenses, Source Protection Zones (SPZ) and river quality. These searches are conducted using radii of up to 2000m.

6. Flooding

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

7. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas, Nitrate Vulnerable Zones and World Heritage Sites. These searches are conducted using radii of up to 500m.

8. Natural Hazards

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

9. Mining

Provides information on areas of coal and shallow mining.

10. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (01273 819700) for further information and guidance.

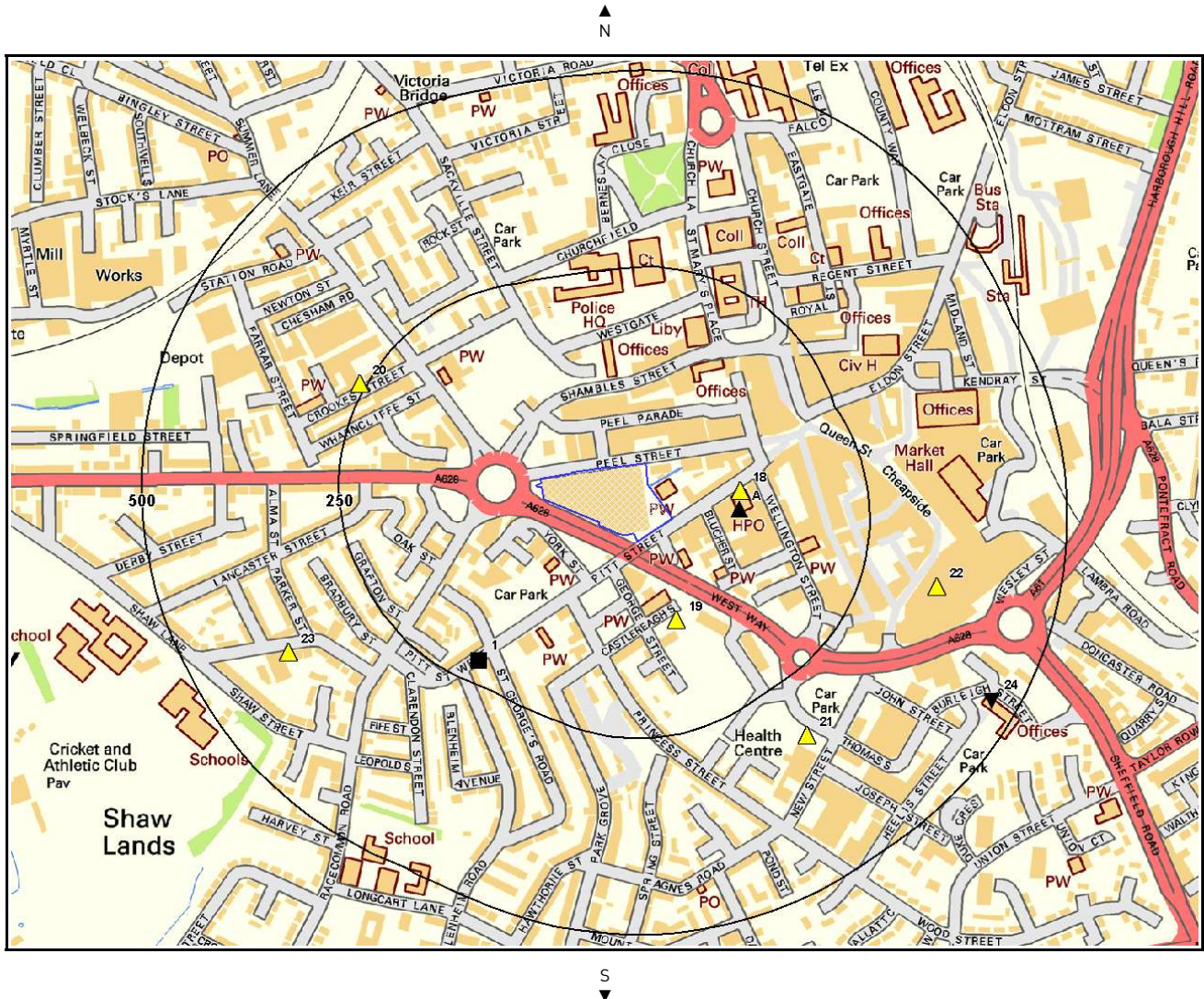
Note: Maps

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

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

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

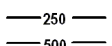
1. Authorisations, Incidents and Registers Map



Authorisations, Incidents and Registers Legend



Crown Copyright. All Rights Reserved
Licence Number: 100035207

- | | | | |
|---|-------------------------------|--|---------------------------------------|
|  | Recorded Pollution Incident |  | IPPC & IPC Authorisations |
|  | Dangerous Substances (List 1) |  | LAPPC Authorisations |
|  | Dangerous Substances (List 2) |  | COMAH / NIHHS Sites |
|  | Site Outline |  | Sites Determined as Contaminated Land |
|  | Water Industry Referrals |  | Hazardous Substance Consents |
|  | Licensed Discharge Consents |  | Hazardous Substance Enforcements |
|  | Red List Discharge Consents | | |
|  | RAS 3 & 4 Authorisations | | |
|  | Search Buffers (m) | | |

1. Authorisations, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

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

0

Database searched and no data found.

Records of IPPC Authorisations within 500m of the study site:

16

The following IPPC Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
2A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Other Mineral Activities; Crushing Etc Of Coal Etc (unless Exempt Location)	Permit Number: AP3135GS Original Permit Number: BK3441IA Issue Date: - Effective Date: - Status: Refused
3A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Organic Chemicals; Hydrocarbons Eg Aromatics	Permit Number: AP3135GS Original Permit Number: BK3441IA Issue Date: - Effective Date: - Status: Refused
4A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Inorganic Chemicals; Bases Eg Ammonium Hydroxide	Permit Number: AP3135GS Original Permit Number: BK3441IA Issue Date: - Effective Date: - Status: Refused
5A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Combustion; Any Fuel =>20mw But <-50mw (unless 1.1 A(1) B)	Permit Number: AP3135GS Original Permit Number: BK3441IA Issue Date: - Effective Date: - Status: Refused
6A	84.0	E	434380, 406240	Operator: Monckton Coke & Chemical Company Ltd Installation Name: The Monckton Coke And Chemical Co Ltd Process: Combustion; Any Fuel =>20mw But <-50mw (unless 1.1 A(1) B)	Permit Number: MP3636SN Original Permit Number: BK3441IA Issue Date: 16/12/2005 Effective Date: 16/12/2005 Status: Superseded
7A	84.0	E	434380, 406240	Operator: Monckton Coke & Chemical Company Ltd Installation Name: The Monckton Coke And Chemical Co Ltd Process: Other Mineral Activities; Crushing Etc Of Coal Etc (unless Exempt Location)	Permit Number: MP3636SN Original Permit Number: BK3441IA Issue Date: 16/12/2005 Effective Date: 16/12/2005 Status: Superseded
8A	84.0	E	434380, 406240	Operator: Monckton Coke & Chemical Company Ltd Installation Name: The Monckton Coke And Chemical Co Ltd Process: Organic Chemicals; Hydrocarbons Eg Aromatics	Permit Number: MP3636SN Original Permit Number: BK3441IA Issue Date: 16/12/2005 Effective Date: 16/12/2005 Status: Superseded
9A	84.0	E	434380, 406240	Operator: Monckton Coke & Chemical Company Ltd Installation Name: The Monckton Coke And Chemical Co Ltd Process: Inorganic Chemicals; Bases Eg Ammonium Hydroxide	Permit Number: MP3636SN Original Permit Number: BK3441IA Issue Date: 16/12/2005 Effective Date: 16/12/2005 Status: Superseded
10A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaepb3441iav010 Process: Other Mineral Activities; Crushing Etc Of Coal Etc (unless Exempt Location)	Permit Number: PP3639KE Original Permit Number: BK3441IA Issue Date: 22/6/2009 Effective Date: 22/7/2009 Status: Not Yet Effective

11A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaepbkb3441iav010 Process: Organic Chemicals; Hydrocarbons Eg Aromatics	Permit Number: PP3639KE Original Permit Number: BK3441IA Issue Date: 22/6/2009 Effective Date: 22/7/2009 Status: Not Yet Effective
12A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaepbkb3441iav010 Process: Inorganic Chemicals; Bases Eg Ammonium Hydroxide	Permit Number: PP3639KE Original Permit Number: BK3441IA Issue Date: 22/6/2009 Effective Date: 22/7/2009 Status: Not Yet Effective
13A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaepbkb3441iav010 Process: Combustion; Any Fuel =>20mw But <-50mw (unless 1.1 A(1) B)	Permit Number: PP3639KE Original Permit Number: BK3441IA Issue Date: 22/6/2009 Effective Date: 22/7/2009 Status: Not Yet Effective
14A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Other Mineral Activities; Crushing Etc Of Coal Etc (unless Exempt Location)	Permit Number: YP3934UX Original Permit Number: BK3441IA Issue Date: 11/10/2007 Effective Date: 11/10/2007 Status: Effective
15A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Organic Chemicals; Hydrocarbons Eg Aromatics	Permit Number: YP3934UX Original Permit Number: BK3441IA Issue Date: 11/10/2007 Effective Date: 11/10/2007 Status: Effective
16A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Inorganic Chemicals; Bases Eg Ammonium Hydroxide	Permit Number: YP3934UX Original Permit Number: BK3441IA Issue Date: 11/10/2007 Effective Date: 11/10/2007 Status: Effective
17A	84.0	E	434380, 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Process: Combustion; Any Fuel =>20mw But <-50mw (unless 1.1 A(1) B)	Permit Number: YP3934UX Original Permit Number: BK3441IA Issue Date: 11/10/2007 Effective Date: 11/10/2007 Status: Effective

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

Records of LAPPC Authorisations within 500m of the study site:

6

The following LAPPC (LAPC) Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details
----	----------	-----------	-----	---------

18	92.0	E	434382, 406264	Address: Johnson Dry Cleaner Limited, 14 Peel Square, Barnsley, S70 1YA Process: Dry Cleaners	Status: Pending Date: Not given
19	112.0	SE	434300, 406100	Address: Westway Fill Stn West Way, Barnsley, S70 1PN Process: Petrol Vapour Recovery Process	Status: Revoked Date: 2000
20	257.0	NW	433900, 406400	Address: Wharnccliffe Gge Summer Lane, Barnsley, S70 6BN Process: Petrol Vapour Recovery Process	Status: Current Date: 2000
21	325.0	SE	434466, 405953	Address: Wm Morrison Supermarkets Plc, Lower Thomas Street, off West Way, Barnsley, S70 1LQ Process: Petrol Vapour Recovery	Status: Current Date: Not given
22	346.0	E	434630, 406142	Address: Advace Dry Cleaners, Unit K2, new Street, Barnsley, S70 1SB Process: Dry Cleaners	Status: Pending Date: Not given
23	378.0	SW	433810, 406058	Address: Seals Packaging And Gaskets, Shaw Lane, Barnsley, S70 6HE Process: Asbestos Process	Status: Revoked Date: Not given

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: 1

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

ID	Distance	Direction	NGR	Details	
24	465.0	SE	434700, 406000	Address: Property Holdings North East, Joseph Locke House, Heelis Street, Barnsley, South Yorkshire, S70 1LW Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission Number: AC4341 Original Permission Number: AC4341	Status: Revoked/cancelled Date Approved: 21-5-1992 Effective Date: 21-5-1992

Records of Licensed Discharge Consents within 500m of the study site: 1

The following Licensed Discharge Consents records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details	
1	221.0	S	434050, 406050	Address: Goodison, Round Green Lane, Stainborough, Barnsley, South Yorkshire Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 22 Permit Version: 1	Receiving Water: Trib Of Carr Dike Status: Transferred From R(pp)a 1951-1961 Issue date: 28/5/1952 Effective Date: 28/5/1952 Revocation Date: -

Records of Planning Hazardous Substance Consents within 500m of the study site: 0

Database searched and no data found.

1.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site: 0

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

Records of National Incidents Recording System, List 2 within 250m of the study site: 0

Database searched and no data found.

Records of National Incidents Recording System, List 1 within 250m of the study site: 0

Database searched and no data found.

1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990¹

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

Database searched and no data found.

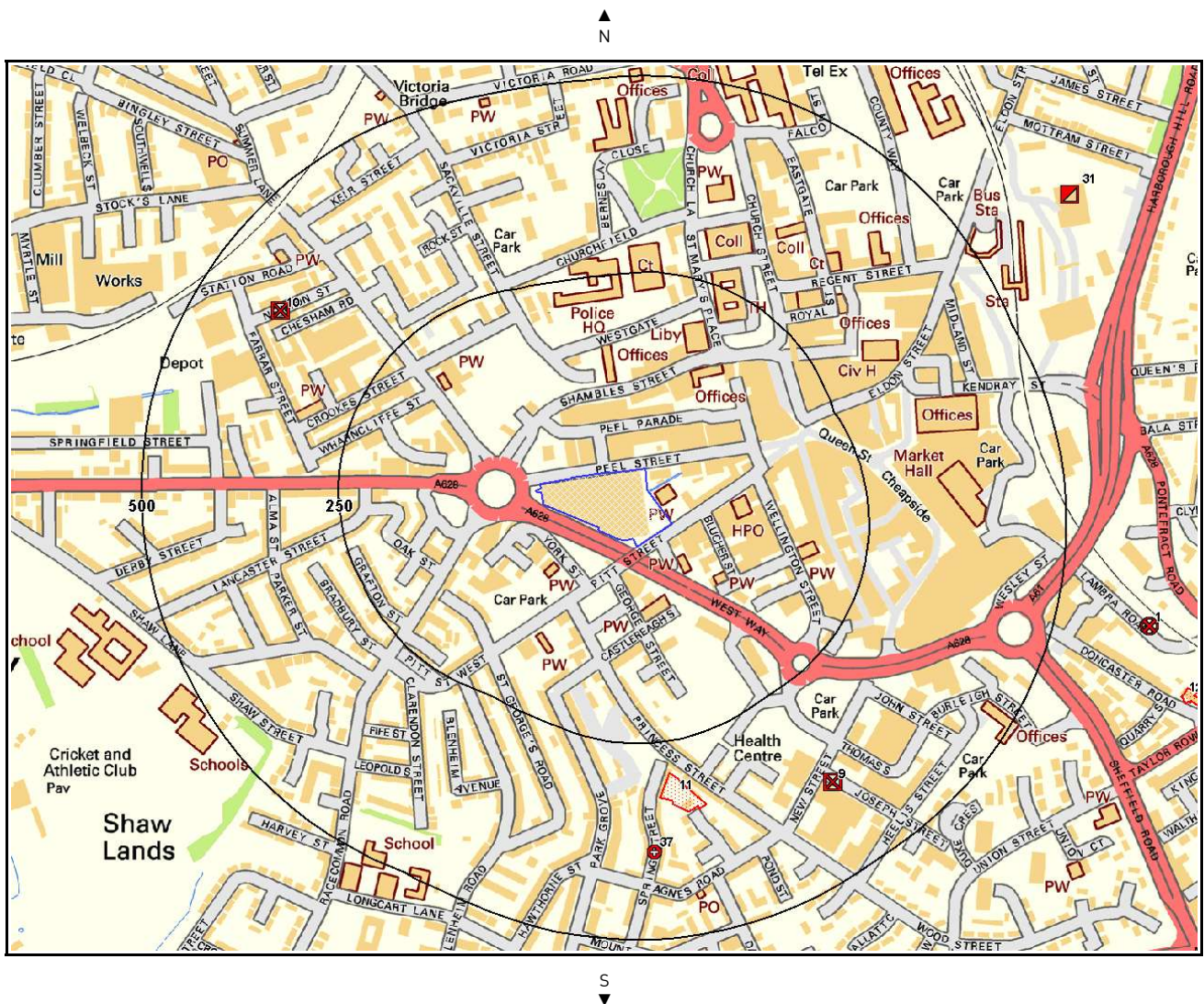
1.5 Planning Hazardous Substance Enforcements

Records of planning hazardous substance enforcements within 500m of the study site: 0

Database searched and no data found.

¹Further information on sites that have been determined under the Contaminated Land Regime is maintained by Local Authorities under Section 78R of the Environmental Protection Act 1990. Information should be available on both sites currently determined as Contaminated Land and Special Sites.

2. Landfill and Other Waste Sites Map



Landfill & Other Waste Sites Legend

Enabled by 

Crown Copyright. All Rights Reserved
Licence Number: 100035207

- | | | | | | |
|---|---------------------------------------|--|--------------------------------------|--|---------------------------------------|
|  | Site Outline |  | E.A. Active Landfill |  | Operational Waste Treatment Licence |
|  | E.A. Historic Landfill (Area Data) |  | Closed Waste Treatment Licence |  | REGIS Waste Licence |
|  | E.A. Historic Landfill (Point Data) |  | Operational Landfill |  | Closed Landfill |
|  | BGS / DoE Survey Landfill |  | Local Authority Landfill (Area Data) |  | Local Authority Landfill (Point Data) |
|  | Local Authority Landfill (Point Data) | | | | |

2. Landfill and Other Waste Sites

2.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site:

0

Database searched and no data found.

Records of operational landfill sites sourced from Landmark within 1000m of the study site:

0

Database searched and no data found.

Records of Environment Agency historic landfill sites within 1500m of the study site:

20

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

ID	Distance	Direction	NGR	Details
11	291.0	S	434300,405800.0	Site Address: Spring Street, Barnsley Waste Licence: - Site Reference: 4400/(159), (159)B, WD24 B343, WD34.16.16 Waste Type: - Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: Mr A J Shaw
12	682.0	E	434900,406000.0	Site Address: The Old Vicarage, Doncaster Road, Barnsley Waste Licence: Yes Site Reference: WD20 B812, 20B812 Waste Type: Commercial Regis Reference: - Licence Issue: 17-Jul-1991 Licence Surrendered: 17-Jan-1994 Licence Hold Address: Oak House, Doncaster Road, Barnsley Operator: -
Not shown	720.0	N	434400,407000.0	Site Address: Land off Old Mill Lane, Town Centre, Barnsley Waste Licence: Yes Site Reference: WD20 B446 Waste Type: Inert, Commercial Regis Reference: - Licence Issue: 14-Nov-1984 Licence Surrendered: 30-Mar-1994 Licence Hold Address: c/o Twibell Plant Limited, Twibell Street, Barnsley Operator: Mr M White
Not shown	815.0	W	433200,406400.0	Site Address: Land West of Summer Lane Dairy, Stocks Lane, Barnsley, South Yorkshire Waste Licence: Yes Site Reference: 20B38(61), 4400/B19, 4400/B38, WD20 B38 Waste Type: Inert, Industrial, Commercial Regis Reference: - Licence Issue: 18-Nov-1982 Licence Surrendered: 03-Jun-1988 Licence Hold Address: Wellington Street, Barnsley Operator: Co-op Retail Services
Not shown	901.0	W	433100,406400.0	Site Address: West Road, Pogmoor, Barnsley Waste Licence: Yes Site Reference: WD2 B19, 20B572(57), WD20 B572, 4400/B572, 4400/0459 Waste Type: Inert, Commercial Regis Reference: - Licence Issue: 15-Jul-1987 Licence Surrendered: 31-Dec-1990 Licence Hold Address: Public Services Department, Central Offices, Kendray Street, Barnsley or West Carr Road, Retford, Notti Operator: Barnsley Metropolitan Borough Council
Not shown	914.0	NW	433100,406600.0	Site Address: Allotment Gardens, Pogmoor Waste Licence: - Site Reference: 4400/B197 Waste Type: - Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: -
Not shown	985.0	NE	434800,407100.0	Site Address: Disused Canal, Old Mill Lane, Barnsley Waste Licence: - Site Reference: 4400/(22) Waste Type: Inert Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: Barnsley Metropolitan Borough Council
Not shown	1039.0	W	433000,406400.0	Site Address: Land North of Dodworth Road, Pogmoor Waste Licence: - Site Reference: 4400/(139) Waste Type: - Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: Polar Motors

Not shown	1111.0	E	435400,406200.0	Site Address: Barnsley Football Ground, Oakwell Road, Barnsley Waste Licence: - Site Reference: 4400/(164) Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Mowlem Construction
Not shown	1125.0	W	432900,406000.0	Site Address: Disused Quarry, Dodworth Road, Barnsley, Yorkshire Waste Licence: - Site Reference: - Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Barnsley County Borough Council
Not shown	1146.0	W	432900,406100.0	Site Address: S.R. Gents, Dodworth Road, Barnsley Waste Licence: - Site Reference: 4400/(131) Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1159.0	NE	434800,407300.0	Site Address: Star Paper Mill, Barnsley Waste Licence: - Site Reference: 4400/B59, WD20/B4(ii) Waste Type: Inert Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Star Paper Mill
Not shown	1194.0	NE	434800,407500.0	Site Address: Star Paper Limited, Old Mill Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B4(i), 4400/B4 Waste Type: Inert, Liquid sludge Regis Reference: -	Licence Issue: 11-Jan-1978 Licence Surrendered: 25-Feb-1982 Licence Hold Address: - Operator: Star Paper Limited
Not shown	1214.0	NE	435200,407000.0	Site Address: Canal to the rear of Twibell Street, Barnsley Waste Licence: Yes Site Reference: WD20 B369, 4400/B369, 20B369(83) Waste Type: Inert Regis Reference: -	Licence Issue: 16-Sep-1982 Licence Surrendered: 06-Jun-1988 Licence Hold Address: 8A, Eastgate, Barnsley Operator: Barnsley Trades Council
Not shown	1242.0	NE	435100,407200.0	Site Address: Emgas Depot, Old Mill Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B187, 4400/B187, 20B187(71) Waste Type: Inert Regis Reference: -	Licence Issue: 11-Jan-1978 Licence Surrendered: 11-May-1984 Licence Hold Address: PO Box 145, De Montfort Street, Leicester Operator: East Midlands Gas
Not shown	1249.0	E	435500,406000.0	Site Address: Mount Osborne Industrial Park, Barnsley, South Yorkshire Waste Licence: Yes Site Reference: 4400/B62 Waste Type: Inert Regis Reference: -	Licence Issue: 11-Jul-1995 Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1271.0	NE	434900,407500.0	Site Address: The Fleets Dam, Off Smithies Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B774, 4400/B774, 20B774 Waste Type: Inert, Commercial Regis Reference: -	Licence Issue: 05-Sep-1990 Licence Surrendered: Licence Hold Address: Stainborough Fisheries, The Wickets, Low Lane, Stainborough, Barnsley Operator: -
Not shown	1279.0	W	432800,406400.0	Site Address: Recreation Ground, Pogmoor Road, Barnsley Waste Licence: - Site Reference: 4400/(134) Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1308.0	W	432700,406300.0	Site Address: Quarry at Higher Spring Head Farm, Oakworth, Keighley Waste Licence: Yes Site Reference: 671, 4400/(130) Waste Type: Inert, Commercial Regis Reference: -	Licence Issue: 21-Aug-1988 Licence Surrendered: Licence Hold Address: 30 Exley Head, Keighley Operator: -
Not shown	1447.0	SE	435500,405400.0	Site Address: South East Corner Cemetery Road, Barnsley Cemetery, Barnsley Waste Licence: - Site Reference: 4400/(148) Waste Type: - Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Barnsley Metropolitan Borough Council

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site:

4

Report Reference: [HMD-283-599239](#)

Brought to you by GroundSure

If you would like any further assistance regarding this report then please contact GroundSure on (T) 01273 819700, (F) 01273 377902, email: info@groundsure.com

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

ID	Distance	Direction	NGR	Details
1	618.0	E	434900,406100	Site Address: The Old Vicarage, Doncaster Road, BARNSLEY, South Yorkshire Landfill Licence: 37AAANAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 01-Jul-1991 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Medium (← 75,000 tonnes/year)
Not shown	834.0	W	433300,406400	Site Address: Summer Lane Dairy, Stocks Lane, BARNSLEY, South Yorkshire, Landfill Licence: 37AAGVAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 01-Jul-1983 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Very Small (← 10,000 tonnes/year)
Not shown	951.0	W	433200,406500	Site Address: West Road, Pogmoor, BARNSLEY, South Yorkshire, Landfill Licence: 37AAVMAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 01-Sep-1987 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Medium (← 75,000 tonnes/year)
Not shown	980.0	W	433200,406600	Site Address: West Road, Pogmoor, BARNSLEY, South Yorkshire Landfill Licence: 37ABCFAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 01-Jul-1987 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Large (← 250,000 tonnes/year)

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

1

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

ID	Distance	Direction	NGR	Details
Not shown	1137.0	W	433000,406100	Address: Disused Quarry, Dodworth Rd, Barnsley, Yorks BGS Number: 1892.0 Risk: No risk to aquifer Waste Type: N/A

Records of Local Authority landfill sites within 1500m of the study site:

5

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

ID	Distance	Direction	Site Address	Source	Data Type
37	389.0	S	Spring Street	Barnsley Metropolitan Borough Council	Point
Not shown	1172.0	W	Refuse Tip	1969 mapping	Polygon
Not shown	1225.0	S	Refuse Tip	1969 mapping	Polygon
Not shown	1452.0	NE	Refuse Tip	1972 mapping	Polygon
Not shown	1454.0	E	Refuse Tip	1970 mapping	Polygon

2.2 Other Waste Sites

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

0

Database searched and no data found.

Report Reference: [HMD-283-599239](#)

Brought to you by GroundSure

If you would like any further assistance regarding this report then please contact GroundSure on (T) 01273 819700, [F] 01273 377902, email: info@groundsure.com

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

2

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

ID	Distance	Direction	NGR	Details
9	388.0	SE	434500,405900	Site Address: Upper New Street, BARNLEY, South Yorkshire, S70 1YC Landfill Licence: 37ABCPAL EA Reference: - Waste Type: Difficult Waste Description: Difficult Known Restrictions: No known restriction on source of waste Record Date: 01-Sep-1992 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: TRANSFER Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Very Small (<10,000 tonnes/year)
10	395.0	NW	433800,406500	Site Address: Chesham Road, off Summer Lane, BARNLEY, South Yorkshire, Landfill Licence: 37AAAJAL EA Reference: - Waste Type: Difficult Waste Description: Difficult Known Restrictions: No known restriction on source of waste Record Date: 01-Nov-1980 Transfer Date: Modification Date: 01-May-1981 Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: STORAGE Regulator: EA - North East Region - Ridings Area (Rotherham) Size: Very Small (<10,000 tonnes/year)

Records of Environment Agency (REGIS) waste sites within 1500m of the study site:

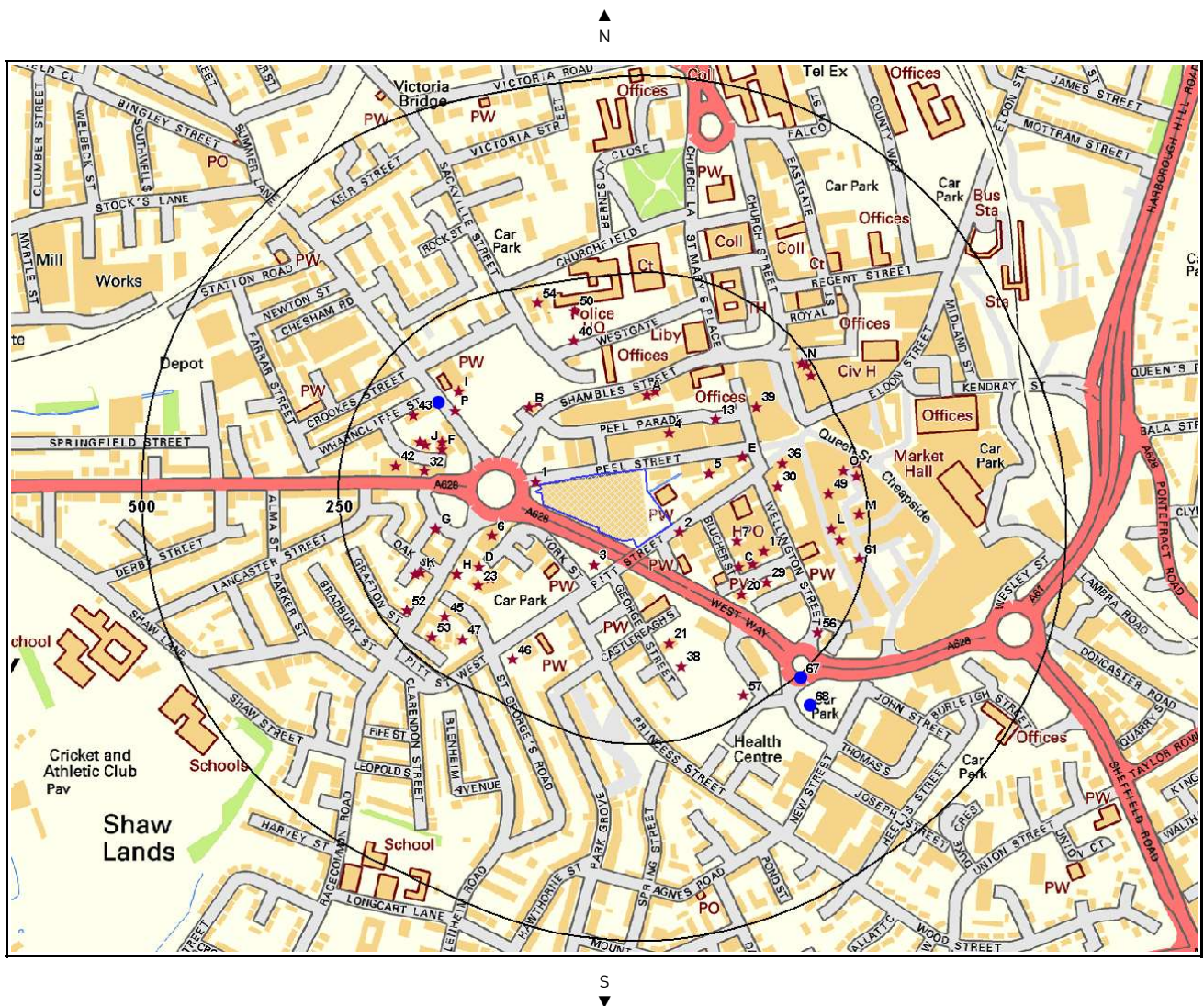
6

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

ID	Distance	Direction	NGR	Details
31	641.0	NE	434800,406650	Site Address: Harborough Hill Road, Harborough, Barnsley, S Yorks, S71 1BD Type: Transfer Stations Size: < 25000 tonnes Regis Licence Number: YOR005 Operator: Yorkshire Electricity Surrendered Date: 13/05/1999 Waste Management licence No: 60598 Annual Tonnage: 0.0 Issue Date: 14/09/1992 Expiry Date: - Effective Date: - Status: Surrendered Modified: - Site Name: - Cancelled Date: - Correspondence Address: -, 98, Aketon Road, Castleford, WF10 5DS
Not shown	1039.0	W	433100,406450	Site Address: Haulage Yard, Off West Road, Pogmoor, Barnsley, S Yorks, S75 2DH Type: Household, Commercial and Industrial transfer stations Size: < 25000 tonnes Regis Licence Number: LYC001 Operator: Lycett Dennis Surrendered Date: - Waste Management licence No: 60564 Annual Tonnage: 0.0 Issue Date: 13/04/1987 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Andrich Skip Hire Cancelled Date: - Correspondence Address: -, 2, Intake Gardens, Barnsley Road, Barnsley, S Yorks, S75 2DP
Not shown	1079.0	W	433077,406535	Site Address: Haulage Yard, Off West Road, Pogmoor, Barnsley, South Yorkshire, S75 2DH Type: Household, Commercial and Industrial transfer stations Size: < 25000 tonnes Regis Licence Number: LYC001 Operator: Lycett D Surrendered Date: - Waste Management licence No: 60564 Annual Tonnage: 25000.0 Issue Date: 4/13/1987 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Andrich Skip Hire Cancelled Date: - Correspondence Address: -, 2, Intake Gardens, Barnsley Road, Barnsley, South Yorkshire, S75 2DP

Not shown	1306.0	E	435600,406300	Site Address: Unit 43, Lidgate Crescent, Langthwaite Grange Indust, South Kirkby, West Yorkshire, WF9 3NR Type: Household, Commercial and Industrial transfer stations Size: < 25000 tonnes Regis Licence Number: OPT001 Operator: Optimum Group Ltd Surrendered Date: 17/04/2001 Waste Management licence No: 65054 Annual Tonnage: 0.0	Issue Date: 15/10/1999 Expiry Date: - Effective Date: - Status: Surrendered Modified: - Site Name: Optimum Group Ltd Cancelled Date: - Correspondence Address: -, Hornby Dock, Regent Road, Bootle, Merseyside, L20 1BG
Not shown	1358.0	E	435650,406130	Site Address: Unit 5, Oakwell Business Centre, Oakwell View, Barnsley, South Yorkshire, S71 1HX Type: Household, Commercial and Industrial transfer stations Size: < 25000 tonnes Regis Licence Number: SRW001 Operator: S R Waste Recycling Ltd Surrendered Date: - Waste Management licence No: 100239 Annual Tonnage: 0.0	Issue Date: 12/03/2008 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: S R Waste Recycling Ltd Cancelled Date: - Correspondence Address: -, 5, Oakwell Business Centre, Oakwell View, Barnsley, South Yorks, S71 1HX
Not shown	1370.0	NE	435200,407300	Site Address: Old Mill Lane, Barnsley, S Yorks Type: Household, Commercial and Industrial transfer stations Size: < 25000 tonnes Regis Licence Number: TRA002 Operator: British Gas Transco Plc Surrendered Date: 06/09/2000 Waste Management licence No: 60545 Annual Tonnage: 0.0	Issue Date: 15/07/1993 Expiry Date: - Effective Date: - Status: Surrendered Modified: - Site Name: Barnsley Depot Cancelled Date: - Correspondence Address: -, Transco, Effingham Street, Sheffield, S Yorks, S4 7YP

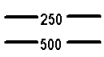
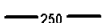
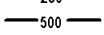
3. Current Land Use Map



Current Land Use Legend

Enabled by  Ordnance Survey

Crown Copyright. All Rights Reserved
Licence Number: 100035207

-  Site Outline
-  Current Industrial Sites
-  Petrol & Fuel Sites
-  Search Buffers (m)
 -  250
 -  500
-  Underground High Pressure Oil & Fuel Pipelines

3. Current Land Uses

3.1 Current Industrial Data

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

65

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

ID	Distance	Direction	Company	Address	Activity	Category
1	7.0	NW	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
2	13.0	SE	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
3	42.0	SW	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
4	54.0	NE	Richies Fashion Shops	2, Peel Street Arcade, Barnsley, S70 2RS	Clothing	Clothing And Accessories
5	75.0	NE	Herbert Brown & Son Ltd	28, Peel Street, Barnsley, S70 2QX	Jewellery and Fashion Accessories	Clothing And Accessories
6	76.0	SW	Warehouse	-	Container and Storage	Transport, Storage And Delivery
7	85.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
8A	94.0	N	Extra Technology Services Ltd	52-56, Shambles Street, Barnsley, S70 2SH	Electrical Equipment Repair and Servicing	Repair And Servicing
9B	99.0	N	National Tyre Service Ltd	Shambles Street, Barnsley, S70 2SB	Vehicle Parts and Accessories	Motoring
10C	100.0	SE	Works	-	Unspecified Works Or Factories	Industrial Features
11A	100.0	N	Bravo	42-44, Shambles Street, Barnsley, S70 2SH	Clothing	Clothing And Accessories
12B	103.0	N	Depot	-	Container and Storage	Transport, Storage And Delivery
13	109.0	NE	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
14D	113.0	SW	Warehouse	-	Container and Storage	Transport, Storage And Delivery
15C	114.0	SE	Warehouse	-	Container and Storage	Transport, Storage And Delivery
16D	115.0	SW	Works	-	Unspecified Works Or Factories	Industrial Features
17	121.0	E	Warehouse	-	Container and Storage	Transport, Storage And Delivery
18E	122.0	NE	T W Davison Ltd	2-8, Peel Street, Barnsley, S70 2QX	Jewellery and Fashion Accessories	Clothing And Accessories
19E	122.0	NE	Distinct Designs	2-8, Peel Street, Barnsley, S70 2QX	Jewellery, Gems, Clocks and Watches	Consumer Products
20	125.0	SE	M C Mills & Co Ltd	Lower Castlereagh Street, Barnsley, S70 1AR	General Purpose Machinery	Industrial Products
21	128.0	S	Compass Engineering Ltd	Compass House, Castlereagh Street, Barnsley, S70 1BA	Car Ports and Steel Buildings	Industrial Products
22F	131.0	NW	Works	-	Unspecified Works Or Factories	Industrial Features
23	132.0	SW	Warehouse	-	Container and Storage	Transport, Storage And Delivery
24F	134.0	NW	Works	-	Unspecified Works Or Factories	Industrial Features
25G	136.0	W	The School Shop	2, Richard Street, Barnsley, S70 6DR	Clothing	Clothing And Accessories
26G	136.0	W	Russell Adams	2, Richard Street, Barnsley, S70 6DR	Clothing, Components and Accessories	Consumer Products

Report Reference: HMD-283-599239

Brought to you by GroundSure

If you would like any further assistance regarding this report then please contact GroundSure on (T) 01273 819700, (F) 01273 377902, email: info@groundsure.com

27H	140.0	SW	Carline Collision & Body Repairs	20a, Racecommon Road, Barnsley, S70 1BH	Vehicle Repair and Servicing	Repair And Servicing
28H	140.0	SW	R S Motorbike Paint	20a, Racecommon Road, Barnsley, S70 1BH	Paints, Varnishes and Lacquers	Industrial Products
29	141.0	SE	Depot	-	Container and Storage	Transport, Storage And Delivery
30	142.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
31P	143.0	NW	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
32	144.0	W	Car Radio Centre	29, Dodworth Road, Barnsley, S70 6DW	Vehicle Repair and Servicing	Repair And Servicing
33J	153.0	NW	S C H Services Ltd	Newburgh Building, McLintock Way, Barnsley, S70 6BF	Industrial Coatings and Finishings	Industrial Products
34I	158.0	NW	Enterprise Garage Ltd	Summer Lane, Barnsley, S70 2NW	Vehicle Repair and Servicing	Repair And Servicing
35I	158.0	NW	Tints Jt	Summer Lane, Barnsley, S70 2NW	Industrial Coatings and Finishings	Industrial Products
36	160.0	NE	Phoenix	10, Peel Square, Barnsley, S70 1YA	Jewellery and Fashion Accessories	Clothing And Accessories
37J	160.0	NW	Fairclough Radiators	1 Jacksons Yard, Dodworth Road, Barnsley, S70 6DZ	Vehicle Repair and Servicing	Repair And Servicing
38	161.0	S	Works	-	Unspecified Works Or Factories	Industrial Features
39	162.0	NE	Currys	11, Market Hill, Barnsley, S70 2PX	Electrical Goods and Components	Household, Office, Leisure And Garden
40	173.0	N	Works	-	Unspecified Works Or Factories	Industrial Features
41K	177.0	SW	Depot	-	Container and Storage	Transport, Storage And Delivery
42	181.0	W	Emp Auto Electrical Ltd	41, Dodworth Road, Barnsley, S70 6DY	Vehicle Repair and Servicing	Repair And Servicing
43	183.0	NW	Wharnccliffe Garage	Summer Lane, Barnsley, S70 6BN	Petrol and Fuel Stations	Road And Rail
44K	185.0	SW	Kwik-Fit GB Ltd	Racecommon Road, Barnsley, S70 6AB	Vehicle Parts and Accessories	Motoring
45	189.0	SW	Sea Cadets Headquarters	-	Armed Services	Central And Local Government
46	196.0	SW	Warehouse	-	Container and Storage	Transport, Storage And Delivery
47	200.0	SW	Works	-	Unspecified Works Or Factories	Industrial Features
48L	201.0	E	Best Jean Co	42, Market Street, Barnsley, S70 1SN	Clothing	Clothing And Accessories
49	203.0	E	Brighthouse Ltd	25-27, Market Street, Barnsley, S70 1SN	Electrical Goods and Components	Household, Office, Leisure And Garden
50	210.0	N	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
51L	213.0	E	Greenwoods Menswear Ltd	48, Market Street, Barnsley, S70 1SN	Clothing	Clothing And Accessories
52	219.0	SW	Aesthetic Dental Ceramics	55, Racecommon Road, Barnsley, S70 6AB	Dental Laboratories	Health Practitioners And Establishments
53	219.0	SW	ATC HQ	-	Armed Services	Central And Local Government
54	227.0	N	Warehouses	-	Container and Storage	Transport, Storage And Delivery
550	227.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
56	230.0	SE	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
57	231.0	SE	Works	-	Unspecified Works Or Factories	Industrial Features
58M	237.0	E	Superdrug Stores Plc	24-32, Cheapside, Barnsley, S70 1RR	Chemists and Pharmacies	Health Practitioners And Establishments
59M	237.0	E	New Look Ltd	Unit 2 24-32, Cheapside, Barnsley, S70 1RR	Clothing	Clothing And Accessories
60N	239.0	NE	Pollyanna Barnsley Ltd	14-16, Market Hill, Barnsley, S70 2QE	Clothing	Clothing And Accessories

Report Reference: [HMD-283-599239](#)

Brought to you by GroundSure

If you would like any further assistance regarding this report then please contact GroundSure on (T) 01273 819700, [F] 01273 377902, email: info@groundsure.com

61	241.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure And Facilities
62N	241.0	NE	Gallery	18, Market Hill, Barnsley, S70 2QE	Clothing	Clothing And Accessories
630	242.0	E	P & J Textiles	8-10, Cheapside, Barnsley, South Yorkshire, S70 1RQ	Curtains and Blinds	Consumer Products
64N	243.0	NE	Rehab	2-4, The Arcade, Barnsley, S70 2QN	Clothing	Clothing And Accessories
650	245.0	E	Ernest Jones Ltd	4, Cheapside, Barnsley, S70 1RR	Jewellery and Fashion Accessories	Clothing And Accessories

3.2 Petrol and Fuel Sites

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

3

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance	Direction	NGR	Company	Address	LPG	Status
66P	166.0	NW	434000, 406385	Total	Wharnccliffe Garage, Summer Lane, Summer Lane, Barnsley, South Yorkshire, S70 6BN	No	Open
67	255.0	SE	434459, 406035	Obsolete	Westways Service Station, 1, Westways, Westways, Barnsley, South Yorkshire, S70 1PN	Not Applicable	Obsolete
68	290.0	SE	434471, 406000	Morrisons	Morrisons Barnsley, Lower Thomas Street, Lower Thomas Street, Kingstone, Barnsley, South Yorkshire, S70 1LQ	Yes	Open

3.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site:

0

Database searched and no data found.

4. Geology

4.1 Artificial Ground and Made Ground

Database searched and no data found.

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

4.2 Superficial Ground and Drift Geology

Database searched and no data found.

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

4.3 Bedrock and Solid Geology

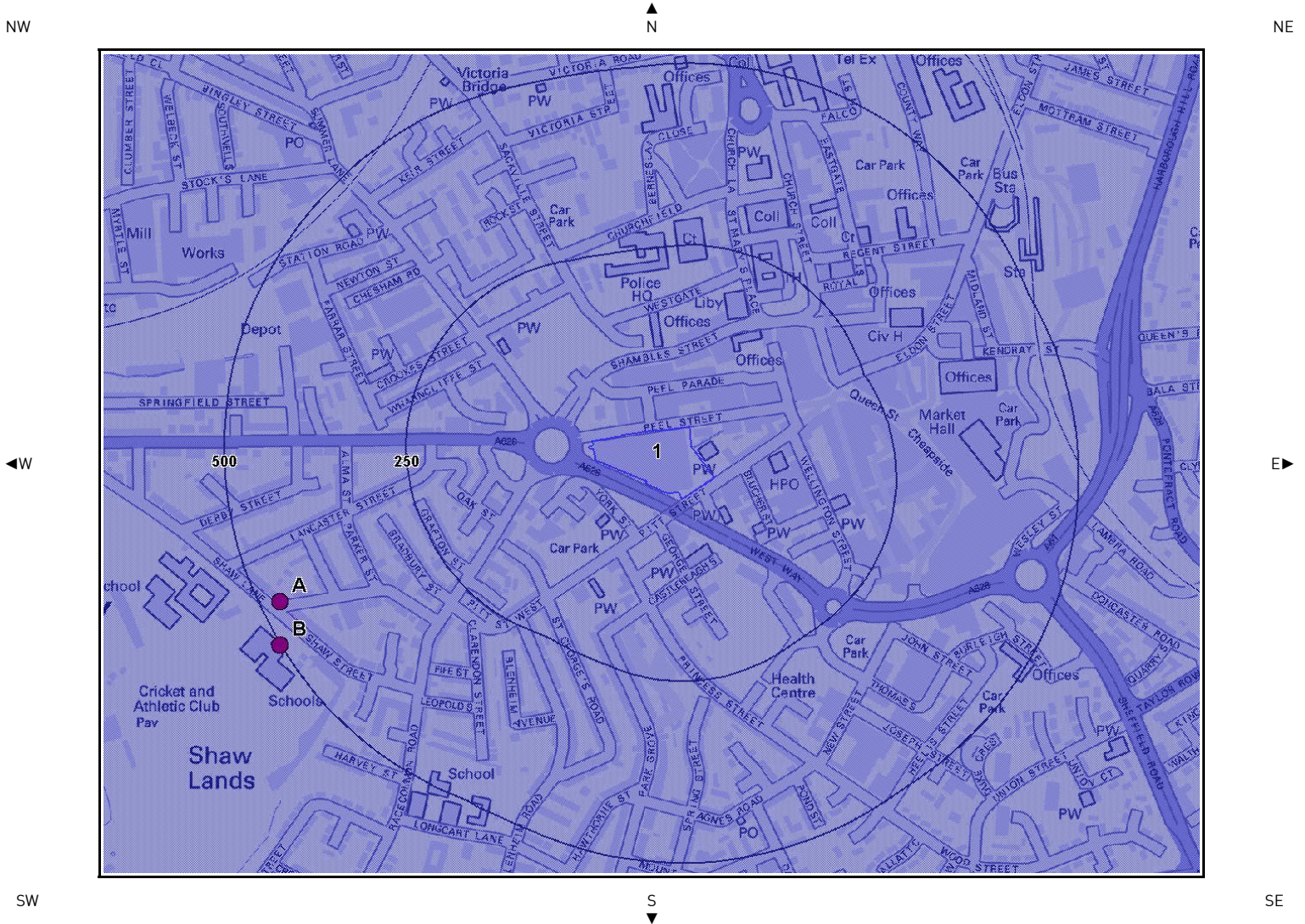
The database has been searched on site, including a 50m buffer.

LEX Code	Description	Rock Type
KNR-SDST	KENT'S ROCK	SANDSTONE
PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION	MUDSTONE, SILTSTONE AND SANDSTONE
PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION	SANDSTONE

[Derived from the BGS 1:50,000 Digital Geological Map of Great Britain]

For more detailed geological and ground stability data please refer to the "GroundSure GeolInsight". Available from our website.

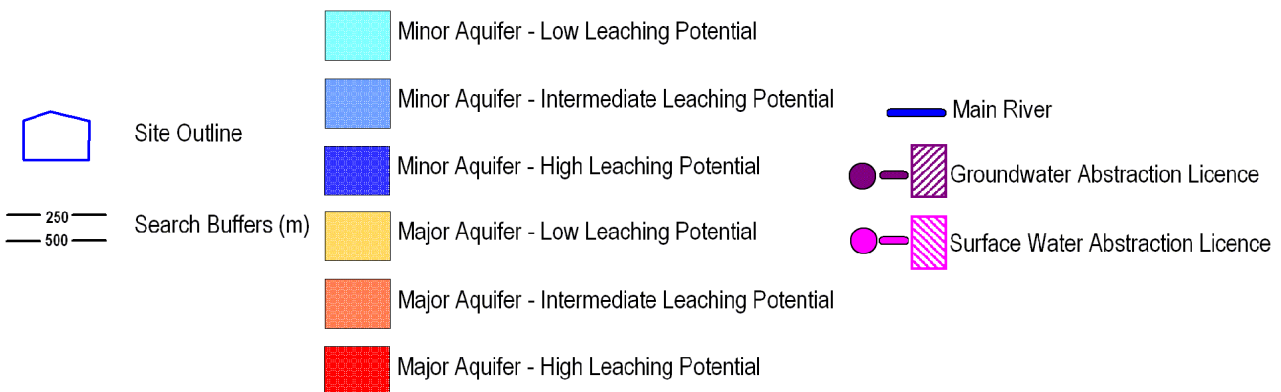
5. Hydrogeology and Hydrology - Aquifer and Abstraction Licence Map



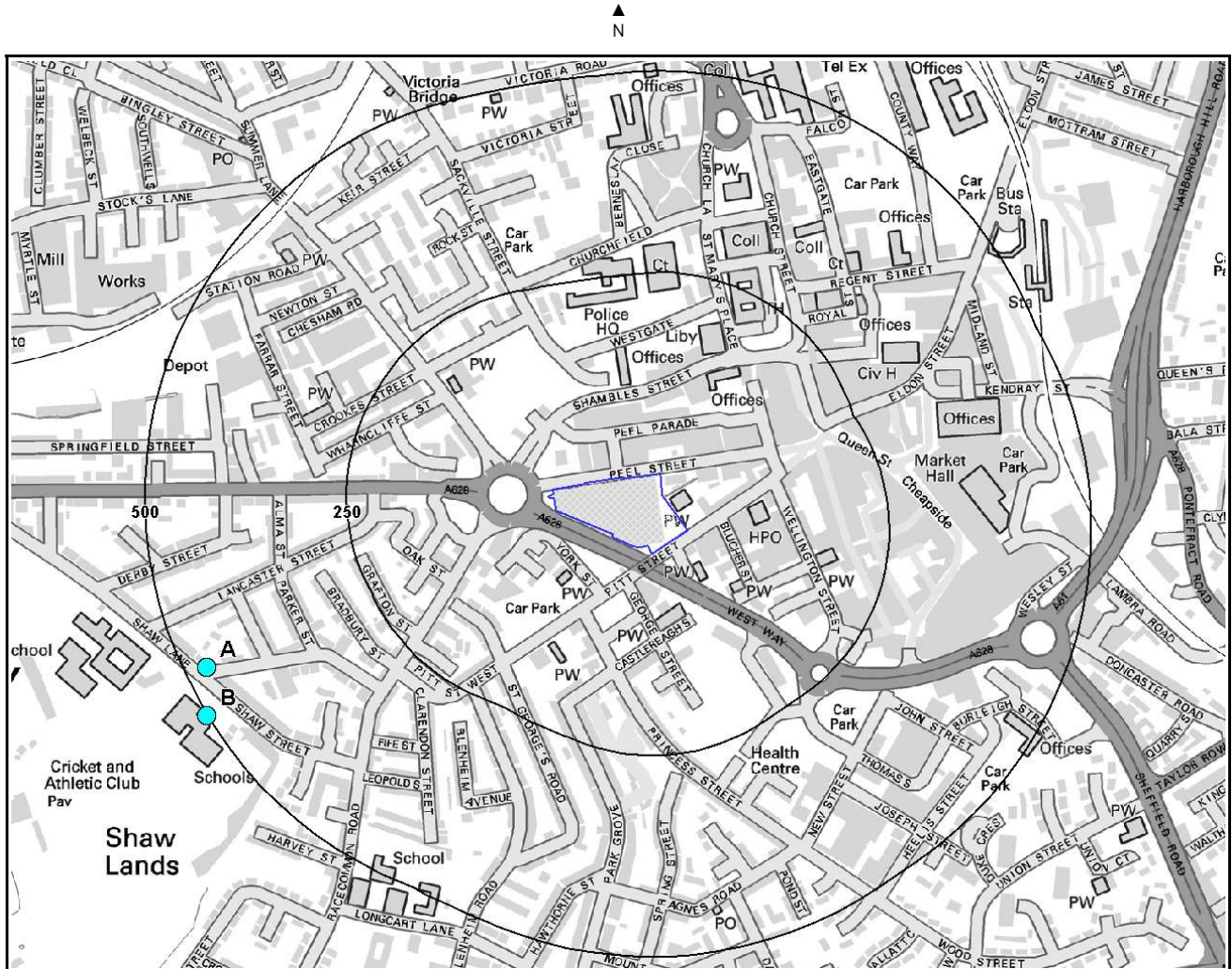
Hydrogeology and Hydrology Legend

Enabled by 

Crown Copyright. All Rights Reserved
Licence Number: 100035207



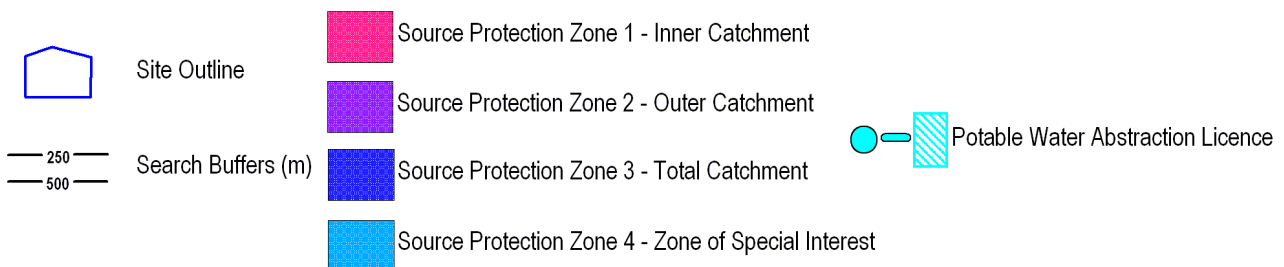
5b. Hydrogeology and Hydrology - SPZ and Potable Water Abstraction Map



Hydrogeology and Hydrology Legend

Enabled by 

Crown Copyright. All Rights Reserved
Licence Number: 100035207



5. Hydrogeology and Hydrology

5.1 Groundwater Vulnerability and Soil Classification

Records of aquifer and soil classification within 200m of the study site:

Yes

The following groundwater information is represented as polygons on the Aquifer and Abstraction Licence Map:

ID	Distance	Direction	Classification
1	0.0	On Site	Minor Aquifer/High Leaching Potential

5.2 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 1000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer and Abstraction Licence Map:

ID	Distance	Direction	NGR	Details
2A	474.0	SW	433700,406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring - Sandstone&middle Coal Measures - Barnsley Data Type: Point Original Application No: Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date: -
3A	474.0	SW	433700,406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring-sandstone/middle Coal Measures-shaw Lane Data Type: Point Original Application No: Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date: -
4B	503.0	SW	433700,406000	Licence No: 2/27/08/110 Details: Water Bottling Direct Source: Groundwaters Point: Well/spring - Sandstone/middle Coal Measures - Shaw Lane Data Type: Point Original Application No: Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 100 Version Start Date: 1/12/1999 Version End Date: -
5B	503.0	SW	433700,406000	Licence No: 2/27/08/110 Details: Water Bottling Direct Source: Groundwaters Point: Spring-sandstone/middle Coal Measures-shaw Lane Data Type: Point Original Application No: Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 101 Version Start Date: 8/4/2003 Version End Date: -

5.3 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 1000m of the study site?

No

Database searched and no data found.

5.4 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site?

Yes

The following Potable Water Abstraction Licences records are represented as points, lines and regions on the SPZ and Potable Water Abstraction Map:

ID	Distance	Direction	NGR	Details
----	----------	-----------	-----	---------

1A	474.0	SW	433700,406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring-sandstone/middle Coal Measures-shaw Lane Data Type: Point	Original Application No: Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date: -
2A	474.0	SW	433700,406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring - Sandstone&middle Coal Measures - Barnsley Data Type: Point	Original Application No: Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date: -
3B	503.0	SW	433700,406000	Licence No: 2/27/08/110 Details: Water Bottling Direct Source: Groundwaters Point: Well/spring - Sandstone/middle Coal Measures - Shaw Lane Data Type: Point	Original Application No: Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 100 Version Start Date: 1/12/1999 Version End Date: -
4B	503.0	SW	433700,406000	Licence No: 2/27/08/110 Details: Water Bottling Direct Source: Groundwaters Point: Spring-sandstone/middle Coal Measures-shaw Lane Data Type: Point	Original Application No: Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 101 Version Start Date: 8/4/2003 Version End Date: -

5.5 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

5.6 River Quality

Is there any Environment Agency information on river quality within 500m of the study site?

No

Database searched and no data found.

5.7 Main Rivers

Are there any Main Rivers within 500m of the study site?

No

Database searched and no data found.

5.8 Surface Water Features

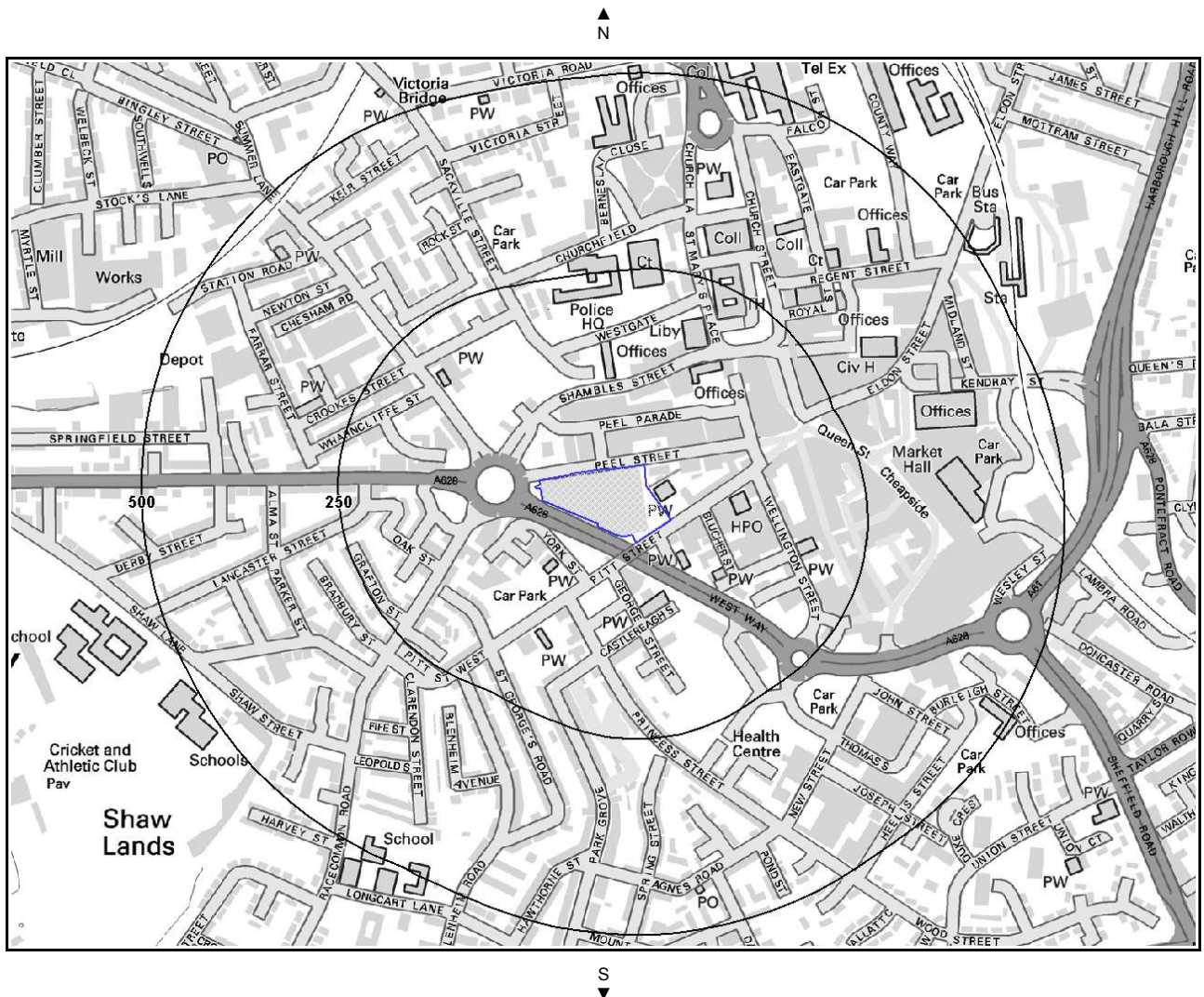
Are there any surface water features within 250m of the study site?

Yes

The following surface water records are not represented on mapping:

Distance to Surface Water (m)	on-site	0-50	51-250
Surface water features within 250m of the study site	No	Yes	No

6. Surface Water Flood Map



Surface Water Flood Legend

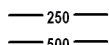
Enabled by



Crown Copyright. All Rights Reserved
Licence Number: 100035207



Site Outline



Search Buffers (m)



Zone 2 Floodplain



Zone 3 Floodplain



Flood Storage Area



Area Benefiting from Flood Defences



Flood Defences

6. Flooding

6.1 Zone 2 Flooding

Zone 2 floodplain estimates the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and the sea but less than 1% from rivers or 0.5% from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 2 floodplain?

No

Guidance: More detailed information may be available from the Environment Agency through their floodline (0845 988 1188) or by ordering an Environment Agency Flood Report from the local Environment Agency Office.

Database searched and no data found.

6.2 Zone 3 Flooding

Zone 3 estimates the annual probability of flooding as one in one hundred (1%) or greater from rivers and a one in two hundred (0.5%) or greater from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 3 floodplain?

No

Guidance: More detailed information may be available from the Environment Agency through their floodline (0845 988 1188) or by ordering an Environment Agency Flood Report from the local Environment Agency Office.

Database searched and no data found.

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site ?

No

6.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site?

No

Guidance: More detailed information may be available from the Environment Agency through their floodline (0845 988 1188) or by ordering an Environment Agency Flood Report from the local Environment Agency Office.

6.5 Areas used for Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?

No

Guidance: More detailed information may be available from the Environment Agency through their floodline (0845 988 1188) or by ordering an Environment Agency Flood Report from the local Environment Agency Office.

6.6 Groundwater Flooding Susceptibility Areas

Are there any British Geological Survey groundwater flooding susceptibility flood areas within 50m of the boundary of the study site?

Yes

What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Not Applicable

Guidance: Where groundwater flooding susceptibility is not applicable, this means that you need take no further action in relation to groundwater hazard in this area.

6.7 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result?

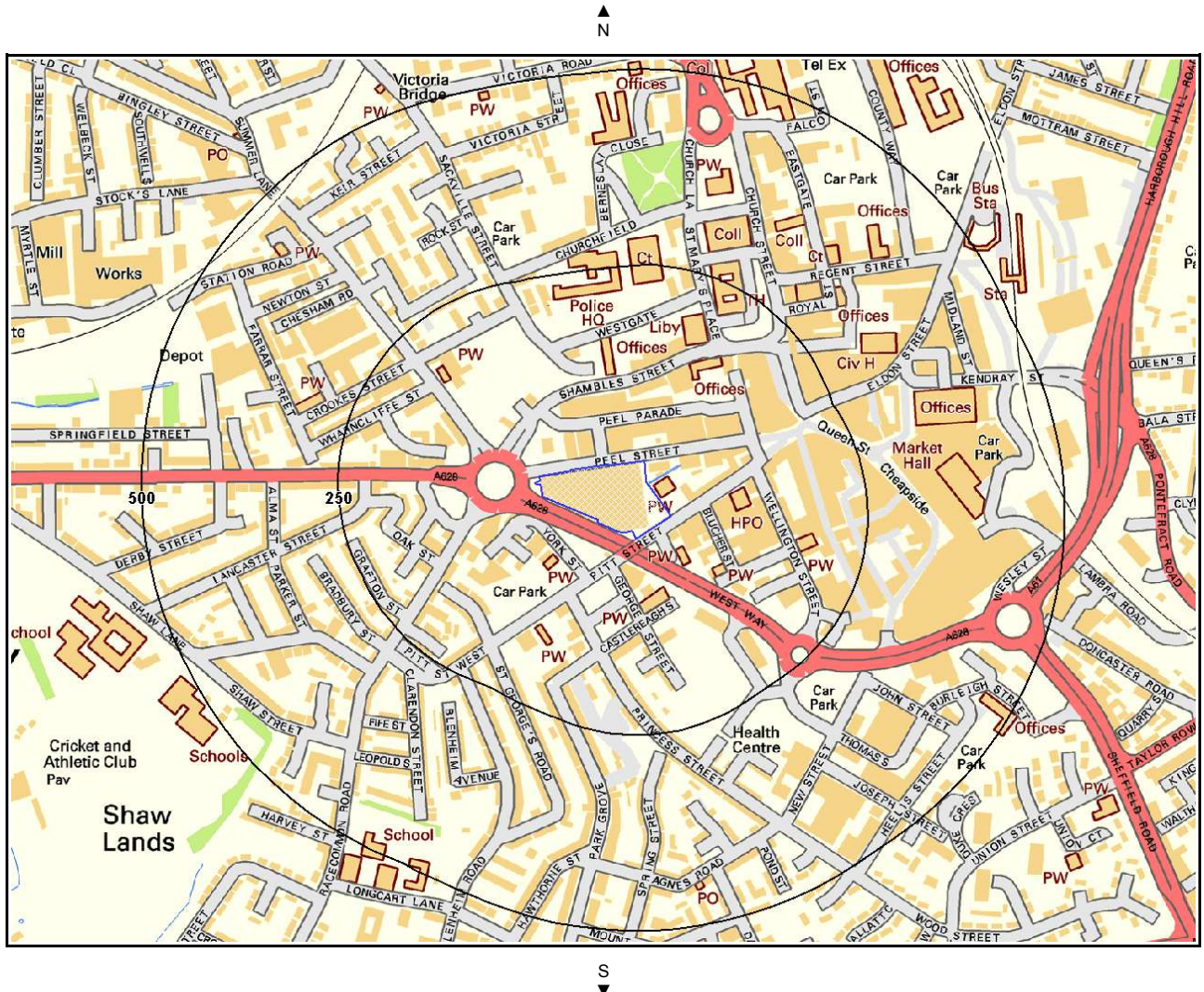
Moderately High

Notes:

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

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

7.Designated Environmentally Sensitive Sites Map



Designated Environmentally Sensitive Sites Legend

Enabled by 

Crown Copyright. All Rights Reserved
Licence Number: 100035207



7. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 500m of the study site?	Yes
Records of Sites of Special Scientific Interest (SSSI) within 500m of the study site:	0
Database searched and no data found.	
Records of National Nature Reserves (NNR) within 500m of the study site:	0
Database searched and no data found.	
Records of Special Areas of Conservation (SAC) within 500m of the study site:	0
Database searched and no data found.	
Records of Special Protection Areas (SPA) within 500m of the study site:	0
Database searched and no data found.	
Records of Ramsar sites within 500m of the study site:	0
Database searched and no data found.	
Records of Local Nature Reserves (LNR) within 500m of the study site:	0
Database searched and no data found.	
Records of World Heritage Sites within 500m of the study site:	0
Database searched and no data found.	
Records of Environmentally Sensitive Areas within 500m of the study site:	0
Database searched and no data found.	
Records of Areas of Outstanding Natural Beauty (AONB) within 500m of the study site:	0
Database searched and no data found.	
Records of National Parks (NP) within 500m of the study site:	0
Database searched and no data found.	
Records of Nitrate Sensitive Areas within 500m of the study site:	0
Database searched and no data found.	
Records of Nitrate Vulnerable Zones within 500m of the study site:	1