

Document SRB-H



Oaktree Environmental
Unit 5 Oasis Park, Road 1,
Winsford Industrial Estate, Winsford,
CW7 3PP

GroundSure Reference: HMD-188-62960
Your Reference: Barry
Report Date: Mar 6, 2008
Report Delivery Method: **xml**
Client Email: marco@oaktree-environmental.co.uk

GroundSure Environmental Data Report

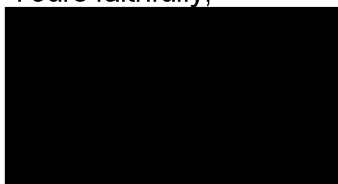
Address: WOODHAM ROAD, DOCKS, BARRY, CF62

Dear Sir/Madam,

Thank you for placing your order with GroundSure. Please find enclosed the **GroundSure Environmental Data Report** as requested.

If you need any further assistance, please do not hesitate to contact our maps and data helpline on 01273 819700 or email maps&data@groundsure.com quoting the above GroundSure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
GroundSure Environmental Data Report

GroundSure Environmental Data Report

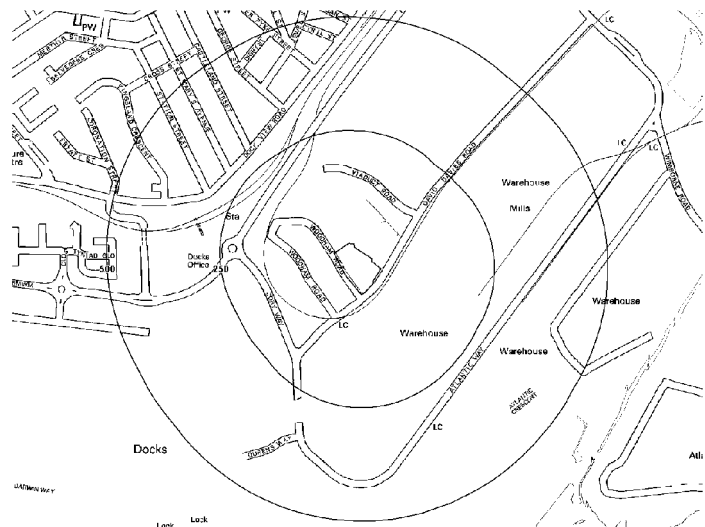
Address: WOODHAM ROAD, DOCKS, BARRY, CF62

Date: Mar 6, 2008

GroundSure Reference: HMD-188-62960

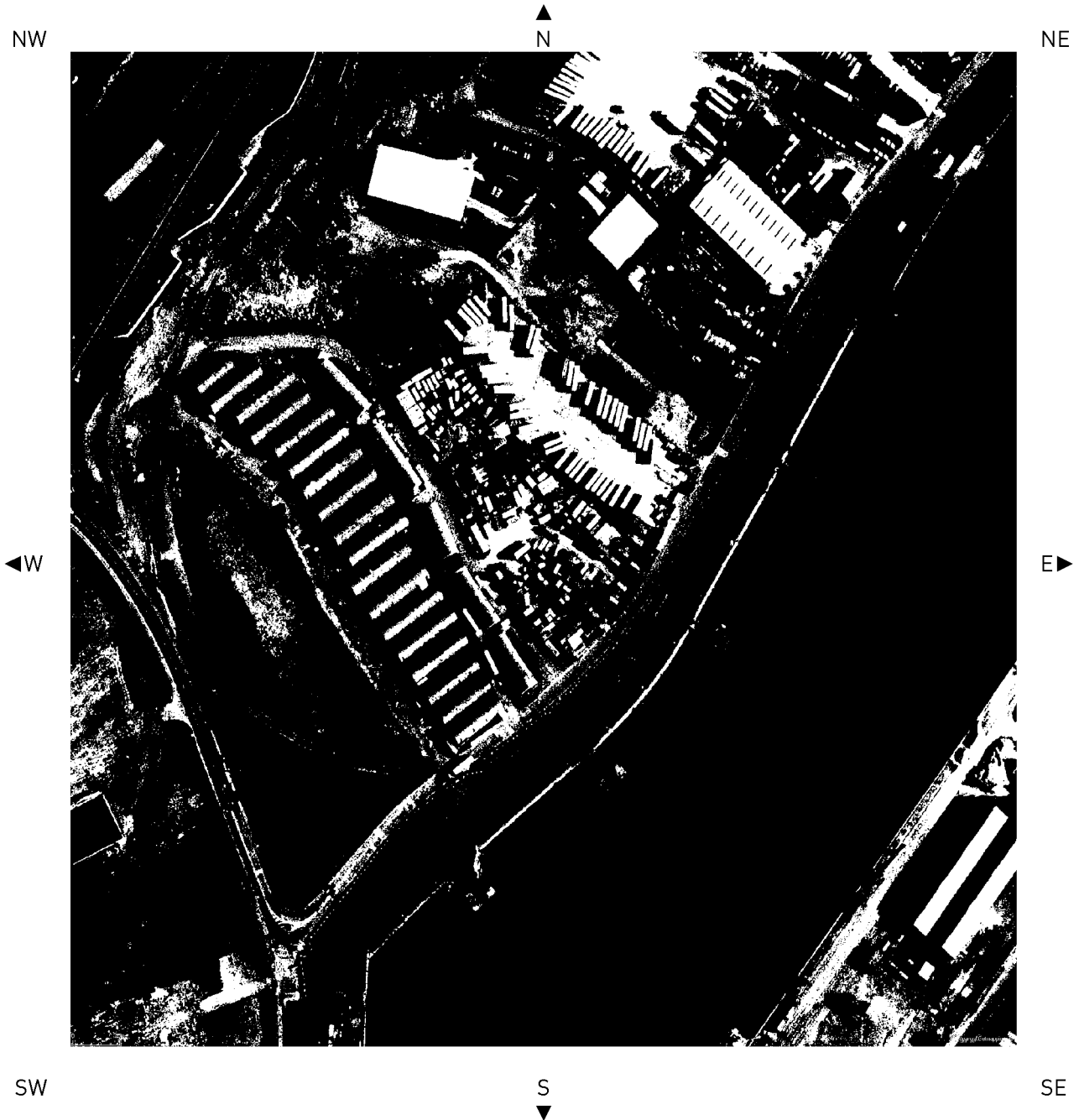
Your Reference: Barry

Client: Oaktree Environmental



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Aerial Photograph of Study Site



Aerial photography supplied by Getmapping PLC.
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Site Name: WOODHAM ROAD, DOCKS, BARRY, CF62
Grid Reference: 312620,167670

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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.



1.1 Industrial Sites Holding Licenses and/or Authorisations

Records of IPC Authorisations	0	0	0	0	0	-
Records of IPPC Authorisations	0	0	0	7	12	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of LAPPC (LAPC) Authorisations	0	0	0	2	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0	-	-
Records of Licensed Discharge Consents	0	1	1	1	-	-
1.2 Records of COMAH and NIHHS sites	0	0	0	0	-	-
1.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	0	0	2	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-



2.1 Landfill Sites

Environment Agency Registered landfill Sites	0	0	0	0	1	0
Landfill Data – Operational Landfill Sites	0	0	0	0	1	0
Environment Agency Historic Landfill Sites	0	0	1	3	3	2
Landfill Data – Non-Operational Landfill Sites	0	0	0	1	2	2
BGS/DoE Landfill Site Survey	0	0	0	0	0	0
GroundSure Local Authority Landfill Sites Data	0	0	0	1	0	0
2.2 Landfill and Other Waste Sites Findings						
Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Environment Agency (REGIS) Waste Sites	0	0	0	9	15	16



3.1 Current Industrial Sites Data	0	0	21	35	-	-
3.2 Records of Petrol and Fuel Sites	0	0	0	0	-	-
3.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-



- 4.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? * Yes
- 4.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? Yes
- 4.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.
Source: Scale: 1:50,000 BGS Sheet 263

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



5.1 Environment Agency Groundwater Vulnerability and Soil Classification							
Minor Aquifer (within 200m)	No	No	Yes	-	-	-	
Major Aquifer (within 200m)	No	No	No	-	-	-	
Soil Classification (within 200m)	No	No	Yes	-	-	-	
5.2 Groundwater Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	6	
5.3 Surface Water Abstraction Licences (within 1000m of the study site).	0	0	0	0	15	-	
5.4 Source Protection Zones							
Source Protection Zones within 500m of the study site.	0	0	0	0	-	-	
5.5 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	0	
5.6 River Quality							
Is there any Environment Agency information on river quality within 500m of the study site?	No	No	No	No	-	-	
5.7 Main Rivers							
Main Rivers within 500m of the study site.	0	0	0	0	-	-	



- 6.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site? Yes
- 6.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site? Yes
- 6.3 Are there any Areas benefiting from Flood Defences within 250m of the study site? No
- 6.4 Are there any Areas used for Flood Storage within 250m of the study site? No
- 6.5 What is the maximum BGS groundwater flooding susceptibility within 50m of the study site? High
- 6.6 What is the BGS confidence rating for the groundwater flooding susceptibility areas? Moderate



7.1 Records of Sites of Special Scientific Interest (SSSI):	0	0	0	0	1	-
7.2 Records of National Nature Reserves (NNR) :	0	0	0	0	0	-
7.3 Records of Local Nature Reserves (LNR):	0	0	0	0	0	-
7.4 Records of Special Areas of Conservation (SAC):	0	0	0	0	0	-
7.5 Records of Special Protection Areas (SPA):	0	0	0	0	0	-
7.6 Records of Ramsar sites:	0	0	0	0	0	-
7.7 Records of World Heritage Sites:	0	0	0	0	0	-



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



9.1 Are there any coal mining areas within 75m of the study site? No
 9.2 What is the risk of subsidence relating to shallow mining within 150m of the study site? Negligible

Using this Report

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

1. Authorisations, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by the Environment Agency, and sites determined as Contaminated Land. This search is conducted using radii up to 1000m.

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 artificial and superficial deposits and bedrock beneath the study site. These searches are conducted onsite and includes a 50m buffer zone.

4. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site. These searches are conducted using radii of up to 250m and includes a 50m buffer zone.

5. Hydrogeology and Hydrology

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

6. Flooding

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

7. Ecological Designated 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) and World Heritage Sites. These searches are conducted using radii of up to 1000m.

8. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These searches are conducted using radii of up to 75m.

9. Mining

Provides information on areas of coal and shallow mining. These searches are conducted using radii of up to 150m.

10. Contacts

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

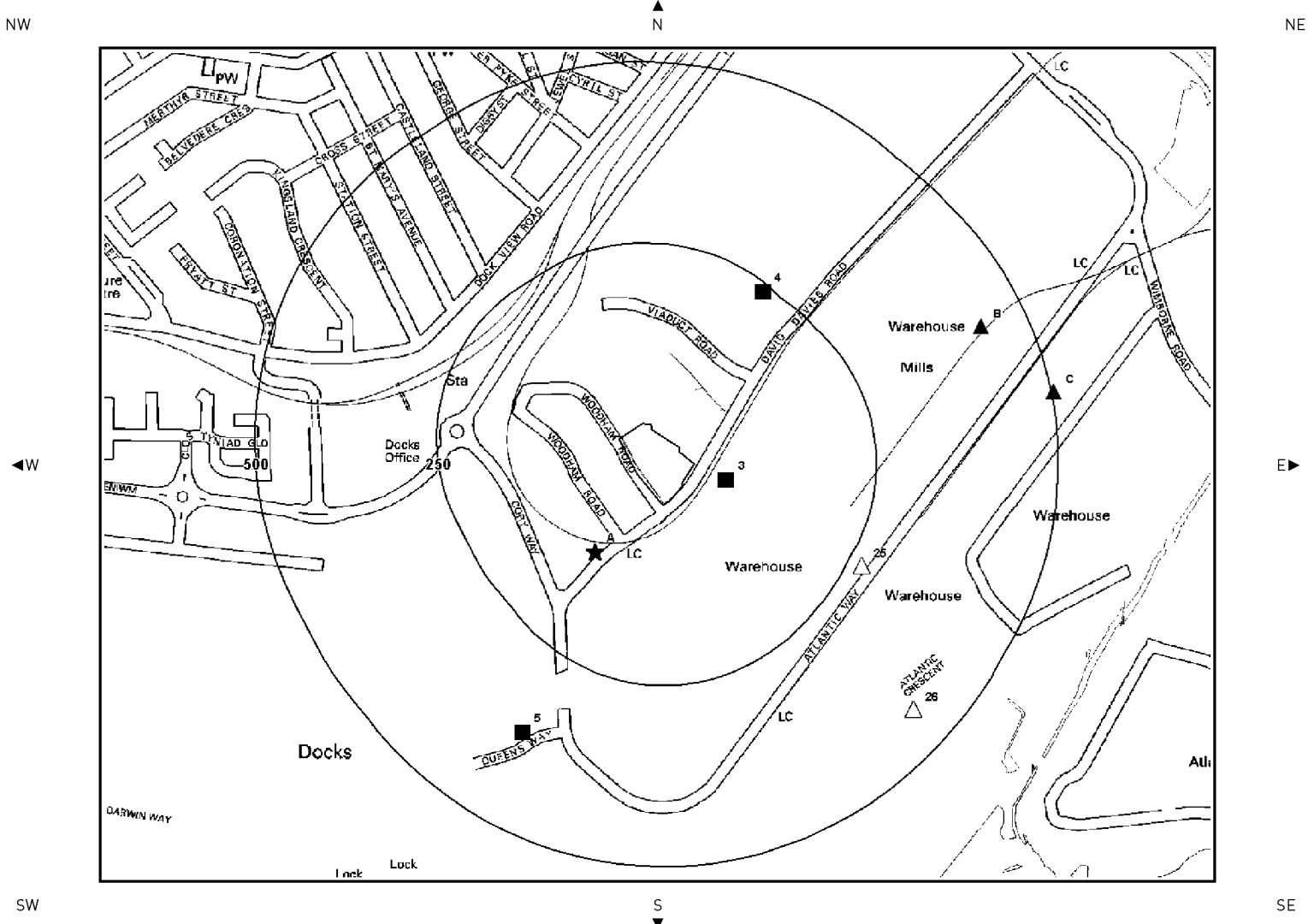
Note: Maps

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

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

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

1. Authorisations, Incidents and Registers Map



Incidents and Registers Legend

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

Mapping sourced from Ordnance Survey

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1. Authorisations, Incidents and Registers

1.1 Industrial Sites Holding Licences and/or Authorisations

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

Records of Part A Licences (IPC Processes) within 1000m of the study site:

0

Database searched and no data found.

Records of Part A Licences (IPPC Processes) within 1000m of the study site:

19

The following Part A Licences (IPPC Processes) are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance	Direction	NGR	Details
6B	436.0	NE	313070,167850	Operator: Rank Hovis Limited Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 17/08/2005 Effective Date: 17/08/2005
7B	436.0	NE	313070,167850	Operator: Rank Hovis Limited Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 17/08/2005 Effective Date: 17/08/2005
8B	436.0	NE	313070,167850	Operator: Rank Hovis Ltd Installation Name: Rank Hovis Ltd Barry Status: Determination Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: - Effective Date: -
9B	436.0	NE	313070,167850	Operator: Rank Hovis Ltd Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 17/08/2005 Effective Date: 17/08/2005
10B	436.0	NE	313070,167850	Operator: Rank Hovis Ltd Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 17/08/2005 Effective Date: 17/08/2005
11B	436.0	NE	313070,167850	Operator: Rank Hovis Limited Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 20050817 Effective Date: 20050817
12B	436.0	NE	313070,167850	Operator: Rank Hovis Limited Installation Name: Barry Flour Mill Status: Effective Permit Number: BP3376IE Original Permit Number: BP3376IE Issue Date: 20050817 Effective Date: 20050817
13C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005
14C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005
15C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005
16C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005
17C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 20051107 Effective Date: 20051107
18C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 20051107 Effective Date: 20051107

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19C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 20051107 Effective Date: 20051107
20C	503.0	E	313170,167760	Operator: Alembic Manufacturing Ltd Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 20051107 Effective Date: 20051107
Not shown	991.0	SE	313170,166770	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Determination	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: - Effective Date: -
Not shown	991.0	SE	313170,166770	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Determination	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: - Effective Date: -
Not shown	991.0	SE	313170,166770	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005
Not shown	991.0	SE	313170,166770	Operator: Alembic Manufacturing Ltd. Installation Name: Barry Aluminium Chlorohydrate Plant Status: Effective	Permit Number: MP3431SP Original Permit Number: MP3431SP Issue Date: 07/11/2005 Effective Date: 07/11/2005

Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site: 0

Database searched and no data found.

Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site: 0

Database searched and no data found.

Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of LAPPC (LAPC) Authorisations within 500m of the study site: 2

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

ID	Distance	Direction	NGR	Details
25	270.0	SE	312906.0,167519.0	Address: Hanson Building Material Europe Limited, Atlantic Trading Estate, Wimborne Road, Barry Docks, Barry Process: Cement Batching Status: Date: 20040401
26	443.0	SE	312978.0,167320.0	Address: Apex Coal Ltd., Coal Yard, No. 2 Dock, Off Atlantic Way, Barry Docks, Barry, Process: Coal Handling Status: Current Date: 2004

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: 0

Database searched and no data found.

Records of Licenced Discharge Consents within 500m of the study site: 3

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

ID	Distance	Direction	NGR	Details	
3	48.0	SE	312720,167640	Address: Fisher Containers David Davies Road, Fisher Containers David Davies R, David Davies Road Barry Dock Bar, Barry Dock Barry ,, Barry , Effluent Type: Unspecified Permit Number: AN0033206 Permit Version: 2	Receiving Water: Barry Docks Status: Lapsed Under Schedule 23 Environment Act 1995 Issue date: 00//11/10/7 Effective Date: - Revocation Date: -
4	239.0	NE	312770,167900	Address: Factory At David Davies Road Barry, Factory At David Davies Road, Barry Docks, Barry, Vale Of Glamorgan Effluent Type: Unspecified Permit Number: AN0238001 Permit Version: 1	Receiving Water: Barry Docks Status: New Consent, By Application (wra 91, Section 88) Issue date: 00/0//27/1 Effective Date: - Revocation Date: -
5	370.0	SW	312440,167290	Address: Brt International Ltd, No3 Dock, Barry Docks, CF63 3RA Effluent Type: Unspecified Permit Number: AN0033237 Permit Version: 2	Receiving Water: Barry Docks Status: Modified - (wra 91 Sched 10 - As Amended By Env Act 1995) Issue date: 00/19/9/7/ Effective Date: - Revocation Date: -

1.2 Dangerous or Hazardous Sites

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

0

Database searched and no data found.

1.3 Environment Agency Recorded Pollution Incidents

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

2

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

ID	Distance	Direction	NGR	Details	
1A	112.0	SW	312540,167540	Incident Date: 16-Dec-2002 Incident Identification: 126244 Pollutant: - Pollutant Description: -	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
2A	112.0	SW	312540,167540	Incident Date: 16-Dec-2002 Incident Identification: 126244 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

0

Database searched and no data found.

1.4 Sites Determined as Contaminated Land under Part IIA EPA 1990¹

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

0

Database searched and no data found.

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

2. Landfill and Other Waste Sites Map

NW

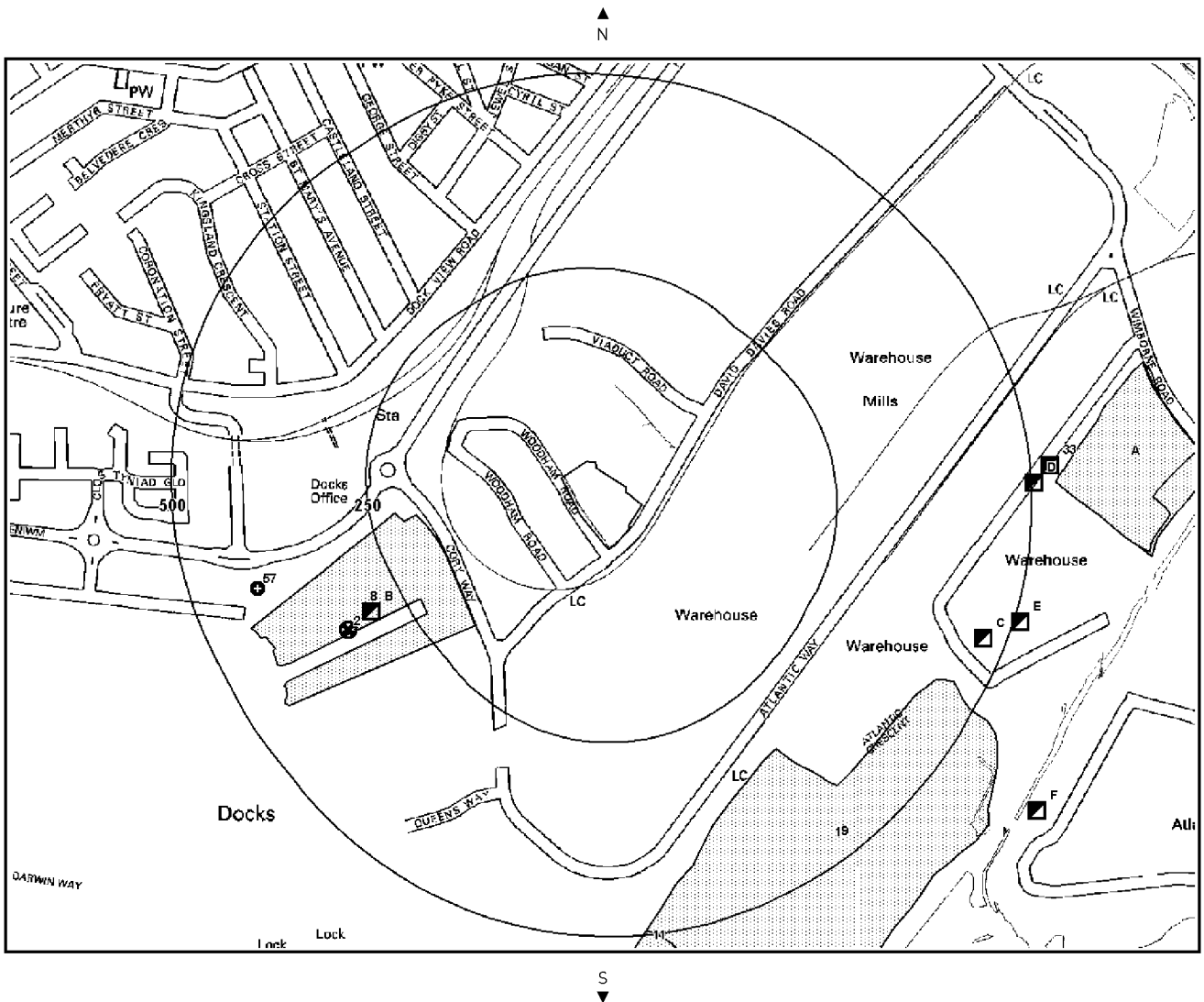
NE

W

E

SW

SE



Landfill & Other Waste Sites Legend



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- | | | | | | |
|--|--------------------|--|---------------------------------------|--|-------------------------------------|
| | Site Outline | | E.A. Active Landfill | | Operational Waste Treatment Licence |
| | 250 | | E.A. Historic Landfill (Area Data) | | Closed Waste Treatment Licence |
| | 500 | | E.A. Historic Landfill (Point Data) | | REGIS Waste Licence |
| | Search Buffers (m) | | BGS / DoE Survey Landfill | | Operational Landfill |
| | | | Local Authority Landfill (Area Data) | | Closed Landfill |
| | | | Local Authority Landfill (Point Data) | | |

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2. Landfill and Other Waste Sites

2.1 Landfill Sites¹

Records from Environment Agency landfill data within 1000m of the study site:
1

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

ID	Distance	Direction	NGR	Details	
Not shown	897.0	NE	313462.0,168356.0	Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Landfill Reference: 30043.0 Regis Reference: DOW001 Landfill Type: A7 - Industrial Waste Landfill (Factory curtilage)	Operator: Dow Corning Ltd Status: Licence issued IPPC Reference:

Records of operational landfill sites sourced from Landmark within 1500m of the study site:
1

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

ID	Distance	Direction	NGR	Details	
Not shown	964.0	NE	313400.0,168300.0	Site Address: Dow Corning Factory, East No 2 Dock, BARRY, South Glamorgan, Agency Reference: EAWML30043 Waste Type: Difficult Waste Description: Difficult Landfill Known Restrictions: Waste produced/controlled by licence holder	Record Date: 01-Apr-1991 Transfer Date: Modification Date: 01-Mar-1999 Status: Operational as far as is known Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Undefined

Records of Environment Agency historic landfill sites within 1500m of the study site:
9

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

ID	Distance	Direction	NGR	Details	
8	177.0	SW	312300,167500	Site Address: Barry Graving Dock, Off Cory Way, Barry, Vale Of Glamorgan Waste Licence: Yes Site Reference: 61 Waste Type: Industrial, Household, Special Regis Reference: WU1/L/ASS001	Data Type: Polygon Licence Issue: 11-Oct-1994 Licence Surrendered: 16-Jan-2006 Licence Hold Address: 150 Holborn, London Operator: Associated British Ports
9	334.0	SE	312900,167200	Site Address: Barry Docks Area A, Atlantic Trading Estate, Atlantic Crescent, Barry, South Glamorgan Waste Licence: Yes Site Reference: 4 Waste Type: Industrial, Special, Liquid sludge Regis Reference: -	Data Type: Polygon Licence Issue: 26-Oct-1977 Licence Surrendered: 31-Dec-1978 Licence Hold Address: - Operator: BP Chemicals Limited

¹This information is gathered from a wide range of sources including, the Environment Agency (Agency), The British Geological Survey (BGS) and under licence from Landmark Information Group Limited®. Data supplied by Landmark Information Group Limited® and the Agency refers to waste management licences required (under either the Control of Pollution Act 1974 and/or the Environmental Protection Act 1990) by anyone involved in waste disposal. A survey by the BGS undertaken in 1972/3 provides data on some older landfill sites that were not subject to legislation. Environment Agency data on historic waste / landfill sites is still being updated by the Agency as part of an ongoing project. GroundSure use this data because more accurate data is not yet publicly available and will use enhanced Environment Agency data when it is released.

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10	334.0	SE	312800,167100	Site Address: Barry Docks Area A and B, Atlantic Trading Estate, Atlantic Crescent, Barry, South Glamorgan Waste Licence: Yes Site Reference: 16 Waste Type: Inert, Industrial, Commercial, Household, Special Regis Reference: -	Data Type: Polygon Licence Issue: 15-Mar-1979 Licence Surrendered: Licence Hold Address: - Operator: BP Chemicals Limited
11	494.0	S	312700,166900	Site Address: Barry Docks Area B, Atlantic Trading Estate, Atlantic Crescent, Barry, South Glamorgan Waste Licence: Yes Site Reference: 8 Waste Type: Industrial Regis Reference: -	Data Type: Polygon Licence Issue: 27-Feb-1978 Licence Surrendered: 31-Dec-1978 Licence Hold Address: - Operator: BP Chemicals Limited
12A	531.0	E	313300,167700	Site Address: Atlantic Trading Estate, Barry Dock No 2, Wimbourne Road, Barry, South Glamorgan Waste Licence: - Site Reference: 6950/0060 Waste Type: Inert, Industrial, Household, Special Regis Reference: -	Data Type: Polygon Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Penarth Contractor
13A	531.0	E	313300,167700	Site Address: Barry Dock No.1, Atlantic Trading Estate, Wimbourne Road, Barry, South Glamorgan Waste Licence: Yes Site Reference: 6, 6950/0025 Waste Type: Inert, Industrial, Household Regis Reference: -	Data Type: Polygon Licence Issue: 02-Nov-1977 Licence Surrendered: 31-Dec-1978 Licence Hold Address: - Operator: F J H Brackett
14	793.0	NE	313500,168200	Site Address: Barry Factory Salt Water Pond, Wimbourne Road, Barry, South Glamorgan Waste Licence: Yes Site Reference: 22A Waste Type: Inert, Industrial, Household, Special, Liquid sludge Regis Reference: -	Data Type: Polygon Licence Issue: 19-Dec-1980 Licence Surrendered: Licence Hold Address: - Operator: Dow Corning Limited
Not shown	1097.0	NE	313700,168300	Site Address: Barry Factory Ponds A, B and C, Wimbourne Road, Barry, South Glamorgan Waste Licence: Yes Site Reference: 9 Waste Type: Industrial Regis Reference: -	Data Type: Polygon Licence Issue: 06-Apr-1978 Licence Surrendered: Licence Hold Address: - Operator: Dow Corning Limited
Not shown	1438.0	W	311100,167000	Site Address: West Pond, Barry, South Glamorgan Waste Licence: - Site Reference: - Waste Type: Inert, Industrial, Commercial, Household, Special Regis Reference: -	Data Type: Polygon Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -

Records of non-operational landfill sites sourced from Landmark within 1500m of the study site:
5

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

ID	Distance	Direction	NGR	Details
2	332.0	SW	312300.0,167500.0	Site Address: Graving Docks 1 & 2 and Barry No.1 Dock, off Cory Way, BARRY, South Glamorgan, Landfill Licence: W7BABWAL Agency Reference: EAWML30147 Waste Type: Difficult Waste Description: Difficult Landfill Known Restrictions: Only waste produced on site Record Date: 01-Oct-1994 Transfer Date: Modification Date: 01-Nov-1999 Status: Site closed Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Large (< 250,000 tonnes/year)

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Not shown	708.0	S	312700.0,166900.0	Site Address: Atlantic Trading Estate, Barry Dock, BARRY, South Glamorgan, Landfill Licence: W7BAATAL Agency Reference: Waste Type: Putrescible Waste Description: Putrescible Landfill Known Restrictions: No known restriction on source of waste	Record Date: 01-Mar-1979 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Undefined
Not shown	964.0	NE	313400.0,168300.0	Site Address: Dow Corning Factory, East No 2 Dock, BARRY, South Glamorgan, Landfill Licence: W7BAAAAL Agency Reference: Waste Type: Difficult Waste Description: Difficult Landfill Known Restrictions: Only waste produced on site	Record Date: 01-Dec-1980 Transfer Date: Modification Date: Status: Record superseded Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Very Small (<=10,000 tonnes/year)
Not shown	1078.0	W	311500.0,167795.0	Site Address: Barry Docks, BARRY, South Glamorgan, Landfill Licence: W7BAALAL Agency Reference: Waste Type: Difficult Waste Description: Difficult Landfill Known Restrictions: No known restriction on source of waste	Record Date: 01-Jun-1985 Transfer Date: Modification Date: Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Undefined
Not shown	1078.0	W	311500.0,167800.0	Site Address: Barry Docks, BARRY, South Glamorgan, Landfill Licence: W7BAAEAL Agency Reference: Waste Type: Difficult Waste Description: Difficult Landfill Known Restrictions: No known restriction on source of waste	Record Date: 01-Mar-1979 Transfer Date: Modification Date: Status: Record superseded Category: LANDFILL Regulator: EA - Welsh Region - South East Area (Cardiff) Size: Small (<=25,000 tonnes/year)

Records of BGS/DoEnon-operational landfill sites within 1500m of the study site: 0

Database searched and no data found.

Records of Local Authority landfill sites within 1500m of the study site: 1

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

ID	Distance	Direction	Site Address	Source	Data Type
57	415.0	W	Barry Graving Dock, The Waterfront, Barry	Vale of Glamorgan Council	Point

2.2 Other Waste Sites¹

Records of operational waste treatment, transfer or disposal sites within 500m of the study site: 0

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site: 0

Database searched and no data found.

¹This information is gathered from a wide range of sources including, the Environment Agency (Agency), The British Geological Survey (BGS) and under licence from Landmark Information Group Limited®. Data supplied by Landmark Information Group Limited® and the Agency refers to waste management licences required (under either the Control of Pollution Act 1974 and/or the Environmental Protection Act 1990) by anyone involved in waste disposal. A survey by the BGS undertaken in 1972/3 provides data on some older landfill sites that were not subject to legislation. Environment Agency data on historic waste / landfill sites is still being updated by the Agency as part of an ongoing project. GroundSure use this data because more accurate data is not yet publicly available and will use enhanced Environment Agency data when it is released.

Records of Environment Agency (REGIS) waste sites within 1500m of the study site:
40

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

ID	Distance	Direction	NGR	Details
17B	295.0	SW	312329,167525	<p>Site Address: Graving Docks Landfill, 1 & 2 Dock, Off Cory Way, Barry Docks, Barry, Vale Of Glam, CF1 7QB Type: Other landfill sites taking special waste Size: →= 75000 tonnes Regis Licence Number: ASS001 Operator: Associated British Ports Surrendered Date: - Waste Management licence No: 30147 Annual Tonnage: 0.0</p> <p>Issue Date: 11/10/1994 Expiry Date: - Effective Date: - Status: Closure Modified: - Site Name: Graving Dock Cancelled Date: - Correspondence Address: 150, Holborn Road, London, , EC1 2LR</p>
18B	295.0	SW	312329,167525	<p>Site Address: Graving Docks Landfill, 1 & 2 Dock, Off Cory Way, Barry Docks, Barry, Vale Of Glam, CF1 7QB Type: - Size: 1 Regis Licence Number: - Operator: Associated British Ports Surrendered Date: - Waste Management licence No: 30147 Annual Tonnage: 0.0</p> <p>Issue Date: - Expiry Date: - Effective Date: - Status: - Modified: - Site Name: Graving Dock Cancelled Date: - Correspondence Address: , ,</p>
19B	295.0	SW	312329,167525	<p>Site Address: Graving Docks Landfill, 1 & 2 Dock, Off Cory Way, Barry Docks, Barry, Vale Of Glam, CF1 7QB Type: Other landfill sites taking special waste Size: ← 25000 tonnes Regis Licence Number: ASS001 Operator: Associated British Ports Surrendered Date: 16/1/2006 Waste Management licence No: 30147 Annual Tonnage: 300000.0</p> <p>Issue Date: 11/10/1994 Expiry Date: - Effective Date: - Status: Surrendered Modified: - Site Name: Graving Dock Cancelled Date: 0 Correspondence Address: Arup, 4, Pierhead Street, Capital Waterside, Cardiff, CF10 4QP</p>
20B	295.0	SW	312329,167525	<p>Site Address: Graving Docks Landfill, 1 & 2 Dock, Off Cory Way, Barry Docks, Barry, Vale Of Glam, CF1 7QB Type: Other landfill sites taking special waste Size: →= 75000 tonnes Regis Licence Number: ASS001 Operator: Associated British Ports Surrendered Date: - Waste Management licence No: 30147 Annual Tonnage: 0.0</p> <p>Issue Date: 11/10/1994 Expiry Date: - Effective Date: - Status: Closure Modified: - Site Name: Graving Dock Cancelled Date: - Correspondence Address: Alan Stark, 150, Holborn Road, , London, , EC1 2LR</p>
21B	295.0	SW	312329,167525	<p>Site Address: Graving Docks Landfill, 1 & 2 Dock, Off Cory Way, Barry Docks, Barry, Vale Of Glam, CF1 7QB Type: Other landfill sites taking special waste Size: →= 75000 tonnes Regis Licence Number: ASS001 Operator: Associated British Ports Surrendered Date: - Waste Management licence No: 30147 Annual Tonnage: 0.0</p> <p>Issue Date: 11/10/1994 Expiry Date: - Effective Date: - Status: Closure Modified: - Site Name: Graving Dock Cancelled Date: - Correspondence Address: Arup, 4, Pierhead Street, Capital Waterside, Cardiff, CF10 4QP</p>
22C	470.0	E	313114,167490	<p>Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 2499.0</p> <p>Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: - Correspondence Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF</p>

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23C	470.0	E	313114,167490	Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RG Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 2499.0	Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: - Correspondence Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RF
24C	470.0	E	313114,167490	Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RG Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 2499.0	Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: 0 Correspondence Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RF
25C	470.0	E	313114,167490	Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RG Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 2499.0	Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: - Correspondence Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, Vale Of Glam, CF63 3RF
26D	504.0	E	313180,167691	Site Address: Atlantic Salvage Company, 22, Atlantic Business Park, Barry Docks, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0	Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: - Correspondence Address: 22, Barry Docks, Atlantic Business Park, Barry, Vale Of Glam, CF63 3RF
27D	504.0	E	313180,167691	Site Address: Atlantic Salvage Company, 22, Atlantic Business Park, Barry Docks, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0	Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: - Correspondence Address: 22, Barry Docks, Atlantic Business Park, Barry, Vale Of Glam, CF63 3RF
28D	504.0	E	313180,167691	Site Address: Atlantic Salvage Company, 22, Atlantic Business Park, Barry Docks, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0	Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: 0 Correspondence Address: 22, Barry Docks, Atlantic Business Park, Barry, Vale Of Glam, CF63 3RF
29D	504.0	E	313180,167691	Site Address: 22, Atlantic Business Park, Barry Docks, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0	Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: - Correspondence Address: 22 Atlantic Business Park, Barry Docks, , Barry, Vale Of Glam, CF63 3RF

GroundSure Environmental Data Report Reference: HMD-188-62960

30D	504.0	E	313180,167691	<p>Site Address: Atlantic Salvage Company, 22, Atlantic Business Park, Barry Docks, Barry, South Glamorgan, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0</p>	<p>Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: - Correspondence Address: 22, Barry Docks, Atlantic Business Park, Barry, South Glamorgan, CF63 3RF</p>
31E	508.0	E	313162,167511	<p>Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 0.0</p>	<p>Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: - Correspondence Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF</p>
32E	508.0	E	313162,167511	<p>Site Address: Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: LEV001 Operator: Levics Len Surrendered Date: - Waste Management licence No: 30362 Annual Tonnage: 0.0</p>	<p>Issue Date: 14/6/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Levics Vehicle Dismantlers Cancelled Date: - Correspondence Address: Len Levics, Sub Unit 1, 19, Atlantic Crescent, Barry Docks, Barry, South Glam, CF63 3RF</p>
33	525.0	E	313200,167713	<p>Site Address: 22, Atlantic Business Park, Barry Docks, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: COM003 Operator: Comerford David John Surrendered Date: - Waste Management licence No: 30354 Annual Tonnage: 2499.0</p>	<p>Issue Date: 29/9/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Atlantic Salvage Company Cancelled Date: - Correspondence Address: 22 Atlantic Business Park, Barry Docks, , Barry, Vale Of Glam, CF63 3RF</p>
34F	636.0	SE	313183,167268	<p>Site Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: AND003 Operator: Andrew Brown & Lee Walter Peacock Surrendered Date: - Waste Management licence No: 30372 Annual Tonnage: 2499.0</p>	<p>Issue Date: 26/1/2006 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: A & L Scrap Metal Merchants Cancelled Date: - Correspondence Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF</p>
35F	636.0	SE	313183,167268	<p>Site Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: AND003 Operator: Andrew Brown & Lee Walter Peacock Surrendered Date: - Waste Management licence No: 30372 Annual Tonnage: 2499.0</p>	<p>Issue Date: 26/1/2006 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: A & L Scrap Metal Merchants Cancelled Date: - Correspondence Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF</p>
36F	636.0	SE	313183,167268	<p>Site Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF Type: End of Life Vehicles Size: ← 25000 tonnes Regis Licence Number: AND003 Operator: Andrew Brown & Lee Walter Peacock Surrendered Date: - Waste Management licence No: 30372 Annual Tonnage: 2499.0</p>	<p>Issue Date: 26/1/2006 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: A & L Scrap Metal Merchants Cancelled Date: 0 Correspondence Address: Unit 14e, Atlantic Trading Estate, Barry, Vale Of Glam, CF63 3RF</p>

GroundSure Environmental Data Report Reference: HMD-188-62960

Not shown	968.0	NE	313398,168308	Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Industrial waste landfills Size: ← 25000 tonnes Regis Licence Number: DOW001 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30043 Annual Tonnage: 18250.0	Issue Date: 9/4/1991 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Ltd Cancelled Date: - Correspondence Address: Cardiff Road, Barry, Vale Of Glam, CF63 2YL
Not shown	968.0	NE	313398,168308	Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: - Size: 1 Regis Licence Number: - Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30043 Annual Tonnage: 0.0	Issue Date: - Expiry Date: - Effective Date: - Status: - Modified: - Site Name: Dow Corning Ltd Cancelled Date: - Correspondence Address: , ,
Not shown	968.0	NE	313398,168308	Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Industrial waste landfills Size: ← 25000 tonnes Regis Licence Number: DOW001 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30043 Annual Tonnage: 18250.0	Issue Date: 4/9/1991 0:00:00 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Ltd Cancelled Date: - Correspondence Address: Cardiff Road, Barry, Vale Of Glam, CF63 2YL
Not shown	968.0	NE	313398,168308	Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Industrial waste landfills Size: ← 25000 tonnes Regis Licence Number: DOW001 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30043 Annual Tonnage: 18250.0	Issue Date: 9/4/1991 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Ltd Cancelled Date: - Correspondence Address: Beth Voice, Cardiff Road, Barry, Vale Of Glam, CF63 2YL
Not shown	1019.0	N	312323,168696	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF31 3XT Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: ECO002 Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 24999.0	Issue Date: 22/12/1992 Expiry Date: - Effective Date: - Status: Issued Modified: 29/3/1999 Site Name: Court Road Civic Amenity Site Cancelled Date: - Correspondence Address: Stormy West Transfer Station, Stormy Down, Pyle, Bridgend, Vale Of Glam, CF32 0NP
Not shown	1019.0	N	312323,168696	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF31 3XT Type: - Size: 1 Regis Licence Number: - Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 0.0	Issue Date: - Expiry Date: - Effective Date: - Status: - Modified: - Site Name: Court Road Civic Amenity Site Cancelled Date: - Correspondence Address: , ,
Not shown	1019.0	N	312323,168696	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF31 3XT Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: ECO002 Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 24999.0	Issue Date: 22/12/1992 Expiry Date: - Effective Date: - Status: Issued Modified: 29/3/1999 Site Name: Court Road Civic Amenity Site Cancelled Date: - Correspondence Address: Zac Shell, Stormy West Transfer Station, Stormy Down, Pyle, Bridgend, Vale Of Glam, CF32 0NP
Not shown	1019.0	N	312323,168696	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF31 3XT Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: ECO002 Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 24999.0	Issue Date: 22/12/1992 Expiry Date: - Effective Date: - Status: Issued Modified: 29/3/1999 Site Name: Court Road Civic Amenity Site Cancelled Date: - Correspondence Address: Lakeside Pavillion, Chaucer Business Park, Watery Lane, Kemsing, Sevenoaks, TN15 6QY

GroundSure Environmental Data Report Reference: HMD-188-62960

Not shown	1034.0	N	312290,168702	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF63 1ET Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: ECO002 Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 24999.0	Issue Date: 22/12/1992 Expiry Date: - Effective Date: - Status: Issued Modified: 29/3/1999 Site Name: Court Road Civic Amenity Site Cancelled Date: - Correspondence Address: Lakeside Pavillion, Chaucer Business Park, Watery Lane, Kemsing, Sevenoaks, Kent, TN15 6QY
Not shown	1034.0	N	312290,168702	Site Address: Court Road C/ A Site, Court Road, Barry, Vale Of Glam, CF63 1ET Type: Household, Commercial and Industrial transfer stations Size: ← 25000 tonnes Regis Licence Number: ECO002 Operator: Ecovert Ltd Surrendered Date: - Waste Management licence No: 30076 Annual Tonnage: 24999.0	Issue Date: 22/12/1992 Expiry Date: - Effective Date: - Status: Issued Modified: 29/3/1999 Site Name: Court Road Civic Amenity Site Cancelled Date: 0 Correspondence Address: Lakeside Pavillion, Chaucer Business Park, Watery Lane, Kemsing, Sevenoaks, Kent, TN15 6QY
Not shown	1034.0	N	312290,168702	Site Address: Aberthaw Power Station, Aberthaw, Barry, Vale Of Glam, CF62 4ZW Type: Industrial waste landfills Size: →= 75000 tonnes Regis Licence Number: INN001 Operator: R W E Innogy Plc Surrendered Date: - Waste Management licence No: 30067 Annual Tonnage: 1100200.0	Issue Date: 22/8/1992 Expiry Date: - Effective Date: 14/7/2001 Status: Modified Modified: 17/7/2003 Site Name: Aberthaw Power Station Cancelled Date: - Correspondence Address: Aberthaw Power Station, Aberthaw, Vale Of Glam, CF62 4ZW
Not shown	1050.0	NE	313595,168171	Site Address: Dow Corning Waste Transfer Station, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Material recycling treatment facilities Size: ← 25000 tonnes Regis Licence Number: DOW003 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30376 Annual Tonnage: 4999.0	Issue Date: 29/12/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Waste Transfer Station Cancelled Date: - Correspondence Address: Dow Corning Ltd, Cardiff Road, Barry, Vale Of Glam, CF63 2YL
Not shown	1050.0	NE	313595,168171	Site Address: Dow Corning Waste Transfer Station, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Material recycling treatment facilities Size: ← 25000 tonnes Regis Licence Number: DOW003 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30376 Annual Tonnage: 4999.0	Issue Date: 29/12/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Waste Transfer Station Cancelled Date: - Correspondence Address: Dow Corning Ltd, Cardiff Road, Barry, , Vale Of Glam, CF63 2YL
Not shown	1050.0	NE	313595,168171	Site Address: Dow Corning Waste Transfer Station, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Material recycling treatment facilities Size: ← 25000 tonnes Regis Licence Number: DOW003 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30376 Annual Tonnage: 4999.0	Issue Date: 29/12/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Waste Transfer Station Cancelled Date: 0 Correspondence Address: Dow Corning Ltd, Cardiff Road, Barry, Vale Of Glam, CF63 2YL
Not shown	1051.0	NE	313591,168181	Site Address: Dow Corning Ltd, Cardiff Road, Barry, Vale Of Glam, CF63 2YL Type: Material recycling treatment facilities Size: ← 25000 tonnes Regis Licence Number: DOW003 Operator: Dow Corning Ltd Surrendered Date: - Waste Management licence No: 30376 Annual Tonnage: 4999.0	Issue Date: 29/12/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dow Corning Waste Transfer Station Cancelled Date: - Correspondence Address: Cardiff Road, Barry, , CF63 2YL

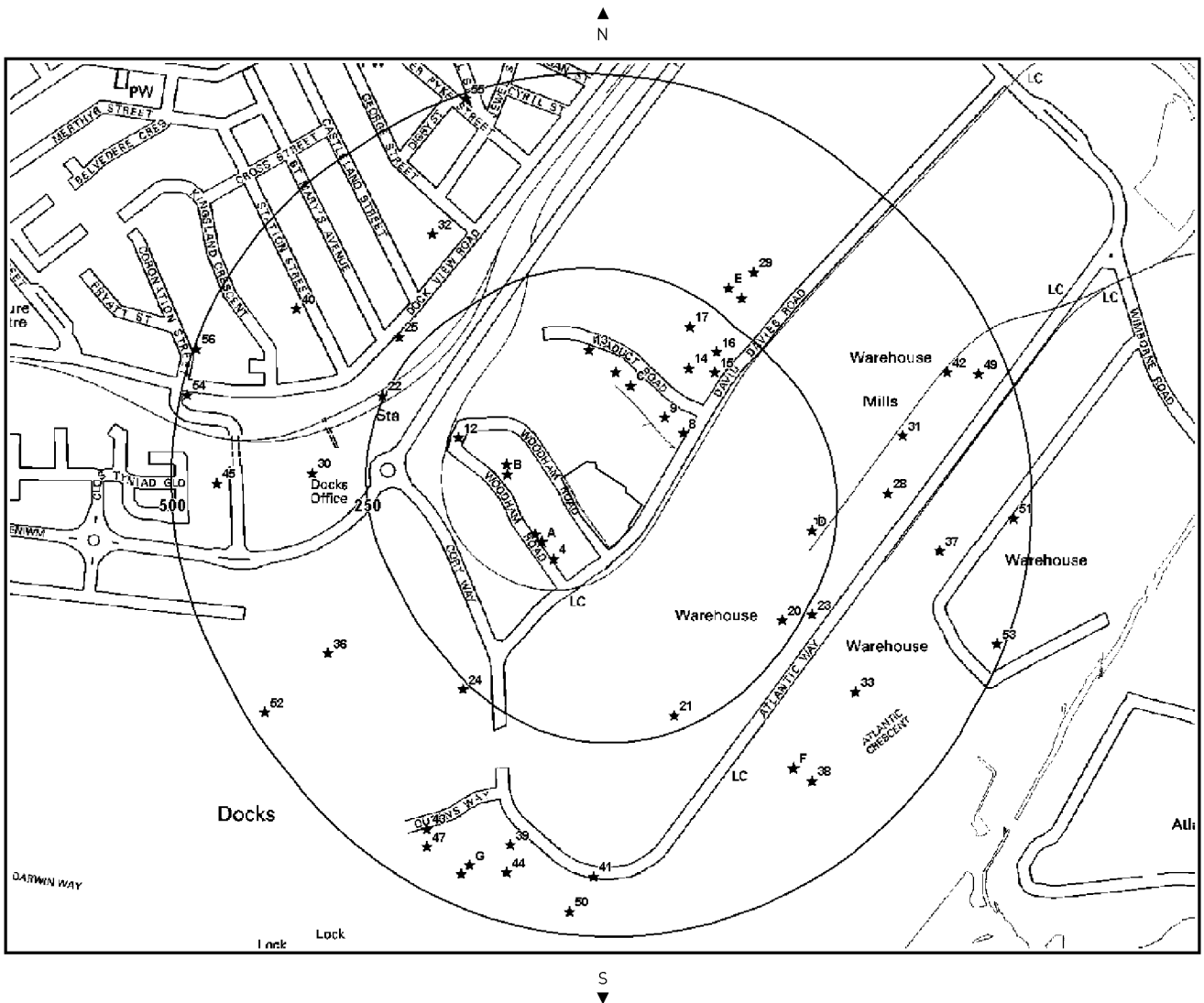
GroundSure Environmental Data Report Reference: HMD-188-62960

Not shown	1210.0	NE	313530,168521	<p>Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL</p> <p>Type: Industrial waste landfills</p> <p>Size: ← 25000 tonnes</p> <p>Regis Licence Number: DOW001</p> <p>Operator: Dow Corning Ltd</p> <p>Surrendered Date: -</p> <p>Waste Management licence No: 30043</p> <p>Annual Tonnage: 18250.0</p>	<p>Issue Date: 9/4/1991</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: Issued</p> <p>Modified: -</p> <p>Site Name: Dow Corning Ltd</p> <p>Cancelled Date: -</p> <p>Correspondence Address: Dow Corning Ltd, Cardiff Road, , Barry, Vale Of Glam, CF63 2YL</p>
Not shown	1210.0	NE	313530,168521	<p>Site Address: Dow Corning Landfill, Cardiff Road, Barry, Vale Of Glam, CF63 2YL</p> <p>Type: Industrial waste landfills</p> <p>Size: ← 25000 tonnes</p> <p>Regis Licence Number: DOW001</p> <p>Operator: Dow Corning Ltd</p> <p>Surrendered Date: -</p> <p>Waste Management licence No: 30043</p> <p>Annual Tonnage: 18250.0</p>	<p>Issue Date: 9/4/1991</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: Issued</p> <p>Modified: -</p> <p>Site Name: Dow Corning Ltd</p> <p>Cancelled Date: 0</p> <p>Correspondence Address: Dow Corning Ltd, Cardiff Road, Barry, Vale Of Glam, CF63 2YL</p>
Not shown	1430.0	E	314100,167522	<p>Site Address: Sully Hospital Transfer Stn, Hayes Road, Sully, Vale Of Glam, CF64 5YA</p> <p>Type: Clinical waste transfer stations or A20 or A15</p> <p>Size: ← 25000 tonnes</p> <p>Regis Licence Number: LLA002</p> <p>Operator: Cardiff & Vale N H S Trust</p> <p>Surrendered Date: 21/12/2004</p> <p>Waste Management licence No: 30065</p> <p>Annual Tonnage: 0.0</p>	<p>Issue Date: 1/7/1992</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: Surrendered</p> <p>Modified: -</p> <p>Site Name: Sully Hospital Transfer Station</p> <p>Cancelled Date: -</p> <p>Correspondence Address: Llandough Hospital, Penlan Road, , Penarth, Vale Of Glam, CF64 2XX</p>
Not shown	1430.0	E	314100,167522	<p>Site Address: Sully Hospital Transfer Stn, Hayes Road, Sully, Vale Of Glam, CF64 5YA</p> <p>Type: -</p> <p>Size: 1</p> <p>Regis Licence Number: -</p> <p>Operator: Cardiff & Vale N H S Trust</p> <p>Surrendered Date: -</p> <p>Waste Management licence No: 30065</p> <p>Annual Tonnage: 0.0</p>	<p>Issue Date: -</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: -</p> <p>Modified: -</p> <p>Site Name: Sully Hospital Transfer Station</p> <p>Cancelled Date: -</p> <p>Correspondence Address: , ,</p>
Not shown	1430.0	E	314100,167522	<p>Site Address: Sully Hospital Transfer Stn, Hayes Road, Sully, Vale Of Glam, CF64 5YA</p> <p>Type: Clinical waste transfer stations or A20 or A15</p> <p>Size: ← 25000 tonnes</p> <p>Regis Licence Number: LLA002</p> <p>Operator: Cardiff & Vale N H S Trust</p> <p>Surrendered Date: 21/12/2004</p> <p>Waste Management licence No: 30065</p> <p>Annual Tonnage: 1346.0</p>	<p>Issue Date: 1/7/1992</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: Surrendered</p> <p>Modified: -</p> <p>Site Name: Sully Hospital Transfer Station</p> <p>Cancelled Date: 0</p> <p>Correspondence Address: Llandough Hospital, Penlan Road, Penarth, Vale Of Glam, CF64 2XX</p>

3. Current Land Use Map

NW
←W

NE



SW

SE

Current Land Use Legend



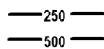
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Site Outline



Current Industrial Sites



Search Buffers (m)



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 500m of the study site:
56

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

ID	Distance	Direction	Company	Address	Activity	Category
1A	60.0	SW	Cars On Gas	4, Woodham Road, Barry, CF63 4JE	Vehicle Repair and Servicing	Repair and Servicing
2A	60.0	SW	German Car Specialists	5, Woodham Road, Barry, CF63 4JE	Vehicle Repair and Servicing	Repair and Servicing
3A	60.0	SW	Welsh Caravan Specialist	5, Woodham Road, Barry, CF63 4JE	Sports and Leisure Equipment Repair	Repair and Servicing
4	62.0	SW	Ross Garage	3, Woodham Road, Barry, CF63 4JE	Vehicle Repair and Servicing	Repair and Servicing
5A	62.0	SW	Gym Systems & Servicing	6-7, Woodham Road, Barry, CF63 4JE	Hobby, Sports and Pastime Products	Consumer Products
6B	69.0	W	Potter	12, Woodham Road, Barry, CF63 4JE	Vehicle Bodybuilders	Industrial Products
7B	72.0	W	Topend Ltd	13, Woodham Road, Barry, CF63 4JE	Vehicle Repair and Servicing	Repair and Servicing
8	101.0	NE	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
9	103.0	NE	Works	-	Unspecified Works Or Factories	Industrial Features
10C	109.0	NE	Works	-	Unspecified Works Or Factories	Industrial Features
11C	119.0	N	Works	-	Unspecified Works Or Factories	Industrial Features
12	142.0	W	Church Motors	19, Woodham Road, Barry, CF63 4JE	Vehicle Repair and Servicing	Repair and Servicing
13	144.0	N	Works	-	Unspecified Works Or Factories	Industrial Features
14	170.0	NE	Vaughan Transport Systems	Dock 2, David Davies Road, Barry, CF63 4AB	Distribution and Haulage	Transport, Storage And Deliver
15	187.0	NE	S & K Haulage Ltd	David Davies Road, Barry, CF63 4AB	Distribution and Haulage	Transport, Storage And Deliver
16	209.0	NE	Depot	-	Container and Storage	Transport, Storage And Deliver
17	213.0	NE	Tank	-	Tanks (Generic)	Industrial Features
18D	220.0	E	Travelling Crane	-	Travelling Cranes and Gantries	Industrial Features
19D	228.0	E	Cranes	-	Travelling Cranes and Gantries	Industrial Features
20	230.0	SE	Warehouse	-	Container and Storage	Transport, Storage And Deliver
21	231.0	S	Travelling Cranes	-	Travelling Cranes and Gantries	Industrial Features
22	252.0	NW	Barry Docks Station	-	Railway Stations, Junctions and Halts	Transport Access Points
23	259.0	SE	Tank	-	Tanks (Generic)	Industrial Features
24	260.0	SW	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
25	276.0	NW	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
26E	283.0	NE	Works	-	Unspecified Works Or Factories	Industrial Features
27E	283.0	NE	Harris Pye Marine Ltd	David Davies Road, Barry, CF63 4AB	Marine Engineers and Services	Engineering Services

GroundSure Environmental Data Report Reference: HMD-188-62960

28	315.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
29	318.0	NE	Depot	-	Container and Storage	Transport, Storage And Deliver
30	320.0	W	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
31	345.0	E	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
32	354.0	NW	Vanguard (Wales) Ltd	Castleland Street, Barry, CF63 4LL	Construction Completion Services	Construction Services
33	358.0	SE	Warehouse	-	Container and Storage	Transport, Storage And Deliver
34F	367.0	SE	D B Engineering Services	Unit 1, Atlantic Crescent, Barry, CF63 3RG	Industrial Engineers	Engineering Services
35F	367.0	SE	Leisure Solutions	Unit 1, Atlantic Crescent, Barry, CF63 3RG	Hobby, Sports and Pastime Products	Consumer Products
36	369.0	SW	Graving Dock (Disused)	-	Marine Equipment Including Boats and Ships	Industrial Products
37	386.0	E	Warehouse	-	Container and Storage	Transport, Storage And Deliver
38	394.0	SE	Tank	-	Tanks (Generic)	Industrial Features
39	402.0	S	Depot	-	Container and Storage	Transport, Storage And Deliver
40	403.0	NW	Mr Fix I.T.	19, Station Street, Barry, CF63 4LW	Electrical Equipment Repair and Servicing	Electrical Equipment Repair and Servicing
41	423.0	S	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
42	426.0	NE	Silo	-	Hoppers and Silos	Hoppers and Silos
43	430.0	SW	Tank	-	Tanks (Generic)	Industrial Features
44	438.0	S	Groupe Samat UK Ltd	Atlantic Way, Barry, CF63 3RA	Distribution and Haulage	Transport, Storage And Deliver
45	441.0	W	Caterite Ltd	3, Subway Road, Barry, CF63 4QT	Food and Beverage Industry Machinery	Industrial Products
46G	446.0	SW	Tank	-	Tanks (Generic)	Industrial Features
47	449.0	SW	Tank	-	Tanks (Generic)	Industrial Features
48G	460.0	SW	Depot	-	Container and Storage	Transport, Storage And Deliver
49	463.0	E	Warehouse	-	Container and Storage	Transport, Storage And Deliver
50	471.0	S	Depot	-	Container and Storage	Transport, Storage And Deliver
51	476.0	E	Warehouse	-	Container and Storage	Transport, Storage And Deliver
52	478.0	SW	Jetty (Disused)	-	Moorings and Unloading Facilities	Water
53	489.0	E	Sos Salvage Car Breakers	Unit 19, Atlantic Crescent, Barry Docks, Barry, South Glamorgan, CF63 3RF	Vehicle Breakers	Recycling Services
54	492.0	W	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
55	493.0	N	Electricity Sub Station	-	Electrical Features	Infrastructure and facilities
56	496.0	W	A P C	35, Coronation Street, Barry, CF63 4JW	Construction Completion Services	Construction Services

3.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site: 0

Database searched and no data found.

3.3 Underground High Pressure Oil and Gas Pipelines

Records of underground pipelines within 500m of the study site: 0

Database searched and no data found.

4. Geology

4.1 Artificial Ground and Made Ground

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

Distance (m)	Direction	LEX Code	Description	Rock Type
0.0	On Site	MGR-MGRD	MADE GROUND (UNDIVIDED)	MADE GROUND (COMPOSITION UNSPECIFIED)

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

4.2 Superficial Ground and Drift Geology

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

Distance (m)	Direction	Lex Code	Description	Rock Type
0.0	On Site	TFD-CLSS	Tidal Flat Deposits	Clay, Silt And Sand

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

4.3 Bedrock and Solid Geology

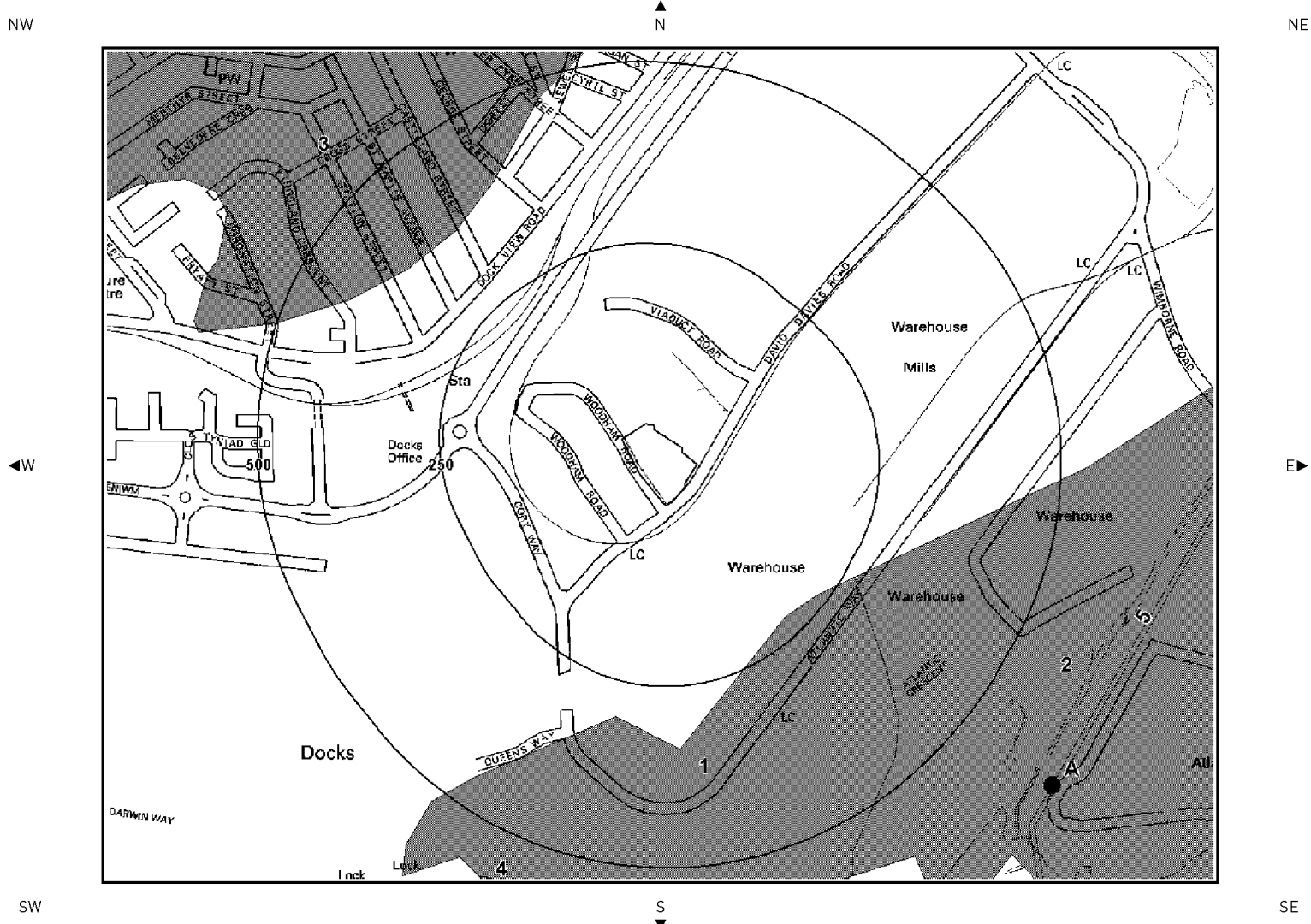
The database has been searched on site, this includes a 50m buffer.

Distance (m)	Direction	LEX Code	Description	Rock Type
0.0	On Site	MMG-MDST	Mercia Mudstone Group	Mudstone

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

For more detailed geological and ground stability data please refer to the "GroundSure Geology and Ground Stability Report". Available from our website.

5. Hydrogeology and Hydrology: - Aquifer and Abstraction Licence Map



Hydrogeology and Hydrology Legend

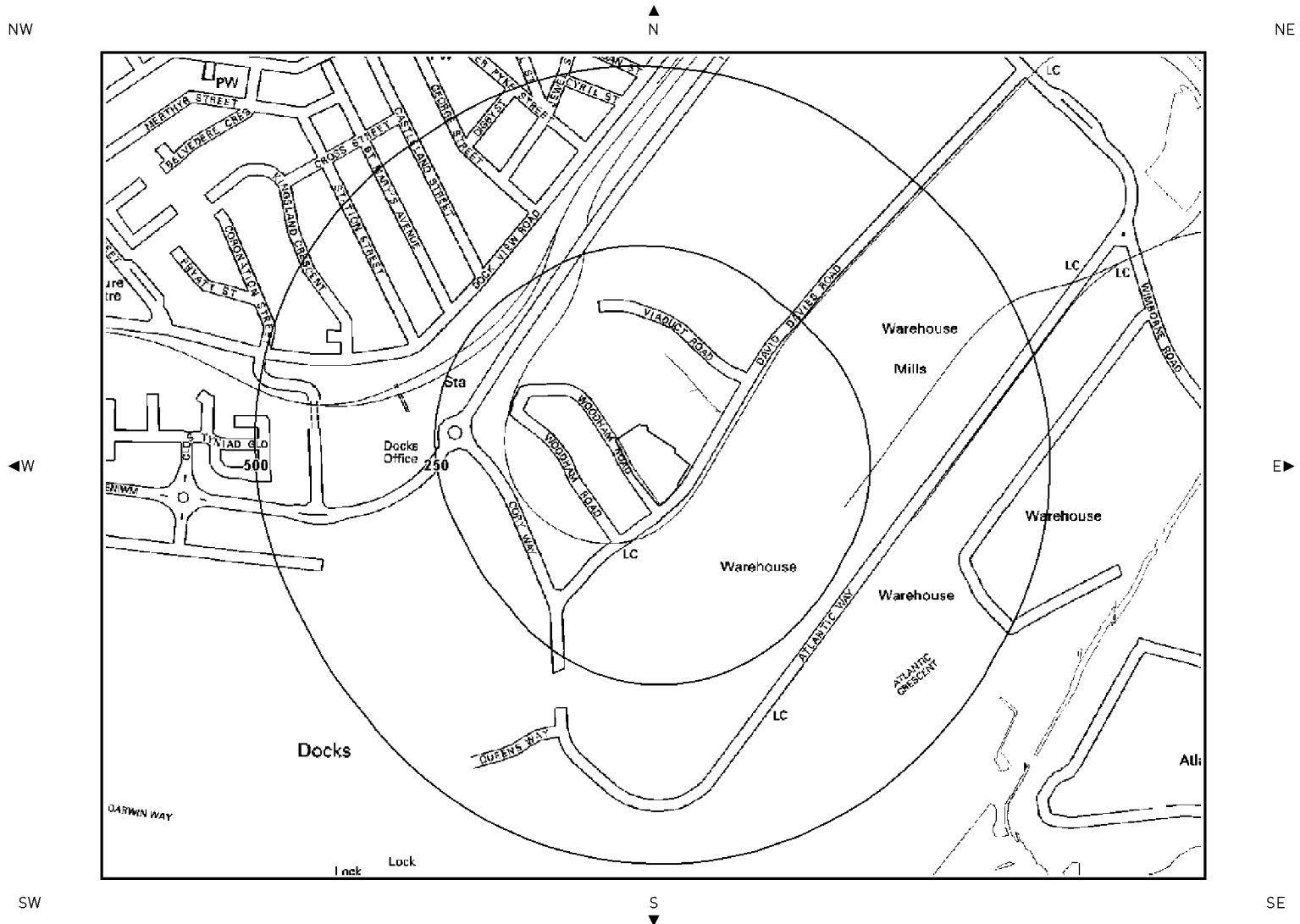
Mapping sourced from Ordnance Survey

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- | | | | | | |
|--|--------------------|--|---|--|-----------------------------------|
| | Site Outline | | Minor Aquifer - Low Leaching Potential | | Main River |
| | Search Buffers (m) | | Minor Aquifer - Intermediate Leaching Potential | | Groundwater Abstraction Licence |
| | | | Minor Aquifer - High Leaching Potential | | Surface Water Abstraction Licence |
| | | | Major Aquifer - Low Leaching Potential | | |
| | | | Major Aquifer - Intermediate Leaching Potential | | |
| | | | Major Aquifer - High Leaching Potential | | |

Brought to you by GroundSure








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



Hydrogeology and Hydrology Legend



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-  Site Outline
-  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

Brought to you by GroundSure

5. Hydrogeology and Hydrology

5.1 Groundwater Vulnerability and Soil Classification

Records of aquifer and soil classification within 200m of the study site:
No

Database searched and no data found.

5.2 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 and Abstraction Licence Map:

ID	Distance	Direction	NGR	Details	
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0031 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 31-May-2002 Expiry Date: 31-May-2002 Issue No: 1 Version Start Date: 31-May-2002 Version End Date: 31-May-2002
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0031 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 31-May-2002 Expiry Date: 31-Mar-2018 Issue No: 1 Version Start Date: 31-May-2002 Version End Date: 01-Jan-1900
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0030 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 21-Mar-1997 Expiry Date: Issue No: 100 Version Start Date: 21-Mar-1997 Version End Date:
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0031 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 31-May-2002 Expiry Date: 31-Mar-2018 Issue No: 1 Version Start Date: 21-May-2004 Version End Date:
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0031 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 31-May-2002 Expiry Date: 31-Mar-2018 Issue No: 1 Version Start Date: 21-May-2004 Version End Date:
Not shown	1413.0	SW	311620,166620	Licence No: 21/58/31/0031 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Eaw Groundwater Point: Borehole At Barry Island Pleasure Park Data Type: Point	Original Application No: Original Start Date: 31-May-2002 Expiry Date: 31-Mar-2018 Issue No: 1 Version Start Date: 21-May-2004 Version End Date:

5.3 Surface Water Abstraction Licences

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

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

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

GroundSure Environmental Data Report Reference: HMD-188-62960

12A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Mineral Washing Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date:
13A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Make-Up or Top Up Water Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 100 Version Start Date: 24-Apr-1996 Version End Date:
14A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Make-Up or Top Up Water Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 30-Dec-1899 Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date: 01-Jan-1900
15A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Dust Suppression Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 102 Version Start Date: 01-Oct-2005 Version End Date:
16A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Mineral Washing Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 102 Version Start Date: 01-Oct-2005 Version End Date:
17A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Dust suppression Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 24-Apr-1996 Issue No: 101 Version Start Date: 24-Apr-1996 Version End Date: 24-Apr-1996
18A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Make-Up Or Top Up Water Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 102 Version Start Date: 01-Oct-2005 Version End Date:
19A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Mineral Washing Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 24-Apr-1996 Issue No: 101 Version Start Date: 24-Apr-1996 Version End Date: 24-Apr-1996
20A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Dust suppression Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 100 Version Start Date: 24-Apr-1996 Version End Date:
21A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Make-Up or Top Up Water Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date:
22A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Mineral Washing Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 100 Version Start Date: 24-Apr-1996 Version End Date:
23A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Dust suppression Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date:

GroundSure Environmental Data Report Reference: HMD-188-62960

24A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Make-Up or Top Up Water Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 24-Apr-1996 Issue No: 101 Version Start Date: 24-Apr-1996 Version End Date: 24-Apr-1996
25A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Mineral Washing Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 30-Dec-1899 Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date: 01-Jan-1900
26A	651.0	SE	313164,167218	Licence No: 21/58/11/0011 Details: Dust suppression Direct Source: Eaw Tidalwater Point: Cadoxton River At Barry Data Type: Point	Application No: Original Start Date: 24-Apr-1996 Expiry Date: 30-Dec-1899 Issue No: 101 Version Start Date: 25-Jun-2001 Version End Date: 01-Jan-1900

5.4 Source Protection Zones

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

Database searched and no data found.

5.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site? **No**

Database searched and no data found.

5.6 River Quality

Is there any Environment Agency information on river quality within 500m of the study site? **No**

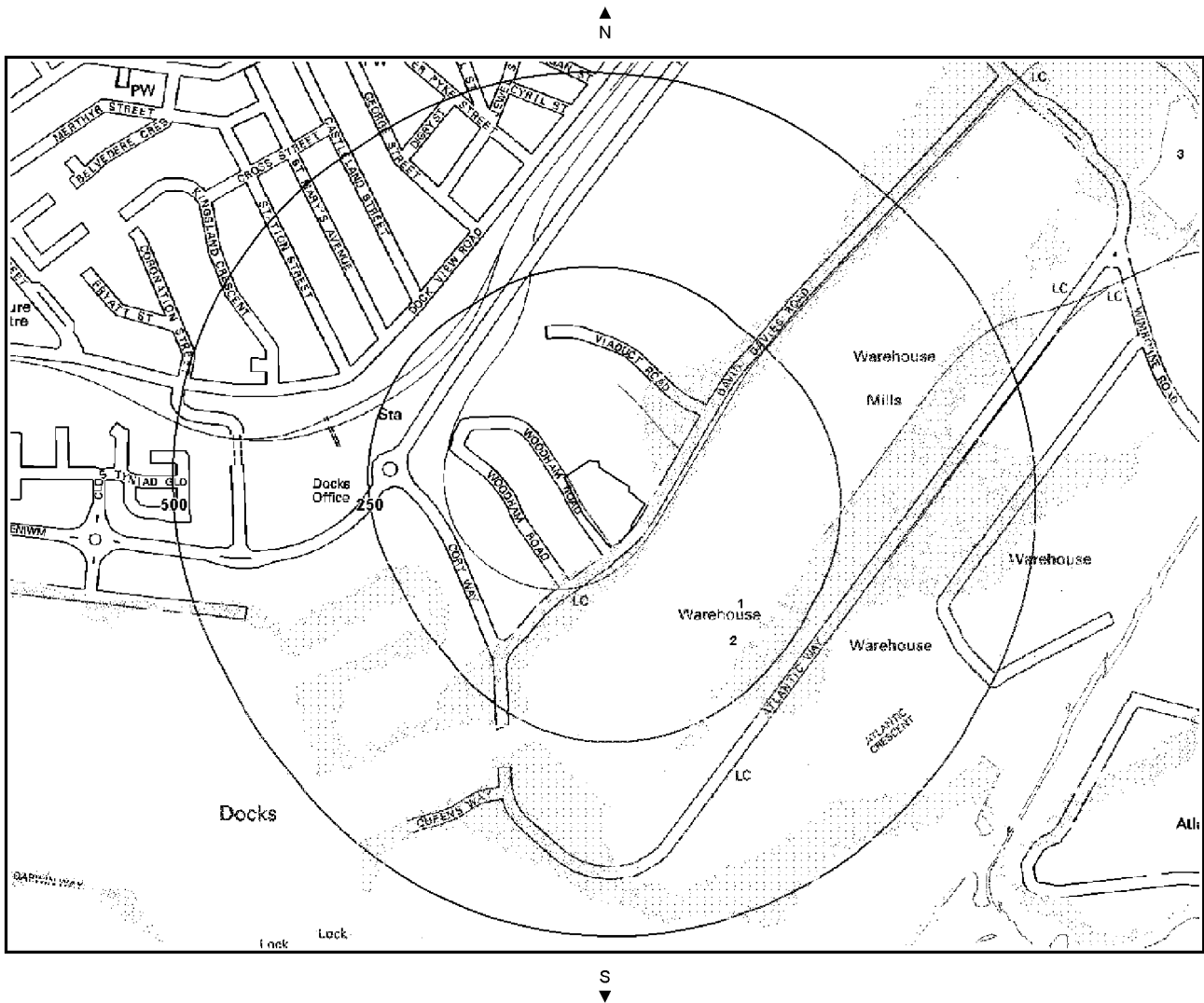
Database searched and no data found.

5.7 Main Rivers








Are there any Main Rivers within 500m of the study site? **No**

Database searched and no data found.

6. Surface Water Flood Map



Flood Legend

-  Site Outline
-  Search Buffers (m)
-  Zone 2 Floodplain
-  Zone 3 Floodplain
-  Flood Storage Area
-  Area Benefiting from Flood Defences
-  Flood Defences



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6. Flooding

6.1 Zone 2 Flooding

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

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

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

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance	Direction	Update
1	0.0	SE	07-Feb-2008

6.2 Zone 3 Flooding

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

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

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

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance	Direction	Update
2	32.0	E	07-Feb-2008

6.3 Areas benefiting from Flood Defences

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

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

6.4 Areas used for Storage Areas

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

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

6.5. Groundwater Flooding Susceptibility Areas

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

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

High

6.6 Groundwater Flooding Confidence Areas

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

Moderate

Notes:

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

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

7 Ecological Designated Sites

Presence of sites of ecological value within 1000m of the study site? Yes

Records of Sites of Special Scientific Interest (SSSI) within 1000m of the study site: 1

The following Sites of Special Scientific Interest (SSSI) records provided by English Nature/Countryside Council for Wales are represented as polygons on the Ecological Designated Sites Map:

ID	Distance	Direction	SSSI Name	Data Source
1	616.0	SE	HAYES POINT TO BENDRICK ROCK	Countryside Council For Wales

Records of National Nature Reserves (NNR) within 1000m of the study site: 0

Database searched and no data found.

Records of Special Areas of Conservation (SAC) within 1000m of the study site: 0

Database searched and no data found.

Records of Special Protection Areas (SPA) within 1000m of the study site: 0

Database searched and no data found.

Records of Ramsar sites within 1000m of the study site: 0

Database searched and no data found.

Records of Local Nature Reserves (LNR) within 1000m of the study site: 0

Database searched and no data found.

Records of World Heritage Sites within 1000m of the study site: 0

Database searched and no data found.

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, please obtain a GroundSure Geology and Ground Stability Report. 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**

8.1.2 Landslides

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

8.1.3 Soluble Rocks

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

8.1.4 Compressible Ground

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

8.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site? **Null - Negligible**

8.1.6 Running Sand

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

9. Mining

9.1 Coal Mining

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

No

Database searched and no data found.

9.2 Shallow Mining

What is the hazard of subsidence relating to shallow mining onsite? (this includes a 150m buffer)

Negligible

10. Contacts

GroundSure Helpline

Telephone: 01273 819700

mapsandinfo@groundsure.com



British Geological Survey (England & Wales)

Kingsley Dunham Centre

Keyworth, Nottingham NG12 5GG

Tel: 0115 936 3143. Fax: 0115 936 3136. www.bgs.ac.uk

BGS Geological Hazards Reports and general geological enquiries



**British
Geological Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

South East

Rivers house / Plas Yr Afon - St. Mellons Business Park, Fortran

Road, St. Mellons, Cardiff, CF3 0LT Tel: [01222] 770088

EA Wales Tel: [02920] 770 088



Environment
Agency

The Coal Authority

200 Lichfield Lane, Mansfield, Notts NG18 4RG

Tel: 0845 762 6848. DX 716176 Mansfield 5

www.coal-authority.co.uk

Coal mining reports and related enquiries



Ordnance Survey

Romsey Road

Southampton SO16 4GU

Tel: 08456 050505



Local Authority

Vale of Glamorgan County Borough Council Tel:

Get Mapping PLC

Virginia Villas, High Street, Hartley Witney, Hampshire RG27 8NW

Tel: 01252 845444



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