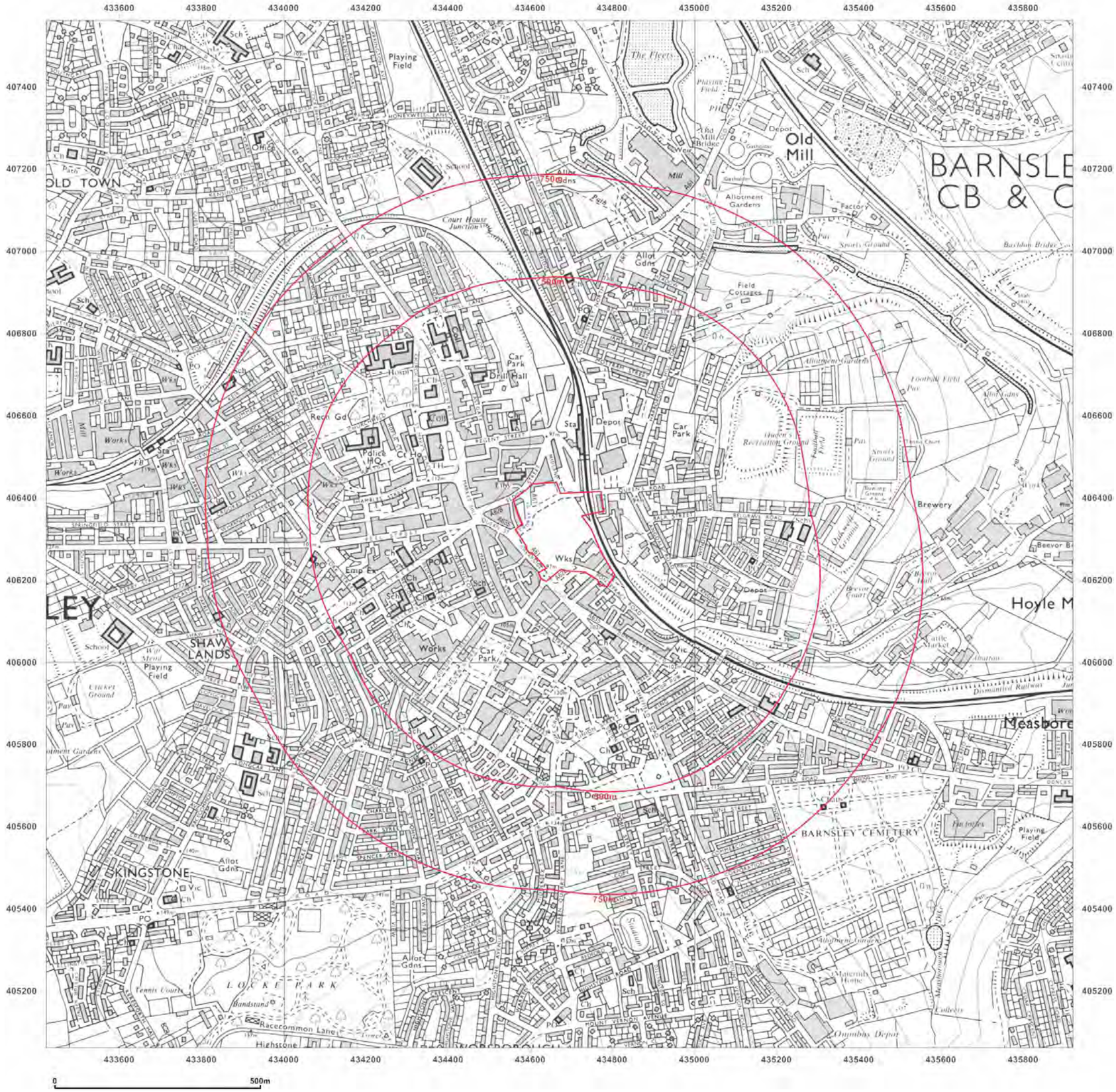

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Site Details:

BETTER BARNSLEY, S70 1DD

Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: National Grid

Map date: **1973-1974**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1973
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Edition N/A
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Surveyed 1974
Revised 1974
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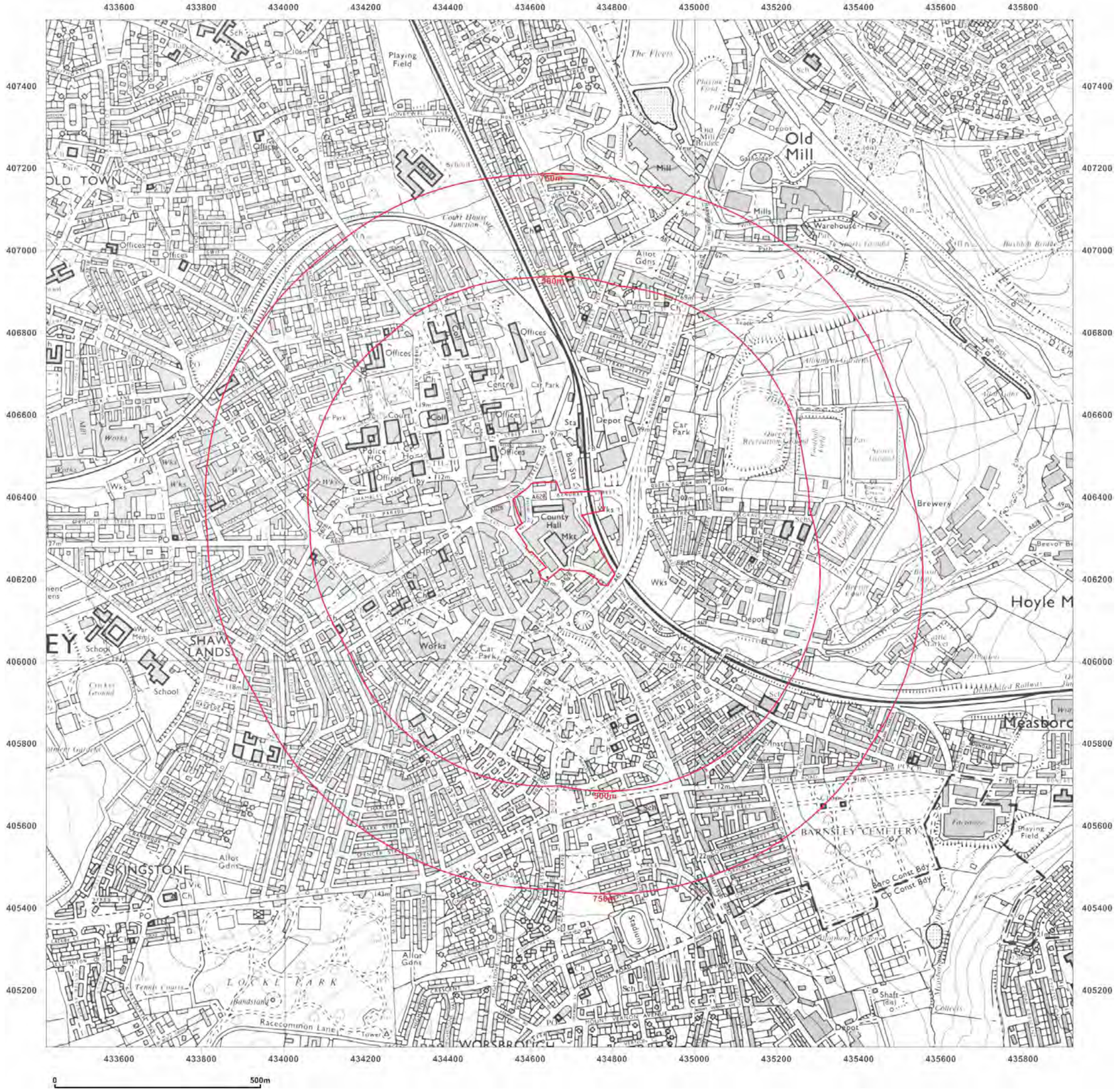
To view map legend click here *Legend*



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Site Details:

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Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: National Grid

Map date: **1982**

Scale: 1:10,000

Printed at: 1:10,000

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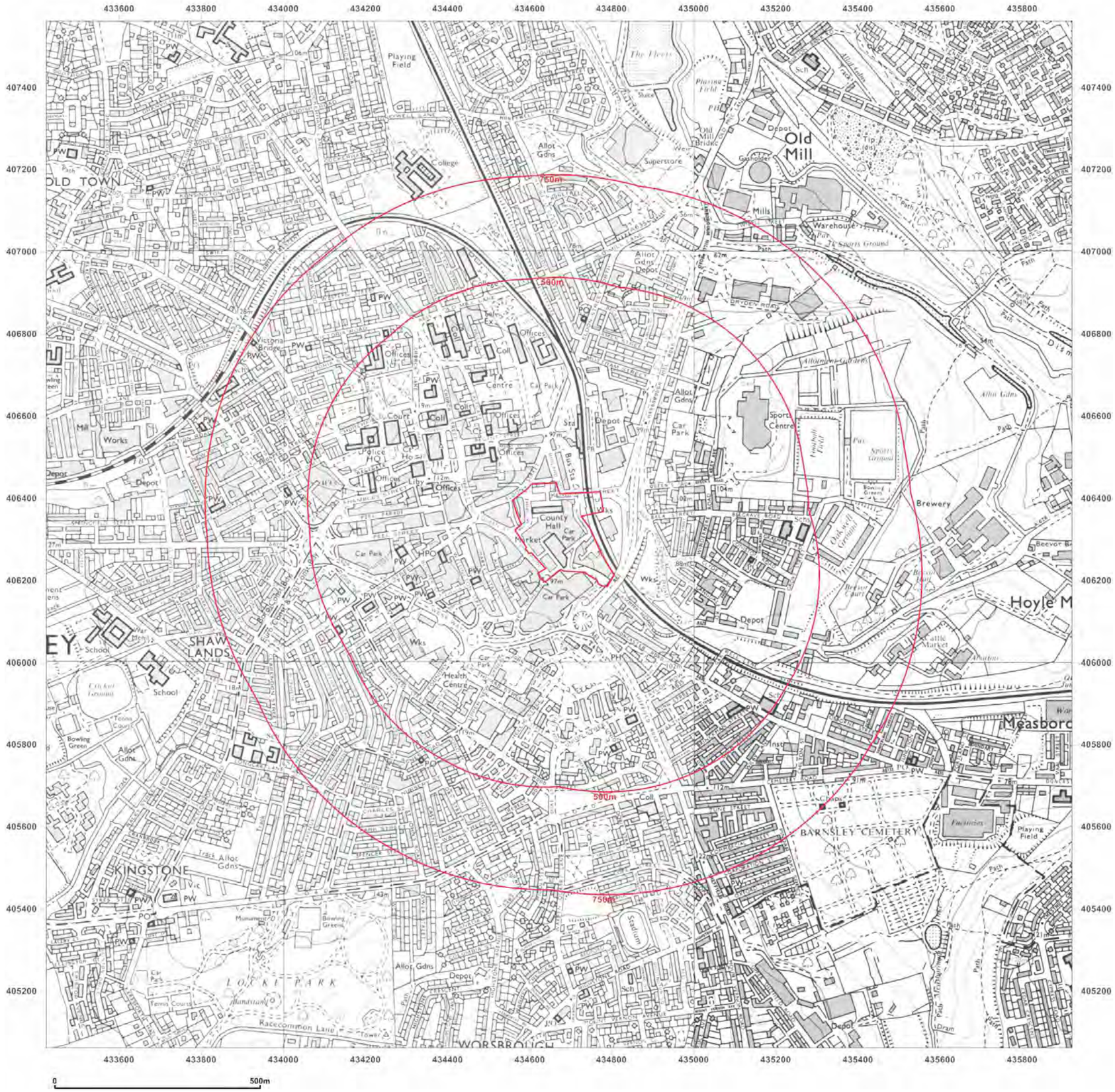

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Site Details:

BETTER BARNSLEY, S70 1DD

Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: National Grid

Map date: **1992-1993**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1992
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Surveyed 1981
Revised 1992
Edition N/A
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Site Details:

BETTER BARNSLEY, S70 1DD

Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: 1:10,000 Raster

Map date: **2002**

Scale: 1:10,000

Printed at: 1:10,000

N
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Production date: 14 April 2015

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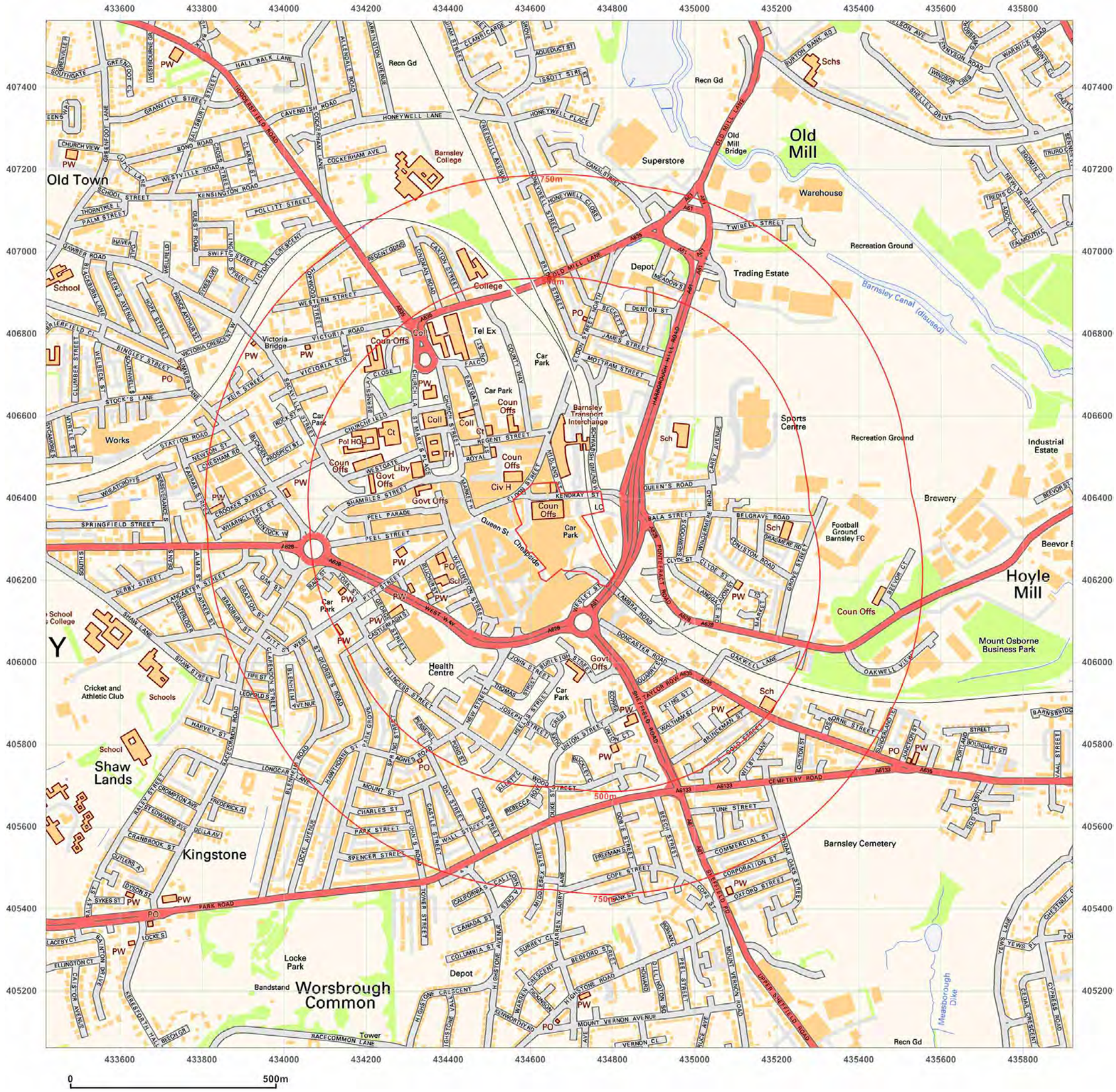

Groundsure INSIGHTS

Site Details:

BETTER BARNSLEY, S70 1DD

Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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Production date: 14 April 2015

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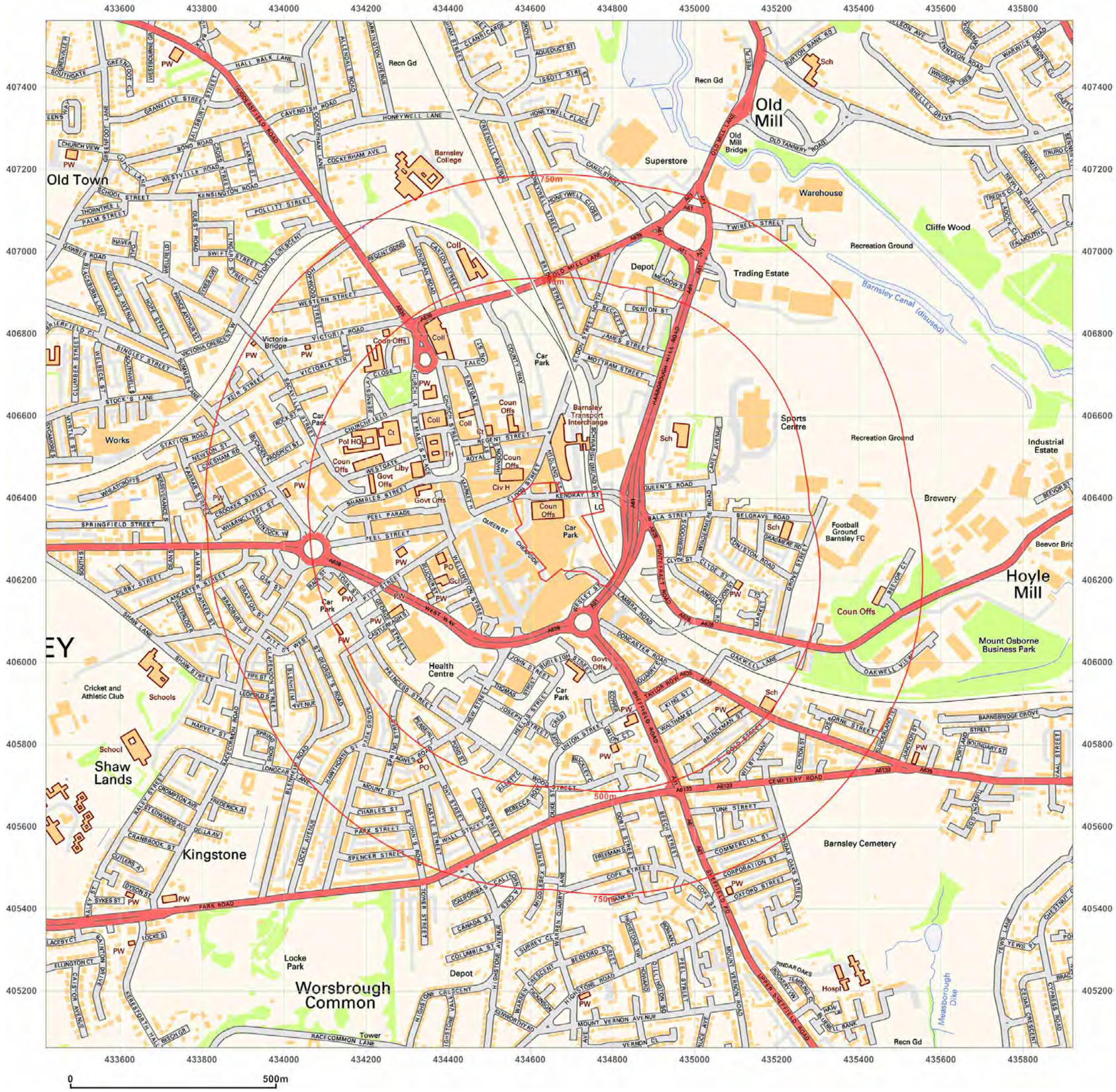

Groundsure INSIGHTS

Site Details:

BETTER BARNSLEY, S70 1DD

Client Ref: Better_Barnsley_Project
Report Ref: GS-2017329
Grid Ref: 434671, 406312

Map Name: National Grid

Map date: **2014**

Scale: 1:10,000

Printed at: 1:10,000

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Appendix B

Groundsure EnviroInsight Report

Robson Liddle Ltd

NAVIGATION HOUSE N P S NORTH EAST LTD,
WHISTLER DRIVE,
CASTLEFORD, WF10 5HX

Groundsure Reference:	GS-2017327
Your Reference:	Better_Barnsley_Project
Report Date	14 Apr 2015
Report Delivery Method:	Email - pdf

Groundsure Enviroinsight

Address: BETTER BARNSLEY, S70 1DD

Dear Sir/ Madam,

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

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above Groundsure reference number.

Yours faithfully,

Managing Director
Groundsure Limited

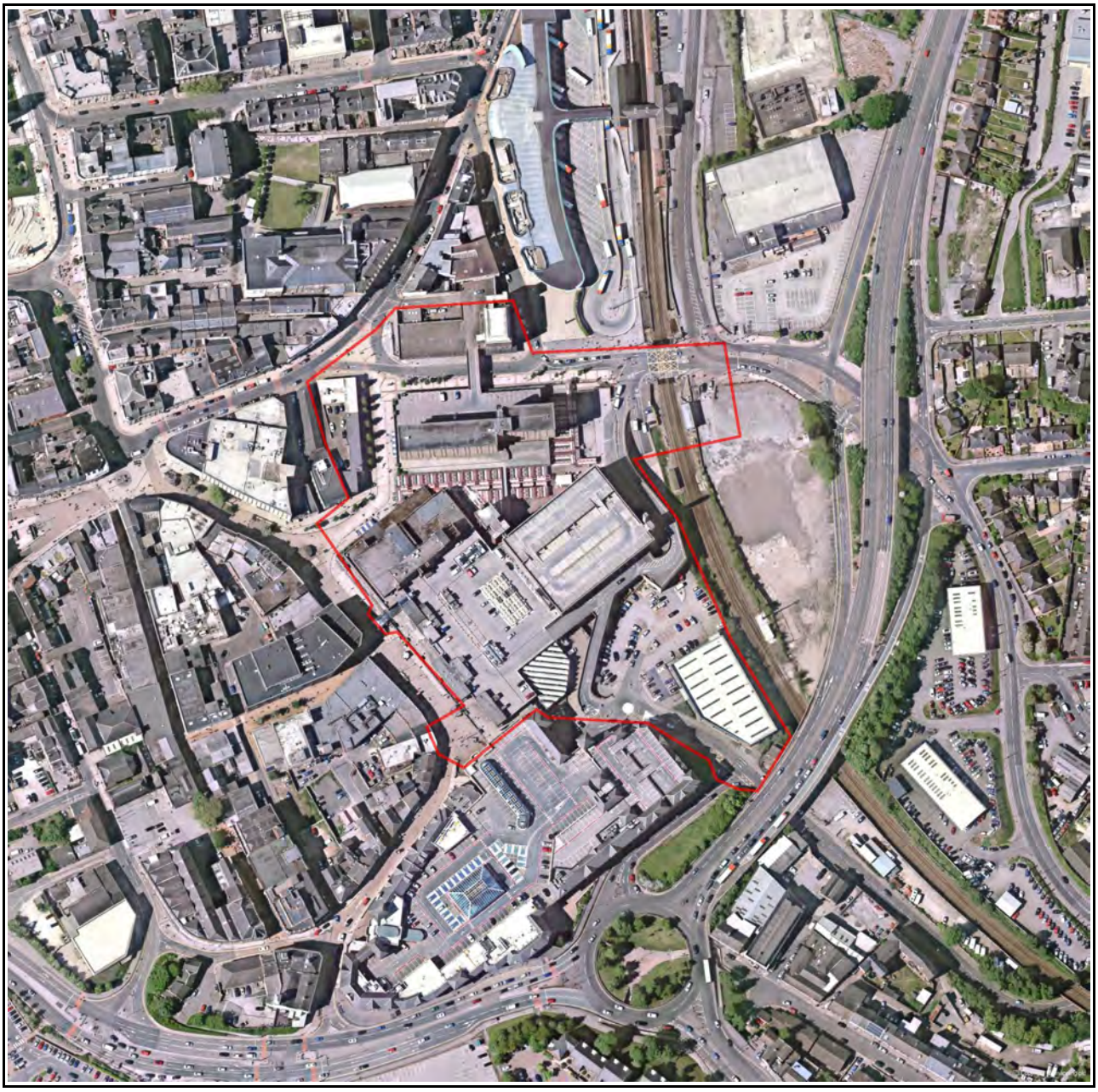
Enc.
Groundsure Enviroinsight

Groundsure Enviroinsight

Address:	**BETTER BARNSLEY, S70 1DD**
Date:	**14 Apr 2015**
Reference:	**GS-2017327**
Client:	**Robson Liddle Ltd**

NW N NE

W E



SW S SE

Aerial Photograph Capture date:	07-Jun-2013
Grid Reference:	434671,406312
Site Size:	3.84ha

Contents Page

Contents Page 3
Overview of Findings 5
Using this report 9
1. Environmental Permits, Incidents and Registers Map 10
1. Environmental Permits, Incidents and Registers 11
1.1 Industrial Sites Holding Licences and/or Authorisations 11
1.1.1 Records of historic IPC Authorisations within 500m of the study site: 11
1.1.2 Records of Part A(1) and IPPC Authorised Activities within 500m of the study site: 11
1.1.3 Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site: 14
1.1.4 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site: 14
1.1.5 Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site: 15
1.1.6 Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: 15
1.1.7 Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site: 15
1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations: 16
1.1.9 Records of Licensed Discharge Consents within 500m of the study site: 16
1.1.10 Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site: 18
1.2 Dangerous or Hazardous Sites 18
1.3 Environment Agency Recorded Pollution Incidents 18
1.3.1 Records of National Incidents Recording System, List 2 within 500m of the study site: 18
1.3.2 Records of National Incidents Recording System, List 1 within 500m of the study site: 18
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990 19
2. Landfill and Other Waste Sites Map 20
2. Landfill and Other Waste Sites 21
2.1 Landfill Sites 21
2.1.1 Records from Environment Agency landfill data within 1000m of the study site: 21
2.1.2 Records of Environment Agency historic landfill sites within 1500m of the study site: 21
2.1.3 Records of BGS/DoE non-operational landfill sites within 1500m of the study site: 24
2.1.4 Records of Local Authority landfill sites within 1500m of the study site: 24
2.2 Other Waste Sites 25
2.2.1 Records of waste treatment, transfer or disposal sites within 500m of the study site: 25
2.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site: 25
3. Current Land Use Map 28
3. Current Land Uses 29
3.1 Current Industrial Data 29
3.2 Petrol and Fuel Sites 32
3.3 Underground High Pressure Oil and Gas Pipelines 33
4. Geology 34
4.1 Artificial Ground and Made Ground 34
4.2 Superficial Ground and Drift Geology 34
4.3 Bedrock and Solid Geology 34
5. Hydrogeology and Hydrology 35
5a. Aquifer Within Superficial Geology 35
5b. Aquifer Within Bedrock Geology and Abstraction Licenses 36
5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses 37
5d. Hydrology Source Protection Zones within confined aquifer 38
5 e. Hydrology – Detailed River Network and River Quality 39
5. Hydrogeology and Hydrology 40
5.1 Aquifer within Superficial Deposits 40
5.2 Aquifer within Bedrock Deposits 40

5.3 Groundwater Abstraction Licences....41
5.4 Surface Water Abstraction Licences....42
5.5 Potable Water Abstraction Licences....42
5.6 Source Protection Zones....43
5.7 Source Protection Zones within Confined Aquifer....43
5.8 Groundwater Vulnerability and Soil Leaching Potential....44
5.9 River Quality....44
5.9.1 Biological Quality:....44
5.9.2 Chemical Quality:....44
5.10 Detailed River Network....45
5.11 Surface Water Features....45
6. Environment Agency Flood Map for planning (from rivers and the sea)....46
6. Flooding....47
6.1 Zone 2 Flooding....47
6.2 Zone 3 Flooding....47
6.3 Flood Defences....47
6.4 Areas benefiting from Flood Defences....47
6.5 Areas benefiting from Flood Storage....47
6.6 Groundwater Flooding Susceptibility Areas....48
6.6.1 Are there any British Geological Survey groundwater flooding susceptibility areas within 50m of the boundary of the study site?....48
6.6.2 What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?....48
6.7 Groundwater Flooding Confidence Areas....48
7. Designated Environmentally Sensitive Sites Map....49
7. Designated Environmentally Sensitive Sites....50
7.1 Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site:....50
7.2 Records of National Nature Reserves (NNR) within 2000m of the study site:....50
7.3 Records of Special Areas of Conservation (SAC) within 2000m of the study site:....50
7.4 Records of Special Protection Areas (SPA) within 2000m of the study site:....50
7.5 Records of Ramsar sites within 2000m of the study site:....50
7.6 Records of Ancient Woodland within 2000m of the study site:....51
7.7 Records of Local Nature Reserves (LNR) within 2000m of the study site:....51
7.8 Records of World Heritage Sites within 2000m of the study site:....51
7.9 Records of Environmentally Sensitive Areas within 2000m of the study site:....51
7.10 Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site:....51
7.11 Records of National Parks (NP) within 2000m of the study site:....51
7.12 Records of Nitrate Sensitive Areas within 2000m of the study site:....52
7.13 Records of Nitrate Vulnerable Zones within 2000m of the study site:....52
7.14 Records of Green Belt land within 2000m of the study site:....52
8. Natural Hazards Findings....53
8.1 Detailed BGS GeoSure Data....53
8.1.1 Shrink Swell....53
8.1.2 Landslides....53
8.1.3 Soluble Rocks....54
8.1.4 Compressible Ground....54
8.1.5 Collapsible Rocks....54
8.1.6 Running Sand....55
9. Mining....56
9.1 Coal Mining....56
9.2 Shallow Mining....56
9.3 Brine Affected Areas....56
Contact Details....57
Standard Terms and Conditions....59

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LOCATION INTELLIGENCE

Overview of Findings

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

Section 1: Environmental Permits, Incidents and Registers	On-site	0-50m	51-250	251-500
1.1 Industrial Sites Holding Environmental Permits and/or Authorisations				
1.1.1 Records of historic IPC Authorisations	0	0	0	0
1.1.2 Records of Part A(1) and IPPC Authorised Activities	0	0	24	0
1.1.3 Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0
1.1.4 Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0
1.1.5 Records of List 1 Dangerous Substances Inventory sites	0	0	0	0
1.1.6 Records of List 2 Dangerous Substances Inventory sites	0	0	0	0
1.1.7 Records of Part A(2) and Part B Activities and Enforcements	0	0	5	4
1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0
1.1.9 Records of Licensed Discharge Consents	2	1	8	2
1.1.10 Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0
1.2 Records of COMAH and NIHHS sites	0	0	0	0
1.3 Environment Agency Recorded Pollution Incidents				
1.3.1 National Incidents Recording System, List 2	0	1	0	0
1.3.2 National Incidents Recording System, List 1	0	0	0	0
1.4 Sites Determined as Contaminated Land under Part 2A EPA 1990	0	0	0	0

Section 2: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-5000
2.1 Landfill Sites						
2.1.1 Environment Agency Registered Landfill Sites	0	0	0	0	0	Not searched
2.1.2 Environment Agency Historic Landfill Sites	0	0	1	1	9	11
2.1.3 BGS/DoE Landfill Site Survey	0	0	0	0	0	0
2.1.4 Groundsure Local Authority Landfill Sites Data	0	0	0	0	2	3
2.2 Landfill and Other Waste Sites Findings						

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LOCATION INTELLIGENCE

Section 2: Landfill and Other Waste Sites	On-site	0-50m	51-250	251-500	501-1000	1000-5000
2.2.1 Operational and Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	1	3	Not searched	Not searched
2.2.2 Environment Agency Licensed Waste Sites	0	0	1	0	3	4

Section 3: Current Land Use	On-site	0-50m	51-250	251-500
3.1 Current Industrial Sites Data	10	8	60	Not searched
3.2 Records of Petrol and Fuel Sites	0	0	2	2
3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0

Section 4: Geology	
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?	None
4.3 For records of Bedrock and Solid Geology beneath the study site see the detailed findings section.	

Section 5: Hydrogeology and Hydrology	0-500m
5.1 Are there any records of Strata Classification in the Superficial Geology within 500m of the study site?	No
5.2 Are there any records of Strata Classification in the Bedrock Geology within 500m of the study site?	Yes

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
5.3 Groundwater Abstraction Licences (within 2000m of the study site)	0	0	0	0	4	0
5.4 Surface Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	0	3
5.5 Potable Water Abstraction Licences (within 2000m of the study site)	0	0	0	0	4	0
5.6 Source Protection Zones (within 500m of the study site)	0	0	0	0	Not searched	Not searched
5.7 Source Protection Zones within Confined Aquifer	0	0	0	0	Not searched	Not searched
5.8 Groundwater Vulnerability and Soil Leaching Potential (within 500m of the study site)	1	0	0	0	Not searched	Not searched

	On-site	0-50m	51-250	251-500	501-1000	1000-1500
5.9 Is there any Environment Agency information on river quality within 1500m of the study site?	No	No	No	No	Yes	Yes
5.10 Detailed River Network entries within 500m of the site	1	0	0	0	Not searched	Not searched
5.11 Surface water features within 250m of the study site	No	No	No	Not searched	Not searched	Not searched

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LOCATION INTELLIGENCE

Section 6: Flooding

6.1 Are there any Environment Agency Zone 2 floodplains within 250m of the study site?	No
6.2 Are there any Environment Agency 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?	Potential at Surface
6.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Low

Section 7: Designated Environmentally Sensitive Sites

	On-site	0-50m	51-250	251-500	501-1000	1000-2000
7.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
7.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
7.3 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
7.4 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
7.5 Records of Ramsar sites	0	0	0	0	0	0
7.6 Records of Ancient Woodlands	0	0	0	0	0	0
7.7 Records of Local Nature Reserves (LNR)	0	0	0	0	1	0
7.8 Records of World Heritage Sites	0	0	0	0	0	0
7.9 Records of Environmentally Sensitive Areas	0	0	0	0	0	0
7.10 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
7.11 Records of National Parks	0	0	0	0	0	0
7.12 Records of Nitrate Sensitive Areas	0	0	0	0	0	0
7.13 Records of Nitrate Vulnerable Zones	1	0	0	0	0	0
7.14 Records of Green Belt Data	0	0	0	0	1	1

Section 8: Natural Hazards

8.1 What is the maximum risk of natural ground subsidence?	Low
8.1.1 What is the maximum Shrink-Swell hazard rating identified on the study site?	Very Low
8.1.2 What is the maximum Landslides hazard rating identified on the study site?	Very Low
8.1.3 What is the maximum Soluble Rocks hazard rating identified on the study site?	Negligible
8.1.4 What is the maximum Compressible Ground hazard rating identified on the study site?	Negligible
8.1.5 What is the maximum Collapsible Rocks hazard rating identified on the study site?	Very Low
8.1.6 What is the maximum Running Sand hazard rating identified on the study site?	Low

Section 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. Environmental Permits, Incidents and Registers

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

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 productive strata within the bedrock and superficial geological layers, abstraction licenses, Source Protection Zones (SPZs) 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 and Scheduled Ancient Woodland. These searches are conducted using radii of up to 2000m.

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 (08444 159000) for further information and guidance.

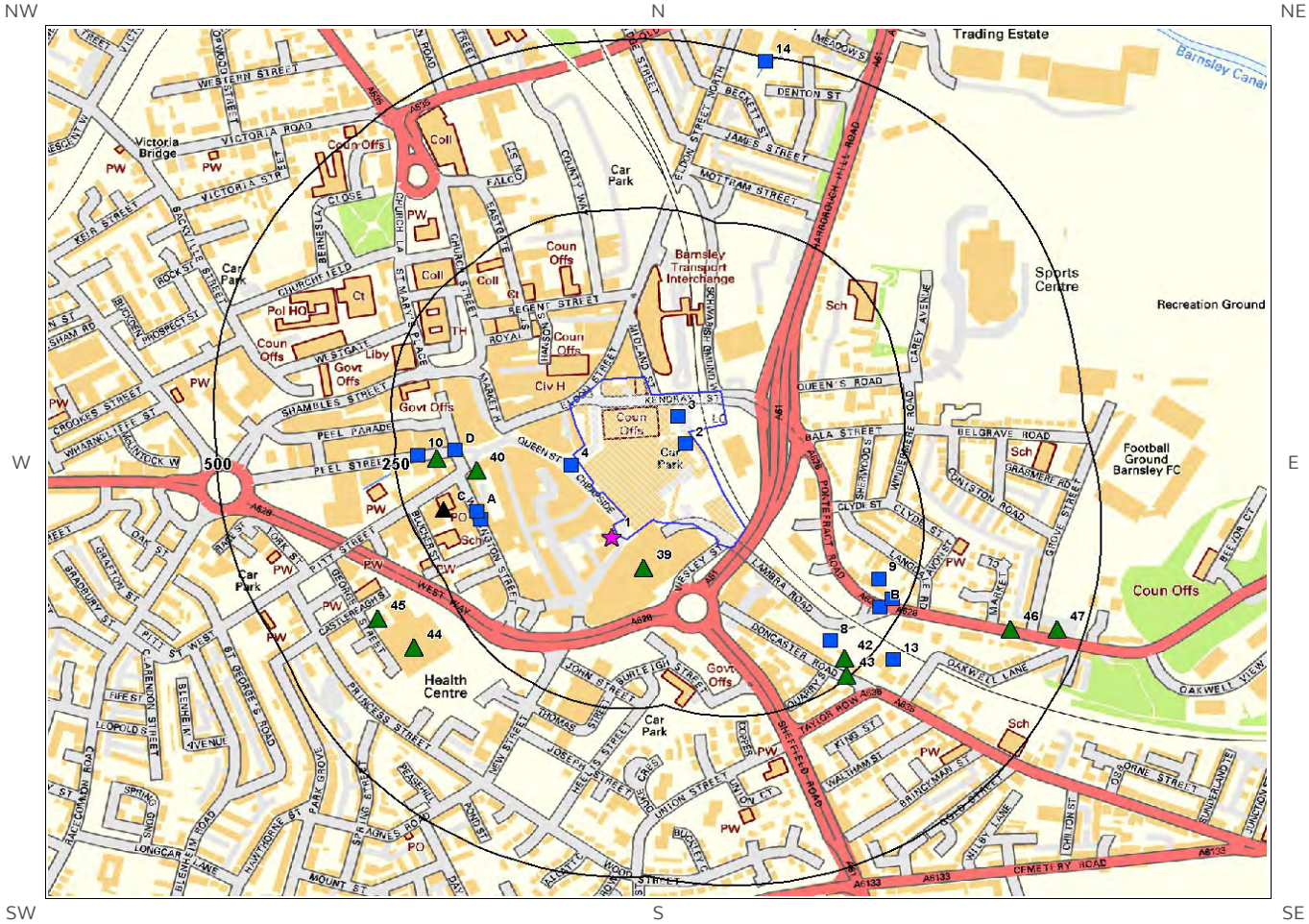
Note: Maps

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

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

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

1. Environmental Permits, Incidents and Registers Map



Environmental Permits, Incidents and Registers Legend

Mapping sourced from Ordnance Survey

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

1. Environmental Permits, 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:

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

0

Database searched and no data found.

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

24

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

ID	Distance	Direction	NGR	Details	
48C	201.0	SW	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 EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Refused
49C	201.0	SW	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 EPR Reference: - Issue Date: 11/10/2007 Effective Date: 11/10/2007 Last date noted as effective: 2015-01-01 Status: Superceded
50C	201.0	SW	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 EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Refused

ID	Distance	Direction	NGR	Details	
51C	201.0	SW	434380 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaeprbk3441iav010 Process: OTHER MINERAL ACTIVITIES; CRUSHING ETC OF COAL ETC (UNLESS EXEMPT LOCATION)	Permit Number: PP3639KE Original Permit Number: BK3441IA EPR Reference: - Issue Date: 22/6/2009 Effective Date: 22/7/2009 Last date noted as effective: 2015-01-01 Status: Superceded
52C	201.0	SW	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: NP3934VD Original Permit Number: BK3441IA EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Determination
53C	201.0	SW	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 EPR Reference: - Issue Date: 16/12/2005 Effective Date: 16/12/2005 Last date noted as effective: 2015-01-01 Status: Superceded
54C	201.0	SW	434380 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaeprbk3441iav010 Process: INORGANIC CHEMICALS; BASES EG AMMONIUM HYDROXIDE	Permit Number: PP3639KE Original Permit Number: BK3441IA EPR Reference: - Issue Date: 22/6/2009 Effective Date: 22/7/2009 Last date noted as effective: 2015-01-01 Status: Superceded
55C	201.0	SW	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 EPR Reference: - Issue Date: 16/12/2005 Effective Date: 16/12/2005 Last date noted as effective: 2015-01-01 Status: Superceded
56C	201.0	SW	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: HP3239EW Original Permit Number: BK3441IA EPR Reference: - Issue Date: 17/1/2014 Effective Date: 17/1/2014 Last date noted as effective: 2015-01-01 Status: Effective
57C	201.0	SW	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 EPR Reference: - Issue Date: 16/12/2005 Effective Date: 16/12/2005 Last date noted as effective: 2015-01-01 Status: Superceded
58C	201.0	SW	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 EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Refused

ID	Distance	Direction	NGR	Details	
59C	201.0	SW	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 EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Refused
60C	201.0	SW	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: NP3934VD Original Permit Number: BK3441IA EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Determination
61C	201.0	SW	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: HP3239EW Original Permit Number: BK3441IA EPR Reference: - Issue Date: 17/1/2014 Effective Date: 17/1/2014 Last date noted as effective: 2015-01-01 Status: Effective
62C	201.0	SW	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: HP3239EW Original Permit Number: BK3441IA EPR Reference: - Issue Date: 17/1/2014 Effective Date: 17/1/2014 Last date noted as effective: 2015-01-01 Status: Effective
63C	201.0	SW	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: NP3934VD Original Permit Number: BK3441IA EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Determination
64C	201.0	SW	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 EPR Reference: - Issue Date: 11/10/2007 Effective Date: 11/10/2007 Last date noted as effective: 2015-01-01 Status: Superceded
65C	201.0	SW	434380 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaeprbk3441iav010 Process: COMBUSTION; ANY FUEL =>20MW BUT <50MW (UNLESS 1.1 A(1) B)	Permit Number: PP3639KE Original Permit Number: BK3441IA EPR Reference: - Issue Date: 22/6/2009 Effective Date: 22/7/2009 Last date noted as effective: 2015-01-01 Status: Superceded
66C	201.0	SW	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: NP3934VD Original Permit Number: BK3441IA EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 2015-01-01 Status: Determination

ID	Distance	Direction	NGR	Details	
67C	201.0	SW	434380 406240	Operator: Monckton Coke And Chemical Company Limited Installation Name: The Monckton Coke And Chemical Co Ltd Eaeprbk3441iav010 Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS	Permit Number: PP3639KE Original Permit Number: BK3441IA EPR Reference: - Issue Date: 22/6/2009 Effective Date: 22/7/2009 Last date noted as effective: 2015-01-01 Status: Superceded
68C	201.0	SW	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: HP3239EW Original Permit Number: BK3441IA EPR Reference: - Issue Date: 17/1/2014 Effective Date: 17/1/2014 Last date noted as effective: 2015-01-01 Status: Effective
69C	201.0	SW	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 EPR Reference: - Issue Date: 11/10/2007 Effective Date: 11/10/2007 Last date noted as effective: 2015-01-01 Status: Superceded
70C	201.0	SW	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 EPR Reference: - Issue Date: 11/10/2007 Effective Date: 11/10/2007 Last date noted as effective: 2015-01-01 Status: Superceded
71C	201.0	SW	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 EPR Reference: - Issue Date: 16/12/2005 Effective Date: 16/12/2005 Last date noted as effective: 2015-01-01 Status: Superceded

1.1.3 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.

1.1.4 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.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

9

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

ID	Distance	Direction	NGR	Details	
39	51.0	SE	434662 406153	Address: Advance Dry Cleaners, Unit 2 K2 New Stree, Barnsley, S70 1SA Process: Dry Cleaning Process Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
40	137.0	W	434428 406298	Address: Johnson Dry Cleaners, 14 Peel Square, Barnsley, S70 1YA Process: Dry Cleaning Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
41D	192.0	W	434371 406315	Address: Hunningley Lane MOT, Hunningley Lane, Stairfoot, Barnsley, S70 3DT Process: Waste Oil Burner <0.4MW Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
42	229.0	SE	434944 406019	Address: Barrett Excavations Limited, 76 Doncaster Road, Barnsley, S70 1TW Process: Crushing And Screening Designated Material Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified
43	249.0	SE	434946 405994	Address: Dunlop Slanzenger Ltd, Doncaster Road, Barnsley, S70 3QP Process: Adhesive Coating Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
44	332.0	SW	434339 406036	Address: WM Morrison Supermarkets Plc, Lower Thomas Street, Barnsley, S70 1LQ Process: Petrol Vapour Recovery Process Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of Enforcement: No Enforcement Notified Comment: No Enforcement Notified

ID	Distance	Direction	NGR	Details	
45	360.0	SW	434288 406078	Address: Westway Fill Station, West Way, Barnsley, S70 1PN Process: Petrol Vapour Recovery Process Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
46	401.0	E	435176 406063	Address: Gpf Stations Limited, Ponterfract Road, Oakwell, Barnsley, S71 1HA Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
47	463.0	E	435242 406062	Address: Oakwell Garage, Pontefract Road, Barnsley, S71 1EZ Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

1.1.8 Records of Category 3 or 4 Radioactive Substances Authorisations:

0

Database searched and no data found.

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

13

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

ID	Distance	Direction	NGR	Details	
2	0.0	On Site	434720 406340	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
3	0.0	On Site	434710 406380	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
4	12.0	SW	434560 406308	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005

ID	Distance	Direction	NGR	Details	
5A	160.0	SW	434427 406240	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
6A	162.0	SW	434433 406227	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
7D	166.0	W	434397 406330	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
8	194.0	SE	434924 406048	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
9	201.0	E	434992 406140	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
10	218.0	W	434345 406323	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
11 B	221.0	SE	434993 406098	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005
12 B	230.0	SE	435010 406110	Address: Lambra Road Cso, Lambra Road, Barnsley, South Yorkshire, . Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: WRA7491 Permit Version: 1	Receiving Water: Sough Dyke (culvert) Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 16/2/1999 Effective Date: 16/2/1999 Revocation Date: -
13	279.0	SE	435012 406020	Address: Septic Tank @ Crosslea Farm, Cockin Lane, Clayton, Bradford., West Yorkshire, BD14 6PZ Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: S/CB/8 Permit Version: 1	Receiving Water: Varies With Outlet Status: Transferred From R(pp)a 1951-1961 Issue date: 29/5/1963 Effective Date: 29/5/1963 Revocation Date: 31/3/2005

ID	Distance	Direction	NGR	Details	
14	493.0	N	434832 406906	Address: Regent Street, Barnsley, South Yorkshire Effluent Type: Sewage Discharges - Sewer Storm Overflow - Water Company Permit Number: YWUCD2/4 Permit Version: 1	Receiving Water: Trib Of River Dearne Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -

1.1.10 Records of Planning Hazardous Substance Consents and Enforcements 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

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

1

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

ID	Distance	Direction	NGR	Details	
1	9.0	SW	434616 406202	Incident Date: 01/12/2001 Incident Identification: 45948 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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

0

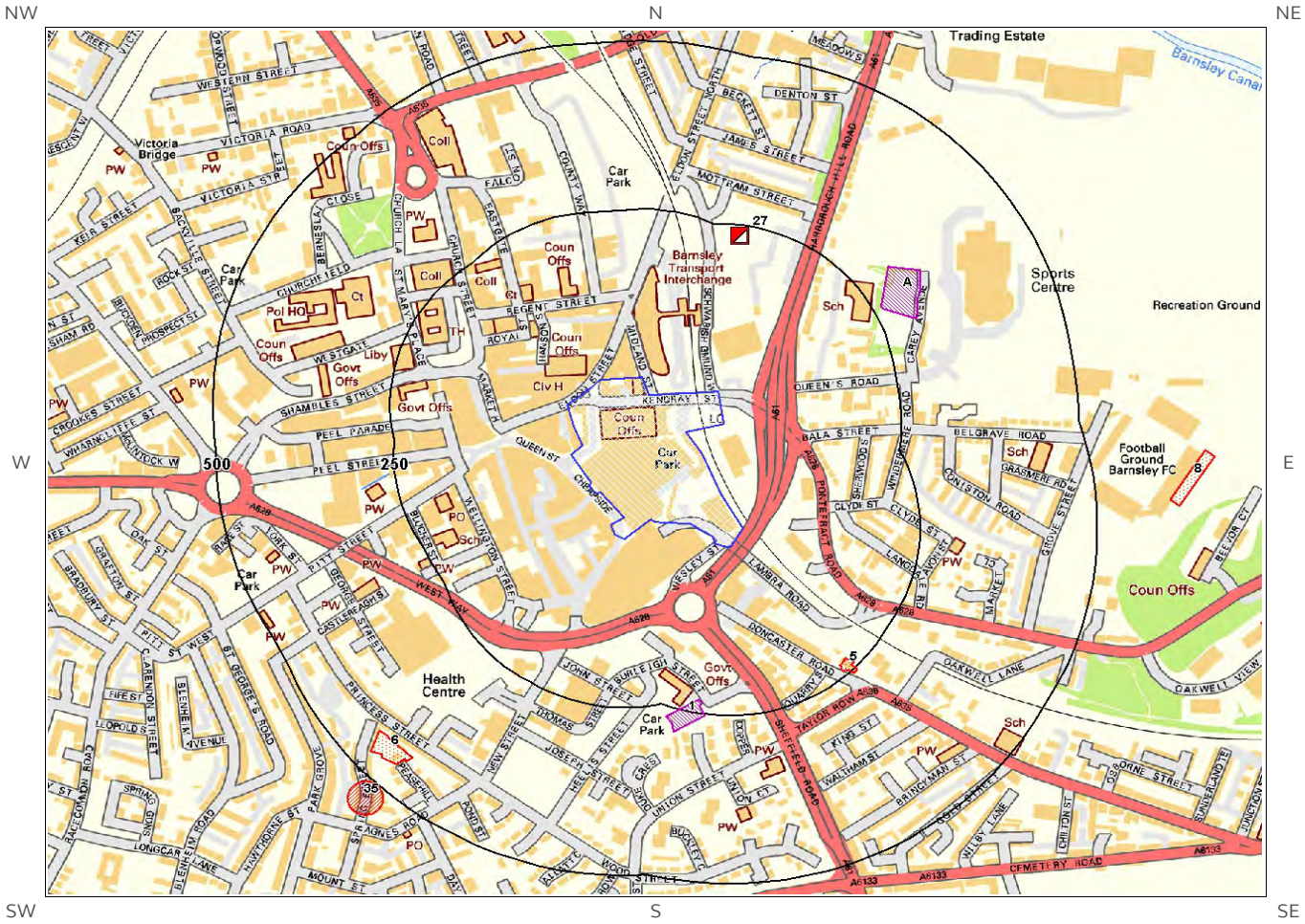
Database searched and no data found.

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

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.

2. Landfill and Other Waste Sites Map



Landfill and Other Waste Sites Legend

Mapping sourced from Ordnance Survey

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- Site Outline
- 250 / 500 — Search Buffers (m)
- E.A. Active Landfill
- E.A. Historic Landfill
- Local Authority Landfill
- Historic and Planned Waste Sites
- E.A. Licensed Waste Site
- BGS / DoE Survey Landfill

2. Landfill and Other Waste Sites

2.1 Landfill Sites

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

0

Database searched and no data found.

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

22

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

ID	Distance (m)	Direction	NGR	Details	
5	230.0	SE	434900 406000	Site Address: The Old Vicarage, Doncaster Road, Barnsley Waste Licence: Yes Site Reference: WD20 B812, 20B812 Waste Type: Commercial , Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 17-Jul-1991 Licence Surrendered: 17-Jan-1994 Licence Hold Address: Oak House, Doncaster Road, Barnsley Operator: -
6	437.0	SW	434300 405800	Site Address: Spring Street, Barnsley Waste Licence: - Site Reference: 4400/(159), (159)B, WD24 B343, WD34.16.16 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Mr A J Shaw
Not show n	555.0	N	434400 407000	Site Address: Land off Old Mill Lane, Town Centre, Barnsley Waste Licence: Yes Site Reference: WD20 B446 Waste Type: Inert Commercial , Environmental Permitting Regulations (Waste) 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
8	604.0	E	435400 406200	Site Address: Barnsley Football Ground, Oakwell Road, Barnsley Waste Licence: - Site Reference: 4400/(164) Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Mowlem Construction

ID	Distance (m)	Direction	NGR	Details	
Not shown	655.0	N	434800 407100	Site Address: Disused Canal, Old Mill Lane, Barnsley Waste Licence: - Site Reference: 4400/(22) Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Barnsley Metropolitan Borough Council
10	743.0	E	435500 406000	Site Address: Mount Osborne Industrial Park, Barnsley, South Yorkshire Waste Licence: Yes Site Reference: 4400/B62 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 11-Jul-1995 Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	761.0	NE	435200 407000	Site Address: Canal to the rear of Twibell Street, Barnsley Waste Licence: Yes Site Reference: WD20 B369, 4400/B369, 20B369(83) Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 16-Sep-1982 Licence Surrendered: 06-Jun-1988 Licence Hold Address: 8A, Eastgate, Barnsley Operator: Barnsley Trades Council
Not shown	870.0	N	435100 407200	Site Address: Emgas Depot, Old Mill Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B187, 4400/B187, 20B187(71) Waste Type: Inert Environmental Permitting Regulations (Waste) 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	894.0	N	434800 407500	Site Address: Star Paper Limited, Old Mill Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B4(i), 4400/B4 Waste Type: Inert Liquid sludge, Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 11-Jan-1978 Licence Surrendered: 25-Feb-1982 Licence Hold Address: - Operator: Star Paper Limited
Not shown	901.0	N	434800 407300	Site Address: Star Paper Mill, Barnsley Waste Licence: - Site Reference: 4400/B59, WD20/B4(ii) Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Star Paper Mill
Not shown	993.0	N	434900 407500	Site Address: The Fleets Dam, Off Smithies Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B774, 4400/B774, 20B774 Waste Type: Inert Commercial , Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 05-Sep-1990 Licence Surrendered: Licence Hold Address: Stainborough Fisheries, The Wickets, Low Lane, Stainborough, Barnsley Operator: -
Not shown	1018.0	SE	435500 405400	Site Address: South East Corner Cemetery Road, Barnsley Cemetery, Barnsley Waste Licence: - Site Reference: 4400/(148) Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Barnsley Metropolitan Borough Council

ID	Distance (m)	Direction	NGR	Details	
Not shown	1137.0	E	435900 406500	Site Address: Former Wood Brothers Tip, Glasstip, Railway Cutting, Beevor Street, Hoyle Mill, Barnsley Waste Licence: Yes Site Reference: WD20 B353, 4400/B353, 20B353, WD20 B353a Waste Type: Commercial Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 22-Mar-1982 Licence Surrendered: 09-May-1984 Licence Hold Address: High Holborn Road, Codnor Gate Industrial Estate, Ripley, Derbyshire Operator: -
Not shown	1139.0	E	435900 406500	Site Address: Land to the rear of Chapel Street-Beever Street, Glasstip, Railway Cutting, Beevor Street Waste Licence: Yes Site Reference: WD20 B6(I), 4400/B6, 20B6(38), 4400/0573 Waste Type: Inert, Industrial Special Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 05-Dec-1977 Licence Surrendered: 31-Dec-1984 Licence Hold Address: Borough Flint Glassworks, Barnsley, South Yorkshire Operator: Barnsley Metropolitan Borough Council
Not shown	1232.0	W	433200 406400	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 , Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 18-Nov-1982 Licence Surrendered: 03-Jun-1988 Licence Hold Address: Wellington Street, Barnsley Operator: Co-op Retail Services
Not shown	1295.0	W	433100 406600	Site Address: Allotment Gardens, Pogmoor Waste Licence: - Site Reference: 4400/B197 Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
Not shown	1310.0	W	433100 406400	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 , Environmental Permitting Regulations (Waste) 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, Nottinghamshire Operator: Barnsley Metropolitan Borough Council
Not shown	1339.0	N	434800 407500	Site Address: Star Paper Limited, Old Mill Lane, Barnsley Waste Licence: Yes Site Reference: WD20 B4(i), 4400/B4 Waste Type: Inert Liquid sludge, Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 11-Jan-1978 Licence Surrendered: 25-Feb-1982 Licence Hold Address: - Operator: Star Paper Limited
Not shown	1394.0	N	434800 407800	Site Address: Smithy Green Tip, Smithies Lane, Barnsley, Yorkshire Waste Licence: - Site Reference: - Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Barnsley County Borough Council
Not shown	1404.0	E	436200 405800	Site Address: Monument Field, Measborough Hill, Doncaster Road, Barnsley Waste Licence: Yes Site Reference: WD20 B37, 4400/B37, 20B37(41) Waste Type: Industrial Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 07-Sep-1979 Licence Surrendered: 14-May-1982 Licence Hold Address: 22 Hunningley Lane, Stairfoot, Barnsley Operator: Frank Green and Sons Limited

ID	Distance (m)	Direction	NGR	Details	
Not shown	1413.0	N	434900 407900	Site Address: Wakefield Road, Barnsley Waste Licence: Yes Site Reference: 20B320(79), WD20 B320, 4400/B320 Waste Type: Industrial, Commercial , Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: 28-Jul-1981 Licence Surrendered: 09-May-1988 Licence Hold Address: c/c C E Smith and Son, 14 Regent Street, Barnsley Operator: Booth Excavations Limited
Not shown	1462.0	W	433000 406400	Site Address: Land North of Dodworth Road, Pogmoor Waste Licence: - Site Reference: 4400/(139) Waste Type: - Environmental Permitting Regulations (Waste) Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Polar Motors

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

0

Database searched and no data found.

2.1.4 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 (m)	Direction	NGR	Site Address	Source	Data Type
35	502.0	SW		Spring Street	Barnsley Metropolitan Borough Council	Point
Not shown	951.0	E		Refuse Tip	1970 mapping	Polygon
Not shown	1014.0	NE		Refuse Tip	1972 mapping	Polygon
Not shown	1184.0	S		Refuse Tip	1969 mapping	Polygon
Not shown	1400.0	N		Refuse Tip	1970 mapping	Polygon

2.2 Other Waste Sites

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

4

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

ID	Distance (m)	Direction	NGR	Details		
1	229.0	S	434724 405936	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1986	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
2A	263.0	NE	435027 406564	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1983	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
3A	263.0	NE	435027 406564	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1990	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon
4A	263.0	NE	435027 406564	Type of Site: Scrap Yard Site Address: N/A	Planning Application Reference: N/A Date: 1989	Further Details: N/A Data Source: Historic Mapping Data Type: Polygon

2.2.2 Records of Environment Agency licensed waste sites within 1500m of the study site:

8

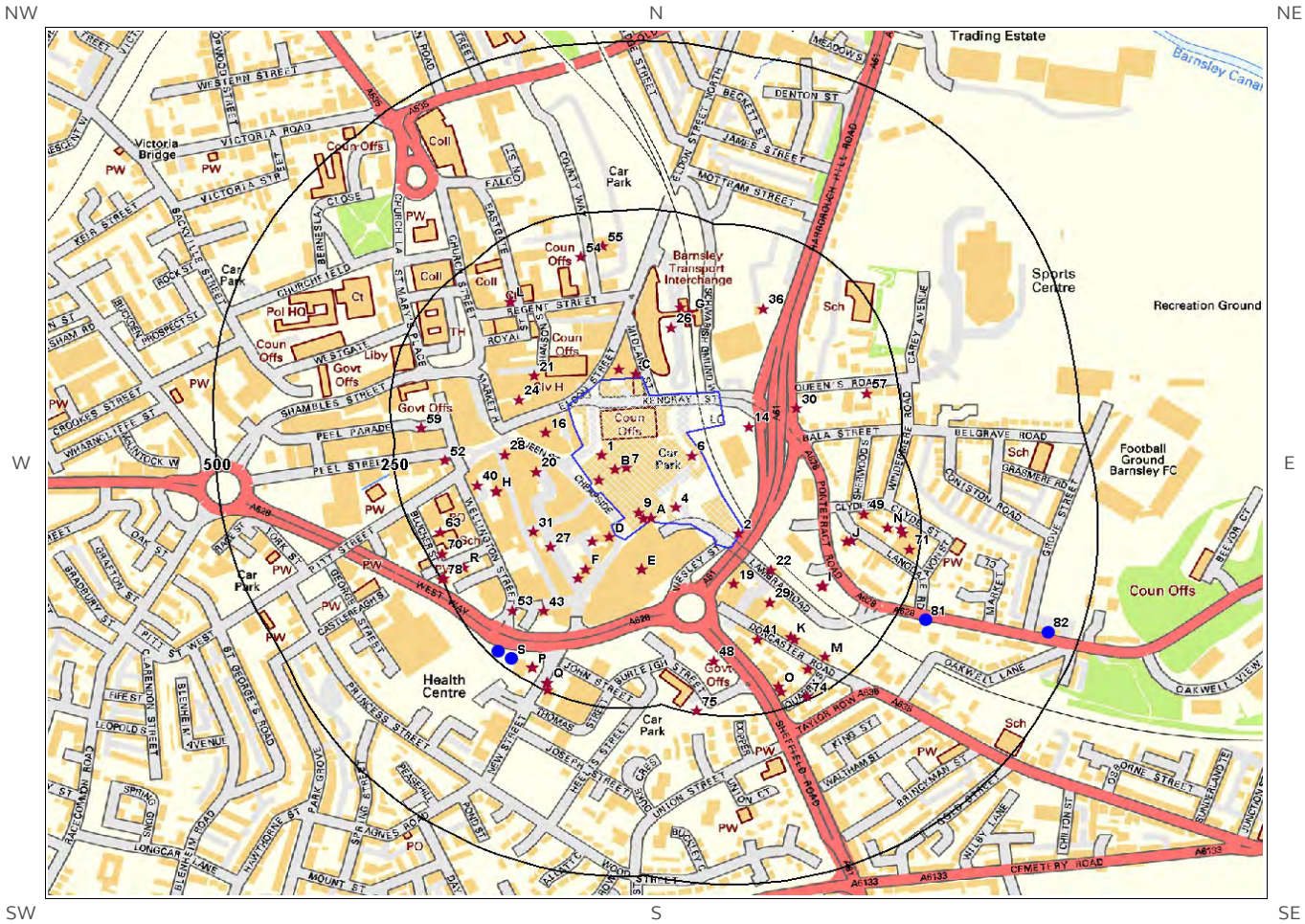
The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance (m)	Direction	NGR	Details	
27	235.0	N	434800 406650	Site Address: Harborough Hill Road, Harborough, Barnsley, South Yorkshire, S71 1BD Type: - Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: YOR005 EPR reference: EA/EPR/JP3390ZX/S002 Operator: Yorkshire Electricity Waste Management licence No: 60598 Annual Tonnage: 0.0	Issue Date: 14/09/1992 Effective Date: - Modified: - Surrendered Date: 13/05/1999 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: - Correspondence Address: -, -

ID	Distance (m)	Direction	NGR	Details	
Not shown	849.0	E	435650 406130	Site Address: Unit 5, Oakwell Business Centre, Oakwell View, Barnsley, South Yorkshire, S71 1HX Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SRW001 EPR reference: - Operator: S R Waste Recycling Ltd Waste Management licence No: 100239 Annual Tonnage: 0.0	Issue Date: 12/03/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: S R Waste Recycling Ltd Correspondence Address: -, 5, Oakwell Business Centre, Oakwell View, Barnsley, South Yorks, S71 1HX
Not shown	849.0	E	435650 406130	Site Address: Unit 5, Oakwell Business Centre, Oakwell View, Barnsley, South Yorkshire, S71 1HX Type: WEEE treatment facility Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SRW001 EPR reference: EA/EPR/BP3598EY/A001 Operator: S R Waste Recycling Ltd Waste Management licence No: 100239 Annual Tonnage: 4999.0	Issue Date: 12/03/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked Site Name: S R Waste Recycling Ltd Correspondence Address: -, -
Not shown	982.0	NE	435200 407300	Site Address: Old Mill Lane, Barnsley, South Yorkshire Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRA002 EPR reference: EA/EPR/WP3790ZL/S002 Operator: British Gas Transco Plc Waste Management licence No: 60545 Annual Tonnage: 316.0	Issue Date: 15/07/1993 Effective Date: - Modified: - Surrendered Date: 06/09/2000 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Barnsley Depot Correspondence Address: -, -
Not shown	1286.0	SE	435550 405150	Site Address: Vernon Works, Upper Sheffield Road, Barnsley, South Yorkshire, S70 4PN Type: Metal Recycling Site (mixed MRS's) Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CSO002 EPR reference: EA/EPR/WP3490ZY/S005 Operator: C Soar & Sons Waste Management licence No: 60541 Annual Tonnage: 0.0	Issue Date: 15/07/1993 Effective Date: - Modified: - Surrendered Date: 16/10/2012 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Vernon Works Correspondence Address: -, -
Not shown	1459.0	W	433100 406450	Site Address: Haulage Yard, Off West Road, Pogmoor, Barnsley, S Yorks, S75 2DH Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LYC001 EPR reference: - Operator: Lycett Dennis Waste Management licence No: 60564 Annual Tonnage: 0.0	Issue Date: 13/04/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Andrich Skip Hire Correspondence Address: -, 2, Intake Gardens, Barnsley Road, Barnsley, S Yorks, S75 2DP

ID	Distance (m)	Direction	NGR	Details	
Not shown	1487.0	W	433077 406535	Site Address: Haulage Yard, Off West Road, Pogmoor, Barnsley, South Yorkshire, S75 2DH Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LYC001 EPR reference: EA/EPR/RP3990ZS/A001 Operator: Lycett D Waste Management licence No: 60564 Annual Tonnage: 25000.0	Issue Date: 13/04/1987 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued Site Name: Andrich Skip Hire Correspondence Address: -, -
Not shown	1499.0	SE	436100 405460	Site Address: Kendray Hospital, Doncaster Road, Kendray, Barnsley, South Yorkshire, S70 3RD Type: Special Waste Transfer Station Size: < 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BAR002 EPR reference: EA/EPR/JP3890ZV/S003 Operator: Barnsley Primary Care Trust Waste Management licence No: 60603 Annual Tonnage: 0.0	Issue Date: 17/10/1994 Effective Date: - Modified: - Surrendered Date: 11/09/2013 Expiry Date: - Cancelled Date: - Status: Surrendered Site Name: Kendray Hospital Correspondence Address: -, -

3. Current Land Use Map



Current Land Use Legend

Mapping sourced from Ordnance Survey

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Site Outline

250
500
Search Buffers (m)

Current Industrial Sites

Petrol & Fuel Sites

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: 78

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

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
1	0.0	On Site	Phone Geeks	434604 406323	19, May Day Green, Barnsley, S70 1RH	Electrical Equipment Repair and Servicing	Repair and Servicing
2	0.0	On Site	Gas Governor Station		S70	Gas Features	Infrastructure and Facilities
3A	0.0	On Site	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
4	0.0	On Site	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
5B	0.0	On Site	Unlock a Fone		Unit 9 Upper Barnsley Market Hall, Metropolitan Centre, Barnsley, S70 1SX	Electrical Equipment Repair and Servicing	Repair and Servicing
6	0.0	On Site	Chimney		S70	Chimneys	Industrial Features
7	0.0	On Site	Tom Hall Fish Retail	434640 406305	10, Upper May Day Green Arcade, Barnsley, S70 1SY	Fish, Meat and Poultry Products	Foodstuffs
8A	0.0	On Site	Shopmobili ty	434664 406229	21, Cheapside, Barnsley, S70 1RQ	Disability and Mobility Equipment	Consumer Products
9	0.0	On Site	Cheapside Beds & Furniture Ltd	434657	17, Cheapside, Barnsley, S70 1RQ	Beds and Bedding	Consumer Products
10B	0.0	On Site	Transform Images	434601	1-3, May Day Green Arcade, Barnsley, S70 1RG	Clothing, Components and Accessories	Consumer Products
11C	7.0	N	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
12D	9.0	SW	Fonebooth	406202	1, New Street, Barnsley, S70 1RX	Electrical Equipment Repair and Servicing	Repair and Servicing
13C	14.0	N	Stagecoach Yorkshire	434629 406451	4, Eldon Arcade, Barnsley, S70 2JP	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
14	34.0	E	Gas Governor Station		S71	Gas Features	Infrastructure and Facilities
15D	34.0	SW	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
16	42.0	W	Specsavers Hearcare	434525 406357	Unit 3 10-18, Queen Street, Barnsley, S70 1SJ	Disability and Mobility Equipment	Consumer Products
17E	50.0	SE	A S A P Valeting		The Alhambra Shopping Centre, Cheapside, Barnsley, S70 1SB	Vehicle Cleaning Services	Personal, Consumer and Other Services

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
18E	50.0	SE	E E	406153	Unit 3 The Alhambra Shopping Centre, Cheapside, Barnsley, S70 1SB	Electrical Equipment Repair and Servicing	Repair and Servicing
19	54.0	S	Warehouse		S70	Container and Storage	Transport, Storage and Delivery
20	56.0	SW	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
21	65.0	NW	Hidden Hearing	434510	16-18, The Arcade, Barnsley, S70 2QN	Disability and Mobility Equipment	Consumer Products
22	65.0	SE	Bullard Refurbishment Services		Unit 1-3 Freemans Yard, Off Doncaster Road, Barnsley, S70 1TH	Recycling, Reclamation and Disposal	Recycling Services
23F	66.0	SW	Big Apple	434582 406154	25, New Street, Barnsley, S70 1RZ	Workwear	Industrial Products
24	70.0	W	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
25F	83.0	SW	P & J Textiles the Curtain Shop Ltd	434571 406140	29, New Street, Barnsley, S70 1RZ	Curtains and Blinds	Consumer Products
26	84.0	NE	Bus Station		S70	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
27	92.0	W	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
28	95.0	W	Boots Hearing Care	434468 406324	1, Queen Street, Barnsley, S70 1RJ	Disability and Mobility Equipment	Consumer Products
29	97.0	SE	Calor Barnsley Sales & Hire		Unit 10 Freemans Yard, Doncaster Road, Barnsley, S70 1TH	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
30	103.0	E	Electricity Sub Station		S71	Electrical Features	Infrastructure and Facilities
31	105.0	SW	Big Wicks	434508	46, Market Street, Barnsley, S70 1SN	Candles	Consumer Products
32G	116.0	NE	Barnsley Rail Station		S71	Railway Stations, Junctions and Halts	Public Transport, Stations and Infrastructure
33G	117.0	NE	S Y P T E Barnsley Interchange	406542	Exchange Station 8, Midland Street, Barnsley, S70 1SD	Bus and Coach Stations, Depots and Companies	Public Transport, Stations and Infrastructure
34H	119.0	SW	The Hearing Company		13, Market St, Barnsley, S70 1SL	Disability and Mobility Equipment	Consumer Products
35H	119.0	SW	Scrivens Hearing Care	434456 406269	13, Market Street, Barnsley, S70 1SL	Disability and Mobility Equipment	Consumer Products
36	138.0	NE	Electricity Sub Station		S71	Electrical Features	Infrastructure and Facilities
37I	139.0	SE	Harratts Express Fit		1a Malthouse Road, Barnsley, S71 1AL	Vehicle Repair, Testing and Servicing	Repair and Servicing
38I	139.0	SE	Cars 2		1a Malthouse Road, Barnsley, S71 1AL	New Vehicles	Motoring
39I	140.0	SE	Cars2 Peugeot		Malthouse Road, 1a, Pontefract Road, Town Centre, Barnsley, S71 1AL	New Vehicles	Motoring
40	140.0	W	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
41	141.0	S	Photo Mac	434824 406049	7, Doncaster Road, Barnsley, S70 1TH	Clothing, Components and Accessories	Consumer Products
42J	147.0	E	Works		S71	Unspecified Works Or Factories	Industrial Features
43	152.0	SW	Barnsley Autolocksm iths	434523 406092	Francis Jordan House, Wellington Street, Barnsley, S70 1SW	Vehicle Repair, Testing and Servicing	Repair and Servicing
44J	153.0	E	Ken's Tyres & Exhausts	434957 406196	Langdale Road, Barnsley, S71 1AQ	Vehicle Repair, Testing and Servicing	Repair and Servicing
45J	153.0	E	Ken's Tyres & Exhausts Ltd	434957 406196	Langdale Road, Barnsley, S71 1AQ	Vehicle Parts and Accessories	Motoring
46K	156.0	SE	John Brailsford Printers	406053	44, Doncaster Road, Barnsley, S70 1TL	Published Goods	Industrial Products
47K	162.0	SE	Ron Daley Scooters	434876	46, Doncaster Road, Barnsley, S70 1TL	New Vehicles	Motoring
48	170.0	S	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
49	171.0	E	Works		S71	Unspecified Works Or Factories	Industrial Features
50L	172.0	NW	C Lockwood	434476 406551	2, Eastgate, Barnsley, S70 2EP	Clothing, Components and Accessories	Consumer Products
51L	172.0	NW	Amplifon	434476 406551	10, Regent Street, Barnsley, S70 2EJ	Disability and Mobility Equipment	Consumer Products
52	178.0	W	Distinct Designs	434384 406315	2-8, Peel Street, Barnsley, S70 2QX	Jewellery, Gems, Clocks and Watches	Consumer Products
53	183.0	SW	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
54	185.0	N	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
55	198.0	N	Tom Henry & Associates	434606 406633	Digital Media Centre, County Way, Barnsley, S70 2JW	Structural Engineers	Engineering Services
56N	203.0	E	Works		S71	Unspecified Works Or Factories	Industrial Features
57	205.0	E	A & P M O T Centre	434979	25, Queens Road, Barnsley, S71 1AN	Vehicle Repair, Testing and Servicing	Repair and Servicing
58M	208.0	SE	Comtech Services UK Ltd	434919	Burgess House 68-70, Doncaster Road, Barnsley, S70 1TL	Electronic Equipment	Industrial Products
59	210.0	W	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
60M	210.0	SE	Park Gate Mobility Barnsley		19-25, Doncaster Road, Barnsley, S70 1TH	Disability and Mobility Equipment	Consumer Products
61R	215.0	SW	Depot		S70	Container and Storage	Transport, Storage and Delivery
62O	216.0	S	Bennetts Motorcycle s Ltd	434854 405980	58-62, Sheffield Road, Barnsley, S70 1HS	New Vehicles	Motoring
63	218.0	SW	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
64N	222.0	E	Works		S71	Unspecified Works Or Factories	Industrial Features
65N	224.0	E	Brailsford Bros Barnsley Ltd	435029	Langdale Road, Barnsley, S71 1AF	Metalworkers Including Blacksmiths	Construction Services

ID	Distance (m)	Direction	Company	NGR	Address	Activity	Category
66O	225.0	S	Future Djs Ltd	434857 405971	64, Sheffield Road, Barnsley, S70 1HS	Electronic Equipment	Industrial Products
67P	229.0	SW	Morrisons Barnsley		Lower Thomas Street, Kingstone, Barnsley, S70 1LQ	Petrol and Fuel Stations	Road and Rail
68P	229.0	SW	Morrisons Barnsley		Lower Thomas Street, Kingstone, Barnsley, S70 1LQ	Vehicle Cleaning Services	Personal, Consumer and Other Services
69P	229.0	SW	Morrisons Barnsley	434508 406008	Lower Thomas Street, Kingstone, Barnsley, South Yorkshire, S70 1LQ	Petrol and Fuel Stations	Road and Rail
70	232.0	SW	Works		S70	Unspecified Works Or Factories	Industrial Features
71	235.0	E	Warehouse		S71	Container and Storage	Transport, Storage and Delivery
72Q	238.0	SW	Gas Governor Station		S70	Gas Features	Infrastructure and Facilities
73Q	239.0	SW	Gas Governor Station		S70	Gas Features	Infrastructure and Facilities
74	245.0	SE	Designer Pine	434894 405965	2a, Quarry Street, Barnsley, S70 1HU	Furniture	Consumer Products
75	246.0	S	Electricity Sub Station		S70	Electrical Features	Infrastructure and Facilities
76R	247.0	SW	M C Mills & Co Ltd	434383	Lower Castlereagh Street, Barnsley, S70 1AR	General Purpose Machinery	Industrial Products
77Q	248.0	SW	Bed Factory Outlet	434529 405975	Upper New Street, Barnsley, S70 1LP	Beds and Bedding	Consumer Products
78	250.0	SW	Warehouse		S70	Container and Storage	Transport, Storage and Delivery

3.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 4

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

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
79S	236.0	SW	434478 406021	Morrisons	Morrisons Barnsley, Lower Thomas Street, Lower Thomas Street, Kingstone, Barnsley, South Yorkshire, S70 1LQ	Yes	Open
80S	240.0	SW	434459 406032	Obsolete	Westways Service Station, 1, Westways, Westways, Barnsley, South Yorkshire, S70 1PN	Not Applicable	Obsolete
81	289.0	SE	435061 406079	Texaco	Oakwell Service Station, Pontefract Road, Pontefract Road, Barnsley, South Yorkshire, S71 1HA	Not Applicable	Obsolete

ID	Distance (m)	Direction	NGR	Company	Address	LPG	Status
82	455.0	E	435234 406061	Obsolete	Oakwell Garage, Pontefract Road, Pontefract Road, Barnsley, South Yorkshire, S71 1EZ	Not Applicable	Obsolete

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

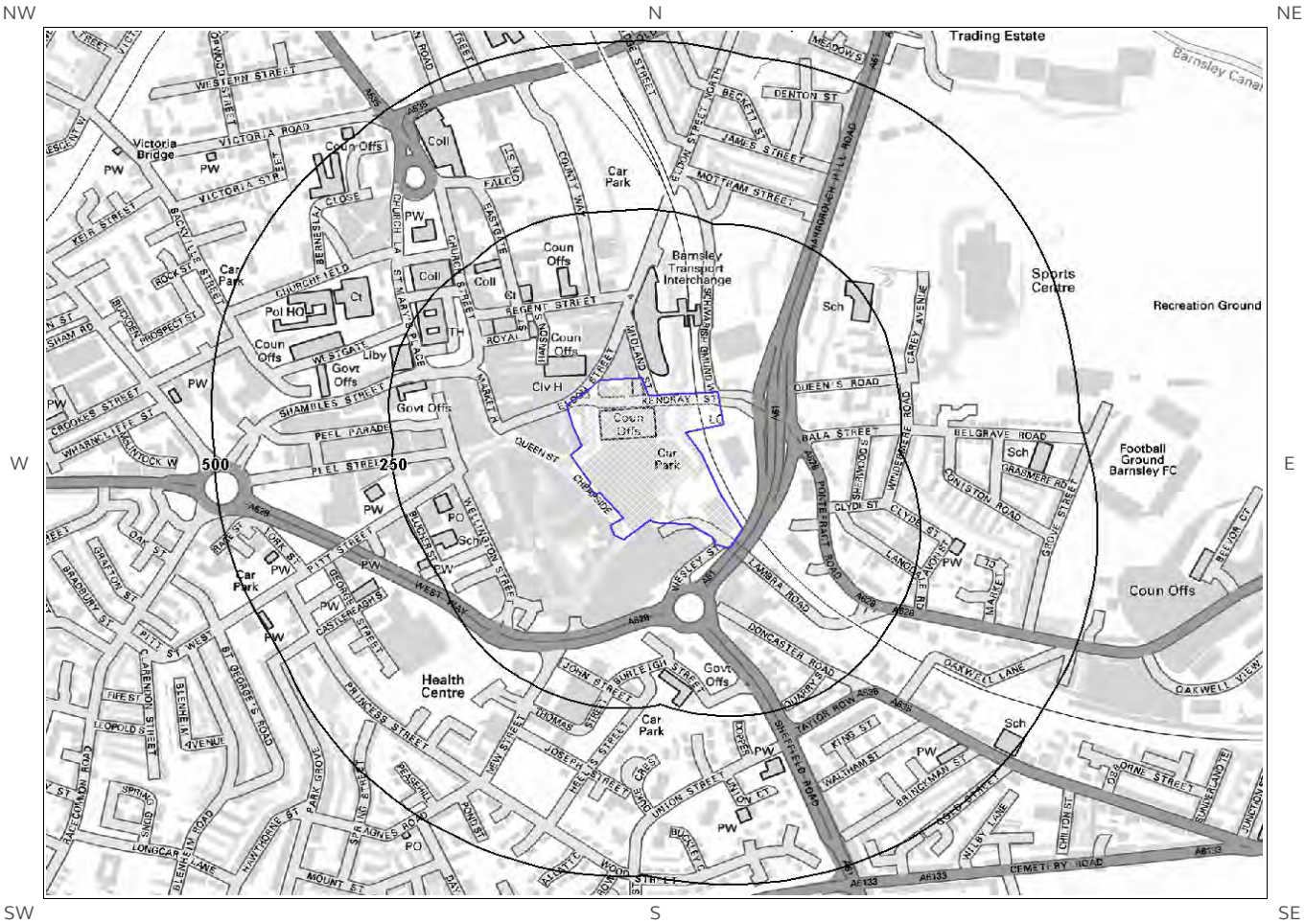
The database has been searched on site, including a 50m buffer.

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

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

5. Hydrogeology and Hydrology

5a. Aquifer Within Superficial Geology



Aquifer Within Superficial Geology

Mapping sourced from Ordnance Survey

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Site Outline

250 Search Buffers (m) 500

Principal Aquifer

Secondary (A) Aquifer - Permeable Layers

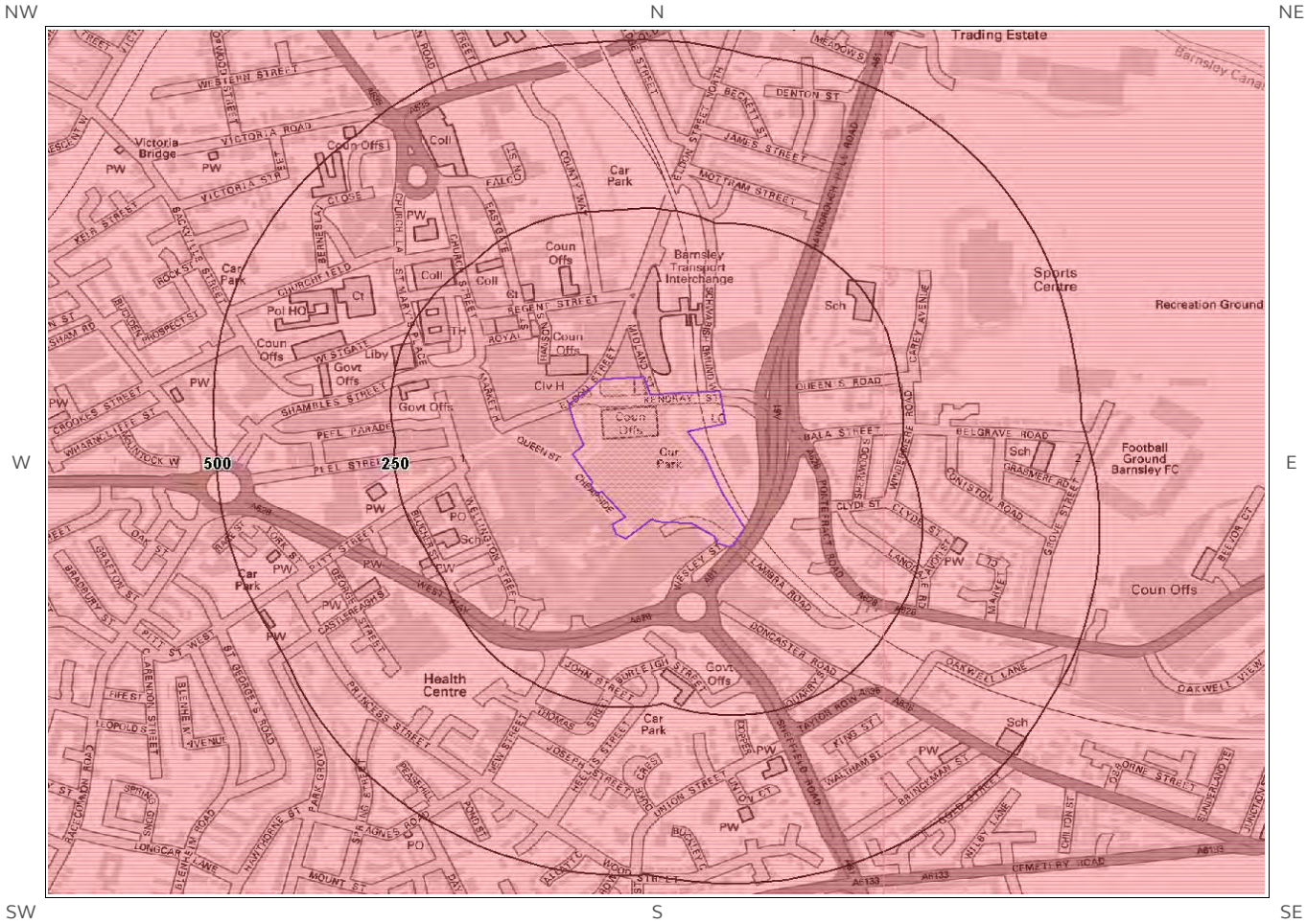
Secondary (B) Aquifer - Lower Permeability Layers

Secondary Aquifer - Undifferentiated Layers

Unproductive

Unknown (lakes and landslip)

5b. Aquifer Within Bedrock Geology and Abstraction Licenses



Aquifer Within Bedrock Geology and Abstraction Licenses

Mapping sourced from Ordnance Survey

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Site Outline

250
500
Search Buffers (m)

Principal Aquifer

Secondary (A) Aquifer - Permeable Layers

Secondary (B) Aquifer - Lower Permeability Layers

Groundwater Abstraction Licence

Secondary Aquifer - Undifferentiated Layers

Unproductive

Unknown (lakes and landslip)

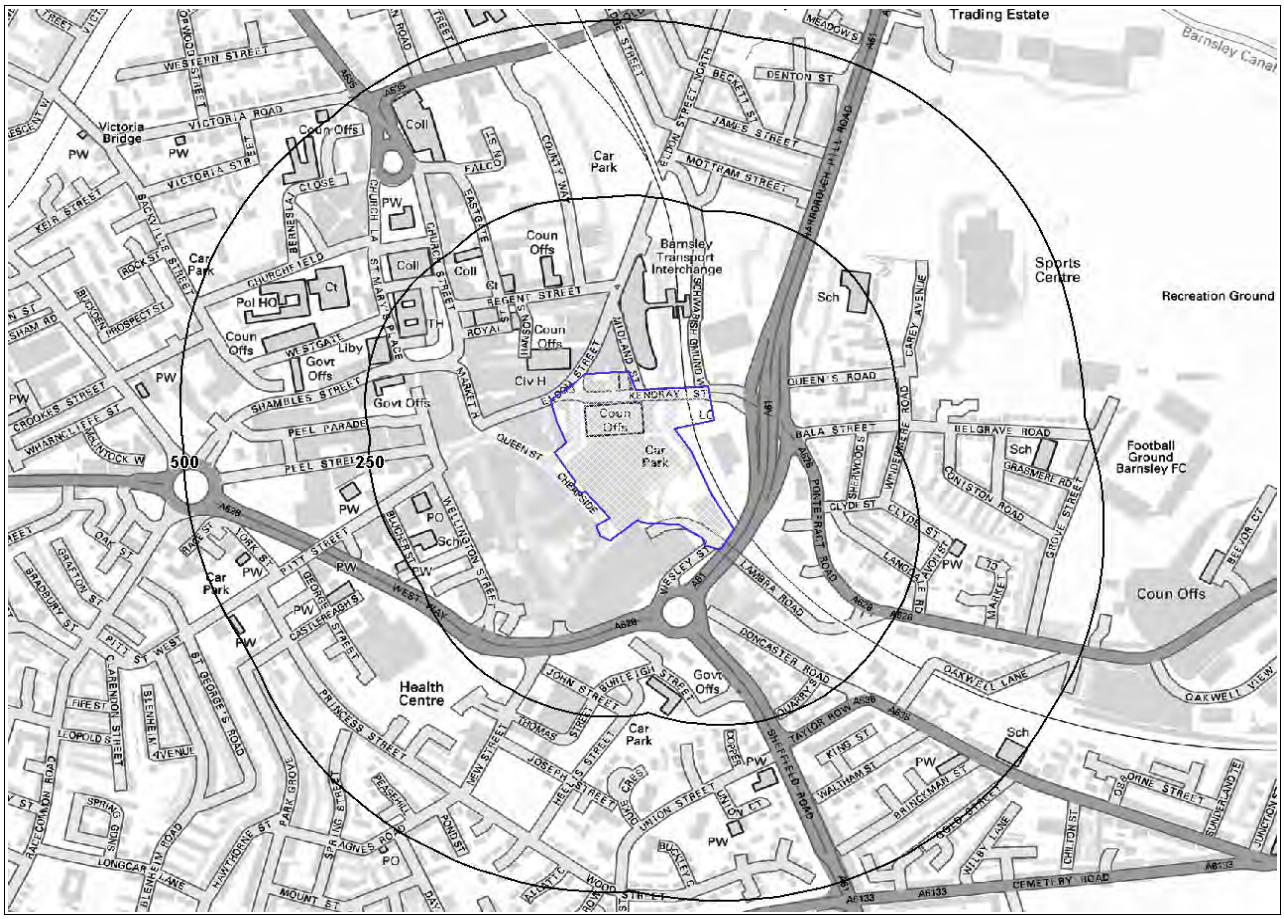
Surface Water Abstraction Licence

5c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses

NW N NE

W E

SW S SE



Map LegendSource Protection Zonesand PotableWater Abstraction Licenses

Mapping sourced from Ordnance Survey

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Site Outline

250 500 Search Buffers (m)

Source Protection Zone 1 - Inner Catchment

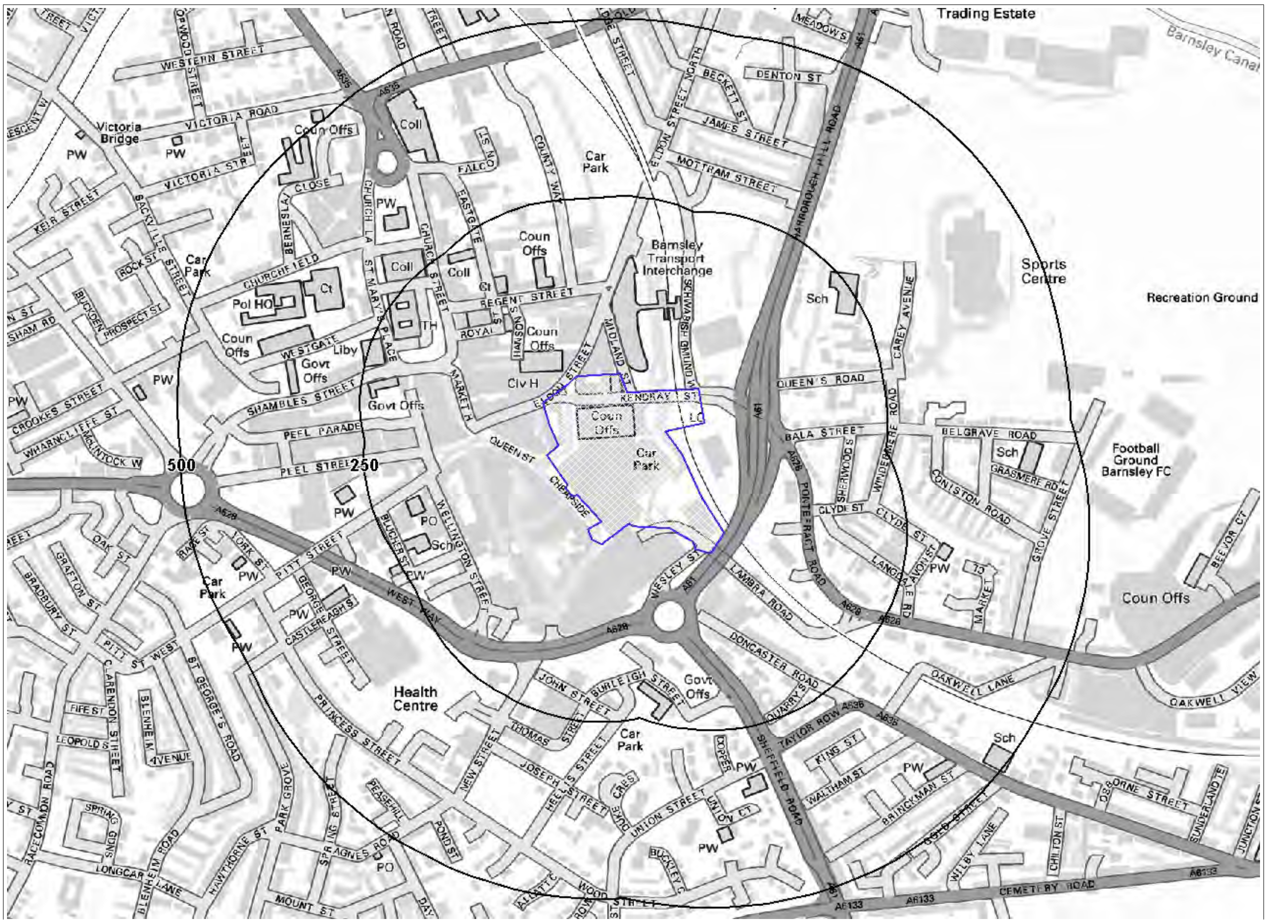
Source Protection Zone 2 - Outer Catchment

Source Protection Zone 3 - Total Catchment

Source Protection Zone 4 - Zone of Special Interest

Potable Water Abstraction Licence

5d. Hydrology Source Protection Zones within confined aquifer



Hydrology Source Protection Zones

Mapping sourced from Ordnance Survey

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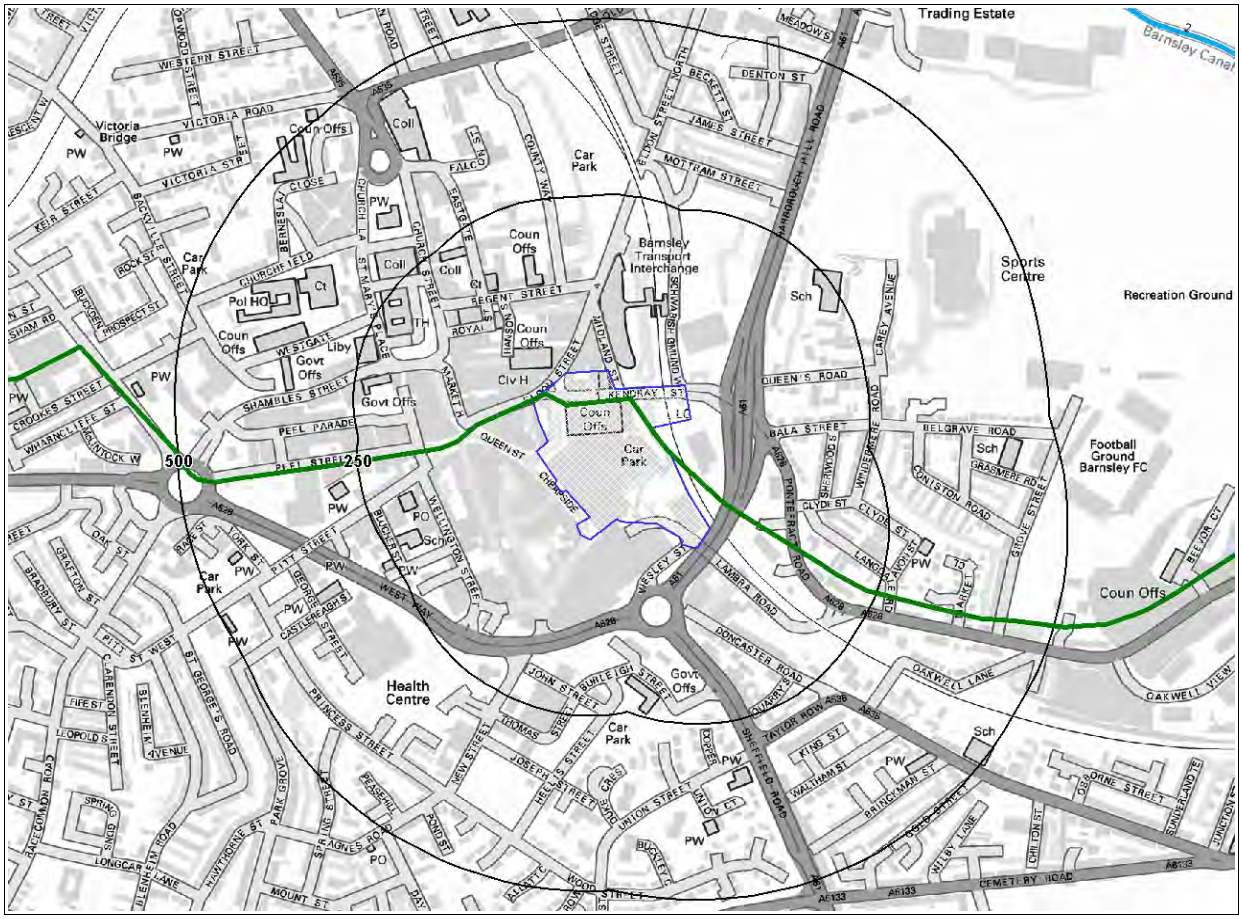
5 e. Hydrology – Detailed River Network and River Quality

NW N NE

W E



SW S SE

Hydrology – Detailed River Network and River Quality

Mapping sourced from Ordnance Survey

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Site Outline

250 500 Search Buffers (m)

Primary River
Secondary River
Tertiary River
Lake/Reservoir
Underground River (inferred)
General Quality Assessment: Biology
General Quality Assessment: Chemistry

Canal
Canal Tunnel
Culvert
Multiple Channel Culvert
Underground River (Potential Sewer)
Underground River (local knowledge)

Report Reference: GS-2017327
Client Reference: Better_Barnsley_Project

5. Hydrogeology and Hydrology

5.1 Aquifer within Superficial Deposits

Are there records of strata classification within the superficial geology at or in proximity to the property? No

Database searched and no data found.

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

5.2 Aquifer within Bedrock Deposits

Are there records of strata classification within the bedrock geology at or in proximity to the property? Yes

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

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	Designation	Description
1	0.0	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	195.0	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

5.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 2000m of the study site? Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details	
Not shown	902.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 08082 Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date:
Not shown	902.0	W	433700 406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring - Sandstone&middle Coal Measures - Barnsley Data Type: Point	Annual Volume (m^3): 350000 Max Daily Volume (m^3): 1400 Original Application No: 8082 Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/1/2004 Version End Date:
Not shown	922.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 6598 Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 100 Version Start Date: 1/12/1999 Version End Date:
Not shown	922.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 6598 Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 101 Version Start Date: 8/4/2003 Version End Date:

5.4 Surface Water Abstraction Licences

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

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance (m)	Direction	NGR	Details	
Not shown	1034.0	NE	435710 406850	Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point	Annual Volume (m^3): 7800 Max Daily Volume (m^3): 86.6 Application No: 6891 Original Start Date: 7/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 1/8/2002 Version End Date:
Not shown	1034.0	NE	435710 406850	Licence No: 2/27/08/141 Details: Make-Up Or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point	Annual Volume (m^3): 7800 Max Daily Volume (m^3): 86.6 Application No: 8254 Original Start Date: 13/3/2007 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: 1/4/2008 Version End Date:
Not shown	1034.0	NE	435710 406850	Licence No: 2/27/08/122 Details: Make-Up or Top Up Water Direct Source: Surface Water Point: River Dearne Data Type: Point	Annual Volume (m^3): - Max Daily Volume (m^3): - Application No: 6891 Original Start Date: 7/10/1998 Expiry Date: 31/10/2006 Issue No: 101 Version Start Date: 1/8/2002 Version End Date:

5.5 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 Licences Map (5c):

ID	Distance (m)	Direction	NGR	Details	
Not show n	902.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 08082 Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: Version End Date:

ID	Distance (m)	Direction	NGR	Details	
Not shown	902.0	W	433700 406060	Licence No: 2/27/08/133 Details: Water Bottling Direct Source: Groundwaters Point: Spring - Sandstone&middle Coal Measures - Barnsley Data Type: Point	Annual Volume (m^3): 350000 Max Daily Volume (m^3): 1400 Original Application No: 8082 Original Start Date: 1/1/2004 Expiry Date: 31/3/2017 Issue No: 1 Version Start Date: Version End Date:
Not shown	922.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 6598 Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 100 Version Start Date: Version End Date:
Not shown	922.0	W	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	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: 6598 Original Start Date: 23/3/1994 Expiry Date: 31/12/2003 Issue No: 101 Version Start Date: Version End Date:

5.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site? No

Database searched and no data found.

5.7 Source Protection Zones within Confined Aquifer

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

No

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

Database searched and no data found.

5.8 Groundwater Vulnerability and Soil Leaching Potential

Is there any Environment Agency information on groundwater vulnerability and soil leaching potential within 500m of the study site? Yes

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

5.9 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site? Yes

5.9.1 Biological Quality:

Database searched and no data found.

5.9.2 Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAHI). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (5d):

					Chemical Quality Grade				
ID	Distance (m)	Direction	NGR	River Quality Grade	2005	2006	2007	2008	2009
Not shown	849.0	NE	435100 407200	River Name: River Dearne Reach: New Lodge Old Mill End/Start of Stretch: Sample Point NGR	D	B	C	C	D
Not shown	1089.0	NE	435673 407028	River Name: River Dearne Reach: New Lodge Old Mill End/Start of Stretch: End of Stretch NGR	D	B	C	C	D

5.10 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site? Yes

The following Detailed River Network records are represented on the Hydrology Map (5e):

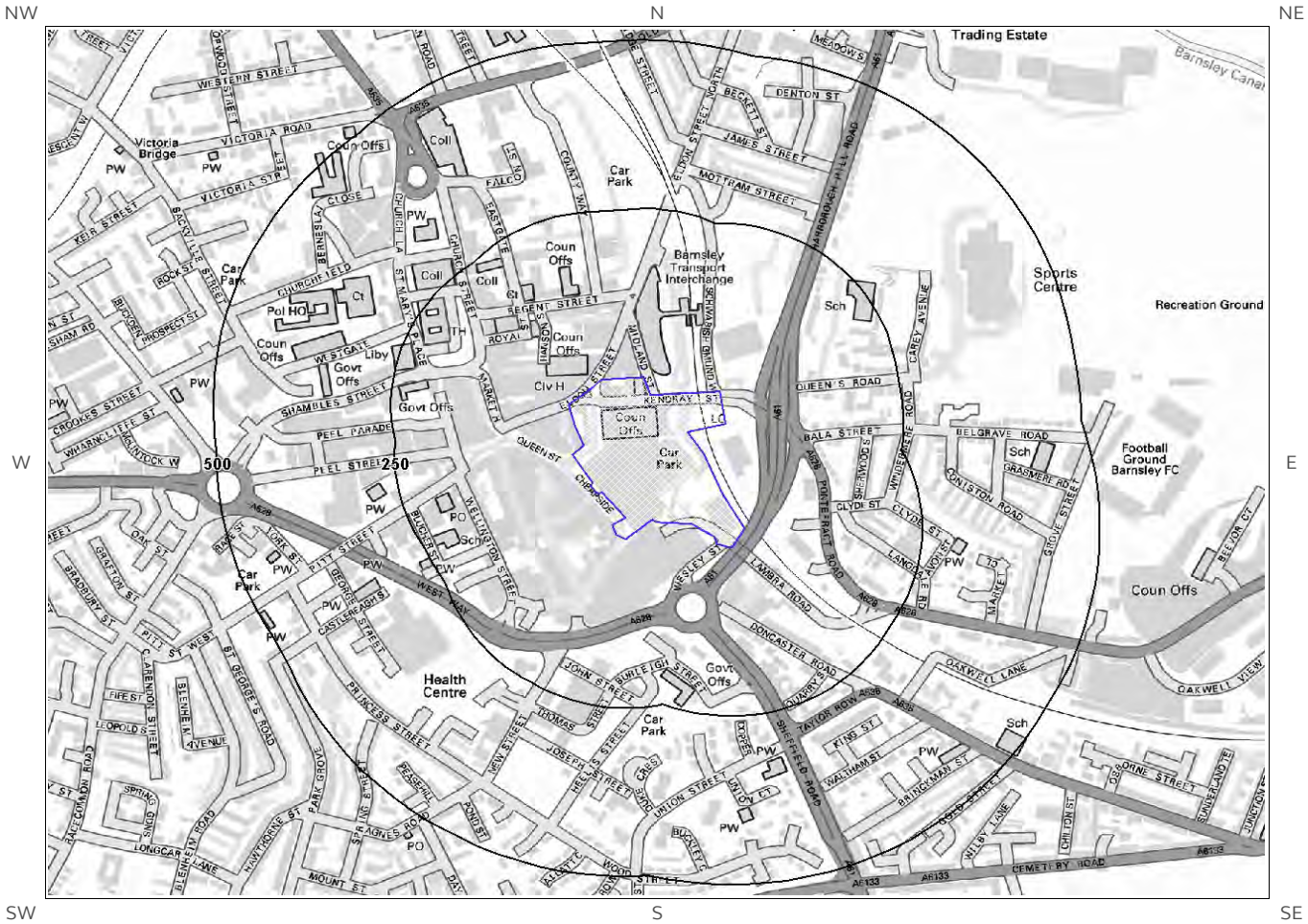
ID	Distance (m)	Direction	Details	
1	0.0	On Site	River Name: - Welsh River Name: - Alternative Name: -	River Type: Culvert Main River Status: Currently Undefined

5.11 Surface Water Features

Are there any surface water features within 250m of the study site? No

Database searched and no data found.

6. Environment Agency Flood Map for planning (from rivers and the sea)



Environment Agency Flood Map for planning (from rivers and the sea)

Mapping sourced from Ordnance Survey

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Site Outline

250
500
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

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

Is the site within 250m of an Environment Agency Zone 2 floodplain?	No

Database searched and no data found.

6.2 Zone 3 Flooding

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

Is the site within 250m of an Environment Agency Zone 3 floodplain?	No

Database searched and no data found.

6.3 Flood Defences

Are there any Flood Defences within 250m of the study site?	No

Database searched and no data found.

6.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site?	No

6.5 Areas benefiting from Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?	No

6.6 Groundwater Flooding Susceptibility Areas

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

Yes

Does this relate to Clearwater Flooding or Superficial Deposits Flooding? Clearwater Flooding

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

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

Potential at Surface

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

6.7 Groundwater Flooding Confidence Areas

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

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

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

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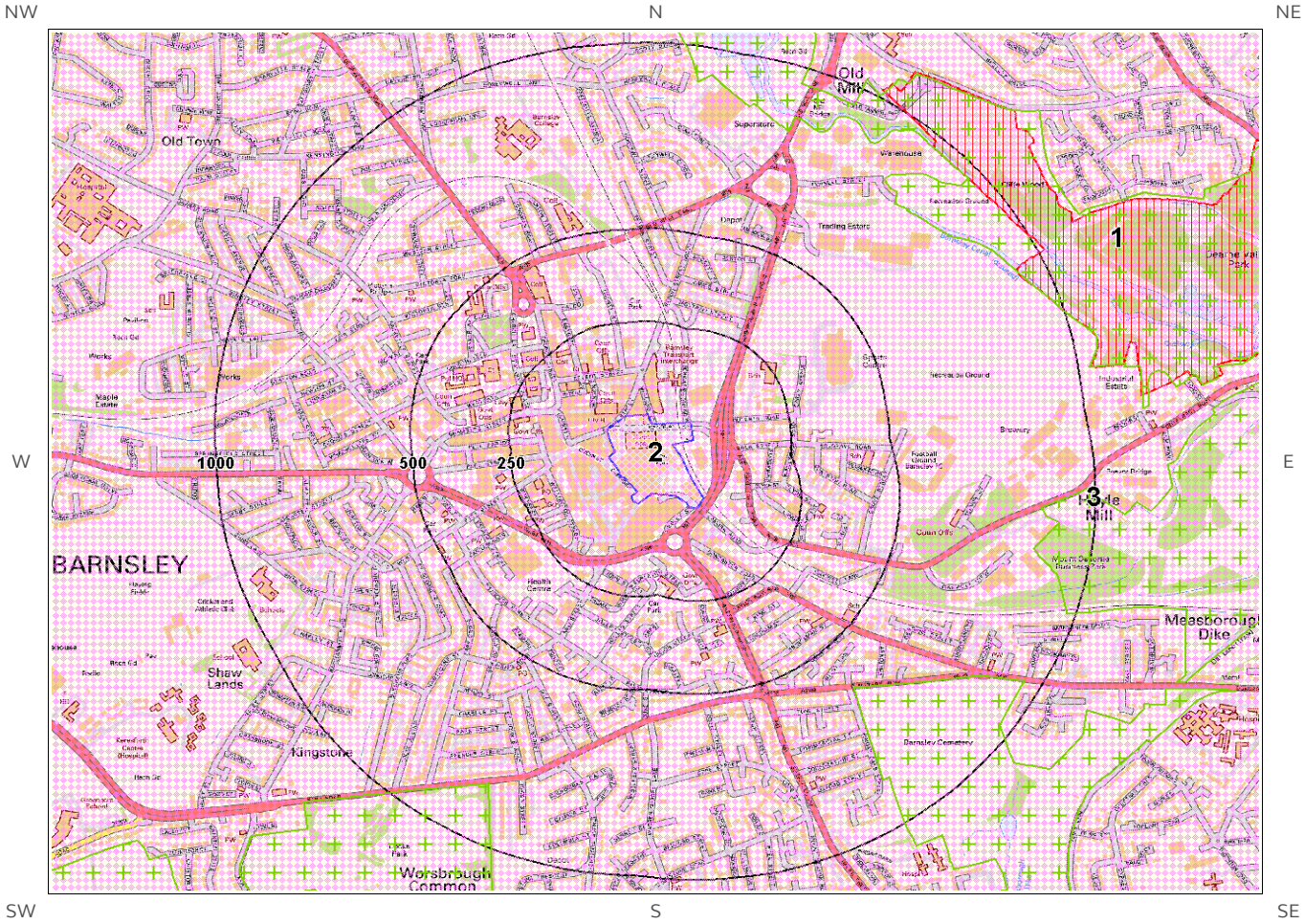
7. Designated Environmentally Sensitive Sites Map



Designated Environmentally Sensitive Sites Map

Mapping sourced from Ordnance Survey

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Site Centre
Site Outline
100
250
Search Buffers (m)

AONB
National Park
SSSI
Special Protection Areas
Nitrate Vulnerable Zones
Green Belt
Environmentally Sensitive Areas
Special Areas of Conservation
World Heritage Sites
Nitrate Sensitive Areas
Ancient Woodland
National Nature Reserve
Local Nature Reserves
RAMSAR Sites

7. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? Yes

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

1

The following Local Nature Reserve (LNR) records provided by Natural England/Natural Resources Wales are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	LNR Name	Data Source
1	926.0	NE	Dearne Valley Park	Natural England

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

0

Database searched and no data found.

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

1

The following Nitrate Vulnerable Zone records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance (m)	Direction	NVZ Name	Data Source
2	0.0	On Site	Existing	DEFRA

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

2

Green Belt data contains Ordnance Survey data © Crown copyright and database right [2015]

ID	Distance (m)	Direction	Green Belt Name	Local Authority Name
3	628.0	SE	Liverpool, Manchester and West Yorks Greenbelt	Barnsley District (B)
Not shown	1372.0	S	Liverpool, Manchester and West Yorks Greenbelt	Barnsley District (B)

8. Natural Hazards Findings

8.1 Detailed BGS GeoSure Data

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

8.1.1 Shrink Swell

What is the maximum Shrink-Swell*[*] hazard rating identified on the study site? Very Low

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

Hazard
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

8.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site? Very Low

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

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

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

8.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site? Negligible

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

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

8.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site? Negligible

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

Hazard
No indicators for compressible deposits identified. No special actions required to avoid problems due to compressible deposits. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with compressible deposits.

8.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site? Very Low

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

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

8.1.6 Running Sand

What is the maximum Running Sand*[*] hazard rating identified on the study site? Low

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

Hazard
Possibility of running sand problems after major changes in ground conditions. Normal maintenance to avoid leakage of water-bearing services or water bodies (ponds, swimming pools) should reduce likelihood of problems due to running sand. For new build - consider possibility of running sand into trenches or excavations if water table is high or sandy strata are exposed to water. Avoid concentrated water inputs to site. Unlikely to be an increase in construction costs due to potential for running sand. For existing property - no significant increase in insurance risk due to running sand problems is likely.

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

9. Mining

9.1 Coal Mining

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

The following coal mining information provided by the Coal Authority is not represented on Mapping:

Distance	Direction	Details
0.0	On Site	The study site is located within the specified search distance of an identified mining area. Further details concerning this can be obtained from the Coal Authority Helpline on 0845 762 6848.

9.2 Shallow Mining

What is the subsidence hazard relating to shallow mining on-site*? Low-Moderate

*Please note this data is searched with a 150m buffer.

9.3 Brine Affected Areas

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

Guidance: No Guidance Required.