

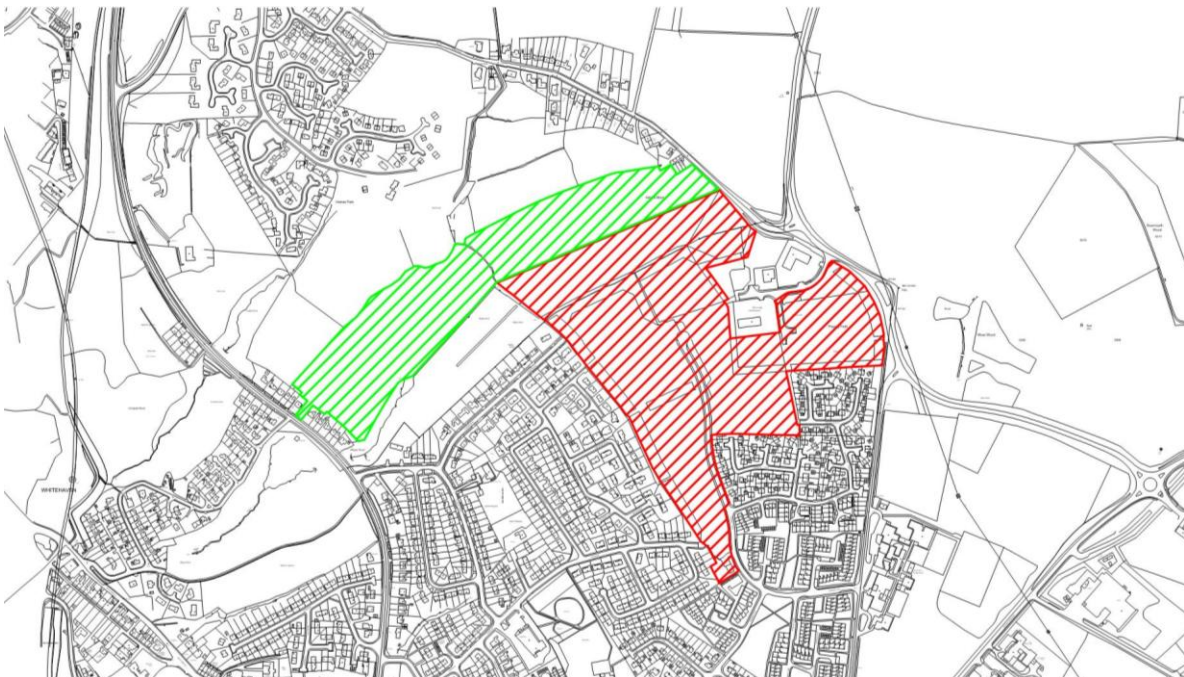
# **Due Diligence Geo-Environmental Input**

**Harras Moor, Whitehaven**

## 1.0 PRELIMINARY GEO-ENVIRONMENTAL ASSESSMENT

### 1.1 Introduction

The primary objective of this section of the report is to provide a preliminary desk top review of the site's characteristics, comprising an initial overview of the anticipated geology, environmental setting and associated potential ground related constraints. The initial review has been extended to provision of a preliminary land contamination risk assessment (PRA) and a preliminary geotechnical assessment. For the purpose of this review, the site has been determined as hatched red and green on the plan below.



The current review does not provide all the information that should be included in a Phase 1 desk top study submitted to the local planning authority in support of a planning application for new developments.

The site is being considered for future residential development (approximately 400 homes) and has been assessed in line with current UK guidance including the National Planning Policy Framework (NPPF), March 2012.

This desk based review has been based on the following information sources:



- Google maps,
- [www.magic.gov.uk](http://www.magic.gov.uk),
- The Environment Agency web site,
- Environmental database (Envirocheck, reproduced in Appendix A),
- Historical Ordnance Survey maps (reproduced in Appendix B)
- BGS Sheet No. 28 (Whitehaven) 1:50,000 scale map, solid and drift editions,
- BGS map sheet NX91NE (Whitehaven) 1:10,000 scale,
- BGS web site (Geology of Britain Map Viewer and historical borehole records),
- Indicative Radon Map Number 18 North Cumbria, Health Protection Agency and British Geological Survey (2007),
- Coal Authority Interactive Mapping Service,
- Coal Authority Report (Appendix C)
- Zetica Regional Unexploded Ordnance (UXO) Risk Map of the Cumbria area; and,
- Online planning records (as at 25/01/17).

## 1.2 Site and Hydrological Setting

The approximately 23 ha. site comprises a parcel of undeveloped land in a predominantly agricultural and residential local setting.

There are a number of water courses including a culvert and a tertiary river located on the western arm of the site. The river feeds into Midgley Gill.

The environmental database indicates that there are no active surface water abstractions, pollution incidents or discharge consents at or within 250m of the site.

The site is located within an area considered to be at limited risk of flooding from rivers and groundwater.

The site is not within a Nitrate Vulnerable Zone.



### 1.3 Ground Conditions and Hydrogeology

It is not anticipated that significant deposits of Made Ground will be present on the majority of the site due to the absence of previous development. The potential exception to this is material used to backfill an historical quarry.

The geological map indicates that the site is underlain by Glacial Till over the majority of the area (Secondary Aquifer - Undifferentiated). Superficial soil deposits are shown as being absent over parts of the eastern side of the site and, more locally, on the western side. The Whitehaven Sandstone Formation underlies the majority of the site, but the western limb is underlain by Pennine Middle Coal Measures. Both rock formations are Secondary A Aquifers. Moving from east to west across the site, the eastern boundary is bound by the New Monkwearth Fault which downthrows in generally a southerly direction. Two further faults striking north west to south east cross the western limb of the site. There are numerous coal seams indicated on the western arm of the site. The Coal Authority web site indicates that the site lies within a High Risk Development Area in relation to mining.

A standard Coal Authority mining report has been obtained for the site and the main points can be summarised as follows:

1. The site is located within an area that could be affected by underground mining in two seams at shallow depth to 190m depth.
2. Reserves of coal exist in the local area which could be worked at some time in the future.
3. There are no recorded mine shafts at or within 20m of the site boundaries.

There is an open cast BGS recorded mineral extraction location at the site named 'Standing Stones' on the eastern part of the site. The commodity was Sandstone. There are no further records at or within 250m of the site.

There are no BGS records of historical boreholes available in the immediate vicinity of the site.

The site is not located in an area which may be affected by radon (<1% homes above action level)

The environmental database indicates the potential ground stability hazards on site range from no hazard to low.



The site is not located within a Source Protection Zone for the protection of groundwater resources, and no active groundwater abstractions are identified within a 1km radius of the site.

## 1.4 Site History

The earliest historical map available (1867) shows the site to comprise fields. The property known as Standing Stones is shown to be present on the eastern boundary of the site along with a quarry. By 1925 Midgey Wood had expanded across the centre of the site orientated east-west. Later by 1957 woodland is indicated to be grassland.

Several springs issue on the western arm of the site.

The earliest map shows the site to be surrounded with agricultural land with several references to coal shafts to the north. Residential development directly adjacent to the site boundaries began from 1938 and become substantial from 1979 onwards. A small industrial estate is marked adjacent the eastern boundary and included a depot from 1985 onwards. Parts of the eastern site boundary abut a former opencast site located on the north side of Harras Road; the land has been restored and part is now occupied by Whitehaven Golf Club.

## 1.5 Environmental Setting

There are no recorded or historical landfill sites, active licensed waste management facilities, land Contaminated Land Registry Entries and Notices (CLREN), active environmental permits (e.g. IPPC), active Local Authority Pollution Prevention or Control Enforcements (LAPPCE), active contemporary trade or active fuel station entries at or within 250m of the site.

There are no Control of Major Accident Hazards (COMAH), or Notification of Installations Handling Hazardous Substances (NIHHS) at or within 1km of the site.

There has been one substantiated pollution incident within 250m of the site relating to a significant impact to land (30m east) from biodegradable materials and waste: vegetable cuttings & deposits. The pollutant was inert material.

The site is located in an area that is considered to be at low risk in relation to Unexploded Ordnance.



There are no records of statutorily protected sites such as Sites of Special Scientific Interest (SSSIs), Special Protection Areas (SPAs), Special Areas of Conservation (SACs) or RAMSAR sites at or within 250m of the site. However, there may be protected species and ecological investigations may be required.

A review of the local authority's planning portal has not identified any planning applications for the site.

There is an ancient woodland present directly adjacent to the south of the western part of the site ('Midgey' Wood). A further woodland is located 60m to the north west.



## 2.0 PRELIMINARY RISK ASSESSMENT (PRA)

### 2.1 Source-Pathway-Receptor Model

For a risk of pollution or environmental harm to occur as a result of ground contamination, all of the following elements must be present:

- A source, i.e. a substance that is capable of causing pollution or harm;
- A receptor (or target), i.e. something which could be adversely affected by the contaminant; and
- A pathway, i.e. a route by which the contaminant can reach the receptor.

If one of these elements is absent there can be no significant risk. If all are present then the magnitude of the risk is a function of the magnitude and mobility of the source, the sensitivity of the receptor and the nature of the migration pathway.

Based on the preliminary information, there is a low risk that significant contamination sources are present on or near the site.

### 2.2 Contamination Pathways

Potential contamination pathways are listed below for a proposed residential end use:

- Dermal contact,
- Inhalation of vapours or dusts,
- Ingestion of soil and dusts,
- Ingestion of home grown fruit and vegetables (and soil attached),
- Leaching to surface run-off/drainage,
- Leaching to groundwater;
- Lateral and vertical migration of groundwater,
- Ground gas generation/accumulation; and,
- Migration along/into service conduits and pipe work.

### 2.3 Contamination Receptors

Receptors that may be affected by potential contamination for the future residential development are considered to be:



- Future site users (Residential end use);
- Construction/maintenance workers;
- Surface waters (including on-site drainage channels and Midgey Gill);
- Secondary A Aquifer;
- Buildings / Services; and
- Adjacent properties and land users.

By considering the sources, pathways and receptors, a preliminary assessment of the environmental risk has been made with reference to the significance and degree of the risk. This assessment is based on consideration of whether the source contamination can reach a receptor and hence whether it is of significance (CIRIA C552). A copy of the risk assessment decision matrix is provided in Appendix D.

## 2.4 Summary of Risk Assessment

The Preliminary Risk Assessment (PRA) is summarised as Table A.4 in Appendix D.

The contamination risks posed by on site sources to all receptors are considered to be **low** with the exception of ground gas which is considered to pose a **low to moderate** risk, based on a worst-case scenario of as yet unproven Made Ground or organic soils being present.





### 3.0 PRELIMINARY GEOTECHNICAL ASSESSMENT

Superficial soil deposits may be absent over parts of the site. Where they are present, the site is expected to be underlain by glacial till (probably clay with potential for some sandy layers).

Bedrock underlying the soil deposits includes the Whitehaven Sandstone Formation on the east and Pennine Middle Coal Measures on the western limb. Localised Made Ground may be present in areas previously developed, including the former quarry located to the north of the property known as 'Standing Stones'.

A Preliminary Coal Mining Risk Assessment should be undertaken to assess the potential hazards to land stability posed by recorded coal seams that dip below the western limb of the site. It is likely that ground investigations by rotary drilling will be needed to further investigate the coal mining legacy on this part of the site. The Coal Authority has records to show that workings took place at shallow depth below the site in at least one seam of coal.

Following any ground stabilisation that may be required if a land stability hazard arising from historical coal mining is proved, standard strip footings and ground bearing floor slabs may be feasible for one and two storey houses. Depending on the strength and compressibility of the near surface soils, the footings may have to be stepped down, or alternative foundation arrangements employed. If soft or loose deposits (e.g. in localised areas of quarry backfill) extend to depths beyond which it is not feasible to construct strip footings economically, piled foundations or ground improvement may be necessary.

At this stage, low CBR values (not greater than 3%) are suggested for the design of roads and other paved areas.

Soakaways may be feasible for surface water management on those parts of the site that are directly underlain by the Whitehaven Sandstone, but field tests would be needed to confirm this possibility.

Superficial soils may be absent over parts of the site. Depending on development site levels, foundations and service runs may have to be dug into rock in some areas. This is likely to involve increased effort and cost.



## 4.0 CONSTRAINTS

Overall, it is considered that the site poses a low to moderate risk to identified receptors associated with land contamination and ground gases. The following potential development constraints have been identified:

- Potential risk posed by shallow mine workings - affects approximately 5 to 10% of the site area.
- Unknown ground gas regime or requirement for ground gas protection measures for new buildings. – assume CS2 for approximately 10-15% of the site (mine gas & backfilled quarry) and remainder CS1.
- Potential for protected ancient woodlands directly to the south on the western arm of the site.
- Potential for soft near surface soils requiring non-standard house foundations, upgraded road foundations etc. – not possible to estimate at this stage; say 15-20%.
- Poor surface drainage conditions over at least part of the site; soakaways may not be feasible for such areas – approximately 70% of the site affected.
- Potential for excavating into rock for foundations and service runs in some areas of the site – estimated 30% of the site area.

It is considered that this initial desk top review should be extended to support a planning application. This should include a further assessment associated with mine workings, stability of the backfilled quarry and ground gas risk (such as assessment using RB17 and/or site investigation/ground gas monitoring).

The desk top assessments should be followed up by a ground investigation to address land contamination and geotechnical issues.



# Appendix A

## Environmental Database

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# Envirocheck<sup>®</sup> Report:

## Datasheet

### Order Details:

**Order Number:**

111372903\_1\_1

**Customer Reference:**

A090070-267

**National Grid Reference:**

298370, 517970

**Slice:**

A

**Site Area (Ha):**

22.69

**Search Buffer (m):**

1000

### Site Details:

Harras Moor

Whitehaven

CA28 6

### Client Details:

Ms C Martin

WYG Environment Planning Transport Ltd

Quay West

Trafford Park Road

Salford Quays

Manchester

M17 1HH



| Report Section        | Page Number |
|-----------------------|-------------|
| Summary               | -           |
| Agency & Hydrological | 1           |
| Waste                 | 22          |
| Hazardous Substances  | 25          |
| Geological            | 26          |
| Industrial Land Use   | 29          |
| Sensitive Land Use    | 35          |
| Data Currency         | 36          |
| Data Suppliers        | 40          |
| Useful Contacts       | 41          |

## Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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## Report Version v50.0



## Summary

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                             |
| BGS Groundwater Flooding Susceptibility                       | pg 1        | Yes     | Yes       | Yes         | n/a                         |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                             |
| Discharge Consents  | pg 4        |         | 1         |             | 7                           |
| Prosecutions Relating to Controlled Waters                    |             |         | n/a       | n/a         | n/a                         |
| Enforcement and Prohibition Notices                           |             |         |           |             |                             |
| Integrated Pollution Controls                                 |             |         |           |             |                             |
| Integrated Pollution Prevention And Control                   | pg 6        |         |           |             | 1                           |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                             |
| Local Authority Pollution Prevention and Controls             | pg 6        |         |           | 2           | 3                           |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                             |
| Nearest Surface Water Feature                                 | pg 7        | Yes     |           |             |                             |
| Pollution Incidents to Controlled Waters                      | pg 7        |         |           | 2           | 12                          |
| Prosecutions Relating to Authorised Processes                 |             |         |           |             |                             |
| Registered Radioactive Substances                             |             |         |           |             |                             |
| River Quality   |             |         |           |             |                             |
| River Quality Biology Sampling Points                         |             |         |           |             |                             |
| River Quality Chemistry Sampling Points                       |             |         |           |             |                             |
| Substantiated Pollution Incident Register                     | pg 9        |         | 1         |             | 1                           |
| Water Abstractions  | pg 10       |         |           |             | (*1)                        |
| Water Industry Act Referrals                                  |             |         |           |             |                             |
| Groundwater Vulnerability                                     | pg 10       | Yes     | n/a       | n/a         | n/a                         |
| Drift Deposits  | pg 10       | 1       | n/a       | n/a         | n/a                         |
| Bedrock Aquifer Designations                                  | pg 10       | Yes     | n/a       | n/a         | n/a                         |
| Superficial Aquifer Designations                              | pg 10       | Yes     | n/a       | n/a         | n/a                         |
| Source Protection Zones                                       |             |         |           |             |                             |
| Extreme Flooding from Rivers or Sea without Defences          | pg 10       |         | Yes       | n/a         | n/a                         |
| Flooding from Rivers or Sea without Defences                  | pg 10       |         | Yes       | n/a         | n/a                         |
| Areas Benefiting from Flood Defences                          |             |         |           | n/a         | n/a                         |
| Flood Water Storage Areas                                     |             |         |           | n/a         | n/a                         |
| Flood Defences  |             |         |           | n/a         | n/a                         |
| Detailed River Network Lines                                  | pg 11       | Yes     | Yes       | Yes         | n/a                         |
| Detailed River Network Offline Drainage                       |             |         |           |             | n/a                         |



| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m (*up to 2000m) |
|---|-------------|---------|-----------|-------------|-----------------------------|
| <b>Waste</b>  |             |         |           |             |                             |
| BGS Recorded Landfill Sites   | pg 22       |         |           |             | 1                           |
| Historical Landfill Sites   | pg 22       |         |           |             | 3                           |
| Integrated Pollution Control Registered Waste Sites                 |             |         |           |             |                             |
| Licensed Waste Management Facilities (Landfill Boundaries)          |             |         |           |             |                             |
| Licensed Waste Management Facilities (Locations)                    | pg 22       |         |           |             | 1                           |
| Local Authority Landfill Coverage                                   | pg 22       | 2       | n/a       | n/a         | n/a                         |
| Local Authority Recorded Landfill Sites                             | pg 23       |         |           |             | 1                           |
| Registered Landfill Sites   | pg 23       |         |           |             | 1                           |
| Registered Waste Transfer Sites                                     |             |         |           |             |                             |
| Registered Waste Treatment or Disposal Sites                        | pg 23       |         |           |             | 2                           |
| <b>Hazardous Substances</b>   |             |         |           |             |                             |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 25       |         |           |             | 1                           |
| Explosive Sites   |             |         |           |             |                             |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                             |
| Planning Hazardous Substance Consents                               |             |         |           |             |                             |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                             |
| <b>Geological</b>   |             |         |           |             |                             |
| BGS 1:625,000 Solid Geology   | pg 26       | Yes     | n/a       | n/a         | n/a                         |
| BGS Recorded Mineral Sites  | pg 26       | 1       |           | 3           | 4                           |
| CBSCB Compensation District   |             |         | n/a       | n/a         | n/a                         |
| Coal Mining Affected Areas  | pg 27       | Yes     | n/a       | n/a         | n/a                         |
| Mining Instability  | pg 27       | Yes     | n/a       | n/a         | n/a                         |
| Man-Made Mining Cavities  |             |         |           |             |                             |
| Natural Cavities  |             |         |           |             |                             |
| Non Coal Mining Areas of Great Britain                              | pg 27       | Yes     |           | n/a         | n/a                         |
| Potential for Collapsible Ground Stability Hazards                  | pg 27       | Yes     |           | n/a         | n/a                         |
| Potential for Compressible Ground Stability Hazards                 | pg 27       |         | Yes       | n/a         | n/a                         |
| Potential for Ground Dissolution Stability Hazards                  |             |         |           | n/a         | n/a                         |
| Potential for Landslide Ground Stability Hazards                    | pg 28       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Running Sand Ground Stability Hazards                 | pg 28       | Yes     | Yes       | n/a         | n/a                         |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 28       | Yes     | Yes       | n/a         | n/a                         |
| Radon Potential - Radon Affected Areas                              |             |         | n/a       | n/a         | n/a                         |
| Radon Potential - Radon Protection Measures                         |             |         | n/a       | n/a         | n/a                         |



## Summary

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Industrial Land Use</b>           |             |         |           |             |                                |
| Contemporary Trade Directory Entries | pg 29       |         | 2         | 2           | 57                             |
| Fuel Station Entries                 | pg 34       |         |           | 1           | 2                              |
| Gas Pipelines                        |             |         |           |             |                                |
| Underground Electrical Cables        |             |         |           |             |                                |
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Ancient Woodland                     | pg 35       | 1       | 1         |             |                                |
| Areas of Adopted Green Belt          |             |         |           |             |                                |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                                |
| Environmentally Sensitive Areas      |             |         |           |             |                                |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                |             |         |           |             |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       |             |         |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             |             |         |           |             |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest |             |         |           |             |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |
| World Heritage Sites                 |             |         |           |             |                                |





| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NW (W)                               | 0                            | 1       | 298250<br>517950 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NE (NW)                              | 0                            | 1       | 298367<br>517966 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12SW (NE)                             | 0                            | 1       | 298900<br>518200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A11SE (NE)                             | 0                            | 1       | 298450<br>518050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7NW (W)                               | 3                            | 1       | 298150<br>517900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NE (S)                               | 43                           | 1       | 298367<br>517900 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12NW (NE)                             | 59                           | 1       | 298800<br>518350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7NW (SW)                              | 62                           | 1       | 298100<br>517850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (E)                               | 78                           | 1       | 299200<br>517966 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12SE (E)                              | 82                           | 1       | 299200<br>518050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8NE (E)                               | 128                          | 1       | 299250<br>517966 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A7NW (SW)                              | 132                          | 1       | 298050<br>517800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7NW (SW)                              | 137                          | 1       | 298250<br>517700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8SW (SE)                              | 140                          | 1       | 298850<br>517450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A7NW (W)                               | 156                          | 1       | 298000<br>517850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (E)                               | 174                          | 1       | 299200<br>517800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A8NE (E)                               | 178                          | 1       | 299300<br>517966 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7NW (SW)                              | 193                          | 1       | 298200<br>517650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SE (SE)                              | 210                          | 1       | 299000<br>517500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A7NW (SW)                              | 210                          | 1       | 298150<br>517650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SW (SE)                              | 228                          | 1       | 298950<br>517450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SW (SW)                              | 241                          | 1       | 298200<br>517600 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8SW (SE)                              | 250                          | 1       | 298750<br>517400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SE (SE)                              | 251                          | 1       | 299000<br>517450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SW (SW)                              | 256                          | 1       | 298150<br>517600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SW (SE)                              | 257                          | 1       | 298800<br>517350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8NE (E)                               | 261                          | 1       | 299150<br>517650 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8SW (SE)                              | 273                          | 1       | 298950<br>517400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 278                          | 1       | 299400<br>518000 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 281                          | 1       | 299400<br>518050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SE (S)                               | 287                          | 1       | 298300<br>517550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7SE (S)                               | 287                          | 1       | 298367<br>517550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 288                          | 1       | 299400<br>518100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SW (S)                               | 291                          | 1       | 298200<br>517550 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A8SE (SE)                              | 295                          | 1       | 299000<br>517400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SW (SE)                              | 303                          | 1       | 298750<br>517350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7SW (SW)                              | 318                          | 1       | 298000<br>517600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 326                          | 1       | 299400<br>517800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A8SE (SE)                              | 340                          | 1       | 299000<br>517350 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7SE (S)                               | 341                          | 1       | 298350<br>517500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 344                          | 1       | 299400<br>518250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 350                          | 1       | 299450<br>518150 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 351                          | 1       | 299450<br>517850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SE (S)                               | 352                          | 1       | 298367<br>517500 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A12NE (NE)                             | 354                          | 1       | 299100<br>518500 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface                     | A8SW (SE)                              | 355                          | 1       | 298900<br>517300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 366                          | 1       | 299450<br>518200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 370                          | 1       | 299450<br>517800 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 381                          | 1       | 299500<br>518050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | (E)                                    | 386                          | 1       | 299500<br>518100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A7SW (S)                               | 387                          | 1       | 298250<br>517450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SE (S)                               | 391                          | 1       | 298367<br>517450 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | (E)                                    | 395                          | 1       | 299450<br>517750 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A4NW (SE)                              | 403                          | 1       | 298750<br>517250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | A4NW (SE)                              | 407                          | 1       | 298950<br>517250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 412                          | 1       | 299450<br>518300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | (E)                                    | 413                          | 1       | 299500<br>518200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A8SE (SE)                              | 432                          | 1       | 299100<br>517300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | (E)                                    | 432                          | 1       | 299500<br>518250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 436                          | 1       | 299550<br>518100 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A7SW (S)                               | 437                          | 1       | 298250<br>517400 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | (E)                                    | 447                          | 1       | 299550<br>517850 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A4NW (SE)                              | 454                          | 1       | 298900<br>517200 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A3NE (S)                               | 460                          | 1       | 298350<br>517250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level | A12NE (NE)                             | 461                          | 1       | 299150<br>518600 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur                        | (E)                                    | 462                          | 1       | 299550<br>517800 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | (E)                                    | 464                          | 1       | 299500<br>517700 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | (E)                                    | 477                          | 1       | 299550<br>518250 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level   | (E)                                    | 481                          | 1       | 299600<br>518050 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Limited Potential for Groundwater Flooding to Occur  | A7SE<br>(S)                            | 482                          | 1       | 298450<br>517300 |
|        | <b>BGS Groundwater Flooding Susceptibility</b><br>Flooding Type: Potential for Groundwater Flooding to Occur at Surface   | A12NE<br>(NE)                          | 491                          | 1       | 299200<br>518600 |
| 1      | <b>Discharge Consents</b><br>Operator: National Coal Board Northern Region<br>Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES)<br>Location: Ncb Moresby Keekle Occs, Copeland, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 017490071<br>Permit Version: 1<br>Effective Date: 29th November 1980<br>Issued Date: Not Supplied<br>Revocation Date: 21st March 1995<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Midgey Gill<br><b>Status:</b> <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Located by supplier to within 100m   | A12SW<br>(NE)                          | 7                            | 2       | 298900<br>518200 |
| 2      | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Esk Avenue, Whitehaven, Copeland, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ehen<br>Reference: 017480429<br>Permit Version: 1<br>Effective Date: 7th March 2005<br>Issued Date: 7th March 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Un-Named Trib Of Pow Beck<br><b>Status:</b> <b>Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A2NE<br>(SW)                           | 707                          | 2       | 297830<br>517250 |
| 3      | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Winston Drive, Whitehaven, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ehen<br>Reference: 017480428<br>Permit Version: 1<br>Effective Date: 7th March 2005<br>Issued Date: 7th March 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Snebra Beck<br><b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m  | A4SW<br>(S)                            | 738                          | 2       | 298640<br>516940 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 3      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Winston Drive, Whitehaven, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ehen<br>Reference: 01COP0005<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 6th March 2005<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Snebra Ghyll<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m  | A4SW (S)                               | 738                          | 2       | 298640 516940 |
| 4      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Esk Avenue, Whitehaven, Copeland, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ehen<br>Reference: 01COP0041<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: 1st January 1995<br>Revocation Date: 6th March 2005<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Pow Beck<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                                     | A2NE (SW)                              | 749                          | 2       | 297880 517180 |
| 5      | <b>Discharge Consents</b><br>Operator: United Utilities Water Plc (?)<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Ribton Moorside Cso, Hensingham, Whitehaven, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Supplied<br>Reference: 017480288<br>Permit Version: 2<br>Effective Date: 4th March 2005<br>Issued Date: 4th March 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Snebra Beck<br><b>Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b><br>Positional Accuracy: Located by supplier to within 10m | A3SE (S)                               | 818                          | 2       | 298540 516890 |
| 5      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Ribton Moorside Cso, Hensingham, Whitehaven, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 01COP0085<br>Permit Version: 1<br>Effective Date: 1st January 1995<br>Issued Date: Not Supplied<br>Revocation Date: 1st January 1995<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Snebra Beck<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m                    | A3SE (S)                               | 831                          | 2       | 298530 516880 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 5      | <b>Discharge Consents</b><br>Operator: United Utilities Water Limited<br>Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY)<br>Location: Ribton Moorside Cso, Hensingham, Whitehaven, Cumbria<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 017480288<br>Permit Version: 1<br>Effective Date: 30th September 1994<br>Issued Date: Not Supplied<br>Revocation Date: 3rd March 2005<br>Discharge Type: Public Sewage: Storm Sewage Overflow<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Snebra Beck<br><b>Status: Consent revoked or revised: New Consent issued (Section 37(1))</b><br>Positional Accuracy: Located by supplier to within 100m         | A3SE (S)                               | 835                          | 2       | 298530 516875 |
| 6      | <b>Integrated Pollution Prevention And Control</b><br>Name: Npower Cogen Ltd<br>Location: Whitehaven Works, Po Box 15, Whitehaven, Cumbria, CA28 9QQ<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bu3680id<br>Original Permit Ref: Bu3680id<br>Effective Date: 25th March 2004<br><b>Status: Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Manually positioned within the geographical locality<br>Activity Code: 4.1 A(1) (A) (II)<br>Activity Description: Organic Chemicals; Oxygen Containing Compounds Eg Alcohols<br>Primary Activity: Y<br>Activity Code: 0.0 Associated Process<br>Activity Description: Associated Process<br>Primary Activity: N | A5NE (W)                               | 953                          | 2       | 297200 517800 |
| 7      | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Mason Auto Repairs<br>Location: Moresby Road, Hensingham, WHITEHAVEN, Cumbria, CA28 8TU<br>Authority: Copeland Borough Council, Environmental Health Department<br>Permit Reference: CBC/95/004<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br><b>Status: Authorisation revoked</b><br>Positional Accuracy: Manually positioned to the road within the address or location  | A8SE (SE)                              | 431                          | 3       | 299190 517377 |
| 8      | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Corkickle Service Station<br>Location: Back Corkickle, Whitehaven, Cumbria, CA28 7TS<br>Authority: Copeland Borough Council, Environmental Health Department<br>Permit Reference: CBC/LAPPC/B/5<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location   | A6NE (SW)                              | 445                          | 3       | 297783 517634 |
| 9      | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Wm Morrison Plc Petrol Filling Station<br>Location: Flatt Walks, WHITEHAVEN, Cumbria, CA28<br>Authority: Copeland Borough Council, Environmental Health Department<br>Permit Reference: CBC/LAPPC/B/24<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location  | A6NW (W)                               | 562                          | 3       | 297600 517780 |
| 10     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Lakeland Dry Cleaners<br>Location: 18 Church Street, Whitehaven, Ca28 7eb<br>Authority: Copeland Borough Council, Environmental Health Department<br>Permit Reference: CBC/LAPPC/B27<br>Dated: Not Supplied<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/46 Dry cleaning<br><b>Status: Permitted</b><br>Positional Accuracy: Manually positioned to the address or location  | A10SW (W)                              | 815                          | 3       | 297362 518156 |





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| 11     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tesco Petrol Filling Station<br>Location: Bransty Row, North Shore, Whitehaven, Cumbria, CA28 7XY<br>Authority: Copeland Borough Council, Environmental Health Department<br>Permit Reference: CBC/LAPPC/B/25<br>Dated: Not Supplied<br>Process Type: Local Authority Air Pollution Control<br>Description: PG1/14 Petrol filling station<br><b>Status: Authorised</b><br>Positional Accuracy: Manually positioned to the address or location                                     | A10NW (NW)                             | 917                          | 3       | 297482<br>518563 |
|        | <b>Nearest Surface Water Feature</b>  | A7NE (SW)                              | 0                            | -       | 298332<br>517940 |
| 12     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Connection To Surface Drains<br>Location: Cumbria<br>Authority: Environment Agency, North West Region<br>Pollutant: Sewage Debris/Litter<br>Note: Un Named Stream; Domestic Sewage<br>Incident Date: 20th June 1996<br>Incident Reference: 96120066<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Wrong Connection<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A7SE (S)                               | 341                          | 2       | 298300<br>517500 |
| 13     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Storm Overflow<br>Location: Whitehaven A F C<br>Authority: Environment Agency, North West Region<br>Pollutant: Sewage - Storm Overflow<br>Note: Sewage<br>Incident Date: 18th December 1998<br>Incident Reference: NO980529<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: CSO Normal Operation<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Unknown                   | A6NE (W)                               | 362                          | 2       | 297800<br>517800 |
| 14     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Pow Beck Tributary<br>Incident Date: 11th February 1993<br>Incident Reference: 93120015<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A4NW (SE)                              | 552                          | 2       | 298800<br>517100 |
| 15     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Chemical industry<br>Location: Albright & Wilson<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Detergents/Surfactant<br>Note: Foam On Sea<br>Incident Date: 7th November 1998<br>Incident Reference: NO980472<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Coastal Water<br>Cause of Incident: High Flow<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                 | A6NW (W)                               | 656                          | 2       | 297500<br>517800 |



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| 16     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Domestic/Residential<br>Location: HENSINGHAM<br>Authority: Environment Agency, North West Region<br>Pollutant: Sewage - Wrong Connection<br>Note: Stream Polluted With Sewage; Unnamed Tributary Of Snebra Beck; Probable Wrong Connection<br>Incident Date: 18th April 1997<br>Incident Reference: 97120037<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Wrong Connection<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A3NE (S)                               | 694                          | 2       | 298600 517000 |
| 17     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Sewerage Systems<br>Location: Cumbria<br>Authority: Environment Agency, North West Region<br>Pollutant: Storm Sewage<br>Note: Snebri Beck; Fish Waste<br>Incident Date: 17th September 1996<br>Incident Reference: 96120104<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Miscellaneous/Other Pollution Type<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m  | A4SW (S)                               | 764                          | 2       | 298700 516900 |
| 18     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Sewerage Systems<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown Sewage<br>Note: Snebro Beck<br>Incident Date: 21st April 1993<br>Incident Reference: 93120052<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m  | A3SE (S)                               | 788                          | 2       | 298600 516900 |
| 19     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Petrol<br>Note: Pow Beck<br>Incident Date: 1st February 1995<br>Incident Reference: 95120013<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A10SW (W)                              | 832                          | 2       | 297400 518300 |
| 20     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Keekele Tributary<br>Incident Date: 28th November 1991<br>Incident Reference: 91210108<br>Catchment Area: Ehen<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m   | A16NE (NE)                             | 861                          | 2       | 299100 519100 |
| 21     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Ships/Boats<br>Location: Whitehaven Harbour, WHITEHAVEN<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Oil<br>Incident Date: 30th January 1998<br>Incident Reference: NO980033<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Coastal Water<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A10NW (NW)                             | 881                          | 2       | 297400 518400 |





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| 22     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Pow Beck Tributary<br>Incident Date: 3rd June 1991<br>Incident Reference: 91120047<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                               | A3SE (S)                               | 884                          | 2       | 298600<br>516800 |
| 23     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Pow Beck<br>Incident Date: 27th November 1994<br>Incident Reference: 94120149<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                     | A6SW (SW)                              | 894                          | 2       | 297400<br>517400 |
| 24     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Waste Oil<br>Note: Pow Beck<br>Incident Date: 17th June 1994<br>Incident Reference: 94120065<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Deliberate Disposal To Drain<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                 | A2NW (SW)                              | 944                          | 2       | 297500<br>517200 |
| 25     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Spillage; Accident In Transit<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Foam<br>Note: Whitehaven Harbour<br>Incident Date: 5th December 1991<br>Incident Reference: 91120126<br>Catchment Area: Irish Sea Coastal<br>Receiving Water: Not Given<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A9SE (W)                               | 983                          | 2       | 297200<br>518200 |
| 26     | <b>Substantiated Pollution Incident Register</b><br>Authority: Environment Agency - North West Region, North Area<br>Incident Date: 26th July 2016<br>Incident Reference: 1456565<br>Water Impact: Category 4 - No Impact<br>Air Impact: Category 4 - No Impact<br>Land Impact: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: General Biodegradable Materials And Wastes: Vegetable Cuttings And Deposits<br>Pollutant: Inert : Construction / Demolition Material                       | A12SW (E)                              | 28                           | 2       | 298967<br>518109 |
| 27     | <b>Substantiated Pollution Incident Register</b><br>Authority: Environment Agency - North West Region, North Area<br>Incident Date: 23rd October 2006<br>Incident Reference: 445208<br>Water Impact: Category 2 - Significant Incident<br>Air Impact: Category 4 - No Impact<br>Land Impact: Category 4 - No Impact<br>Positional Accuracy: Located by supplier to within 10m<br>Pollutant: Oils - Diesel (Including Agricultural)   | A10NW (NW)                             | 965                          | 2       | 297375<br>518511 |



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|        | <b>Water Abstractions</b><br>Operator: Whitehaven Brick & Tile Co Ltd<br>Licence Number: 2774002003<br>Permit Version: Not Supplied<br>Location: Inland Water At Fire Brick Works, WHITEHAVEN, Cumbria<br>Authority: Environment Agency, North West Region<br>Abstraction: Manufacturing<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 1<br>Yearly Rate (m3): 455<br>Details: Licence Status: Revoked<br>Authorised Start: Not Supplied<br>Authorised End: Not Supplied<br>Permit Start Date: Not Supplied<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A2SW (SW)                              | 1456                         | 2       | 297300 516700 |
|        | <b>Groundwater Vulnerability</b><br>Soil Classification: Soils of Low Leaching Potential - Soils in which pollutants are unlikely to penetrate the soil layer because water movement is largely horizontal or they have large ability to attenuate diffuse pollutants. Lateral flow from these soils contribute to groundwater recharge elsewhere in the catchment<br>Map Sheet: Sheet 6 South West Cumbria<br>Scale: 1:100,000   | A7NE (NW)                              | 0                            | 2       | 298367 517966 |
|        | <b>Groundwater Vulnerability</b><br>Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise<br>Map Sheet: Sheet 6 South West Cumbria<br>Scale: 1:100,000  | A7NE (S)                               | 0                            | 2       | 298363 517939 |
|        | <b>Drift Deposits</b><br>Drift Deposit: Low permeability drift deposits occurring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium<br>Map Sheet: Sheet 6 South West Cumbria<br>Scale: 1:100,000   | A7NE (NW)                              | 0                            | 2       | 298367 517966 |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A   | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - Undifferentiated  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A7NW (SW)                              | 18                           | 2       | 298258 517817 |
|        | <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Extreme Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A7NW (SW)                              | 73                           | 2       | 298183 517799 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A7NW (SW)                              | 18                           | 2       | 298258 517817 |
|        | <b>Flooding from Rivers or Sea without Defences</b><br>Type: Extent of Flooding from Rivers or Sea without Defences<br>Flood Plain Type: Fluvial Models<br>Boundary Accuracy: As Supplied   | A7NW (SW)                              | 73                           | 2       | 298183 517799 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None   |  |                              |         |               |
|        | <b>Flood Water Storage Areas</b><br>None  |  |                              |         |               |
|        | <b>Flood Defences</b><br>None   |  |                              |         |               |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
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| 28     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7NE (SW)                              | 0                            | 2       | 298332 517940 |
| 29     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A11SW (NW)                             | 0                            | 2       | 298242 518033 |
| 30     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A11SW (NW)                             | 0                            | 2       | 298258 518051 |
| 31     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A11SE (NE)                             | 1                            | 2       | 298480 518091 |
| 32     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A11SE (NE)                             | 1                            | 2       | 298480 518091 |
| 33     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7NE (SE)                              | 1                            | 2       | 298367 517966 |



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| 34     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:                            | A7NE (SW)                              | 13                           | 2       | 298327 517912 |
| 35     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:                            | A7NW (SW)                              | 25                           | 2       | 298266 517816 |
| 36     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A7NW (SW)                              | 25                           | 2       | 298244 517812 |
| 37     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A7NW (SW)                              | 25                           | 2       | 298268 517816 |
| 38     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A7NW (SW)                              | 40                           | 2       | 298134 517845 |
| 39     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:                            | A7NW (SW)                              | 74                           | 2       | 298186 517793 |



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| 40     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                | A11SW (W)                              | 115                          | 2       | 298053 517999 |
| 41     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                 | A11SW (NW)                             | 115                          | 2       | 298154 518124 |
| 42     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:      | A11SW (W)                              | 122                          | 2       | 298037 517986 |
| 43     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                | A8NE (E)                               | 127                          | 2       | 299243 517943 |
| 44     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Midgley Gill<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgley Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A7NW (SW)                              | 131                          | 2       | 298101 517759 |
| 45     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                | A7NW (W)                               | 142                          | 2       | 298004 517947 |



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| 46     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A12SE (E)                              | 151                          | 2       | 299268<br>518065 |
| 47     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A12SE (E)                              | 162                          | 2       | 299270<br>518098 |
| 48     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A12SE (E)                              | 169                          | 2       | 299274<br>518108 |
| 49     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7NW (S)                               | 170                          | 2       | 298287<br>517672 |
| 50     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A7NW (S)                               | 189                          | 2       | 298255<br>517648 |
| 51     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A12SE (E)                              | 208                          | 2       | 299308<br>518129 |



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| 52     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A7SW (SW)                              | 224                          | 2       | 298201 517618 |
| 53     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A8SW (SE)                              | 257                          | 2       | 298874 517396 |
| 54     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Midgey Gill<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A7NW (SW)                              | 285                          | 2       | 297983 517653 |
| 55     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | A7SW (SW)                              | 288                          | 2       | 298121 517578 |
| 56     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A7SW (SW)                              | 293                          | 2       | 298116 517575 |
| 57     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A7SE (S)                               | 310                          | 2       | 298437 517580 |



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| 58     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A7SE (S)                               | 313                          | 2       | 298368 517546 |
| 59     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A6NE (W)                               | 318                          | 2       | 297852 517778 |
| 60     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7SE (S)                               | 329                          | 2       | 298345 517523 |
| 61     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7SW (SW)                              | 339                          | 2       | 298027 517563 |
| 62     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A7SW (SW)                              | 344                          | 2       | 298023 517559 |
| 63     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A12NE (NE)                             | 350                          | 2       | 299297 518384 |





| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 64     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A7SE (S)                               | 355                          | 2       | 298320 517490 |
| 65     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A4NW (SE)                              | 355                          | 2       | 298840 517296 |
| 66     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A7SW (SW)                              | 362                          | 2       | 298005 517547 |
| 67     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                            | A12NE (NE)                             | 379                          | 2       | 299297 518421 |
| 68     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                           | A7SW (S)                               | 392                          | 2       | 298275 517438 |
| 69     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A6SE (SW)                              | 408                          | 2       | 297921 517536 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 70     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drain<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Drain (ditch, Reen, Rhyne, Drain)<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A10SE (W)                              | 410                          | 2       | 297756<br>518059 |
| 71     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A6NE (SW)                              | 413                          | 2       | 297816<br>517644 |
| 72     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A6NE (W)                               | 417                          | 2       | 297734<br>517855 |
| 73     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Snebra beck<br>Name:<br>Water Course: SNEB<br>Reference:                             | A4NW (SE)                              | 420                          | 2       | 298817<br>517232 |
| 74     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                 | A7SW (SW)                              | 426                          | 2       | 298115<br>517431 |
| 75     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drain<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Currently Undefined<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:  | A10SE (W)                              | 429                          | 2       | 297721<br>518001 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 76     | <b>Detailed River Network Lines</b><br>River Type: Secondary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:  | (NE)                                   | 437                          | 2       | 299311<br>518482 |
| 77     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A6NE (W)                               | 446                          | 2       | 297741<br>517712 |
| 78     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drain<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Drain (ditch, Reen, Rhyne, Drain)<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                          | A10SE (W)                              | 447                          | 2       | 297726<br>518086 |
| 79     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:   | A6NE (SW)                              | 456                          | 2       | 297735<br>517701 |
| 80     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drain<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Currently Undefined<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:   | A10SE (W)                              | 459                          | 2       | 297706<br>518065 |
| 81     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:   | A12NE (NE)                             | 460                          | 2       | 299207<br>518613 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 82     | <b>Detailed River Network Lines</b><br>River Type: Primary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Flood Risk Management Indicative/Statutory Main River<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference: | A6NE (W)                               | 463                          | 2       | 297725<br>517705 |
| 83     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drain<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Currently Undefined<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Midgey Gill<br>Name:<br>Water Course: MIDE<br>Reference:  | A10SE (W)                              | 464                          | 2       | 297704<br>518074 |
| 84     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                                | A11NW (N)                              | 474                          | 2       | 298207<br>518589 |
| 85     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drains<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Drain (ditch, Reen, Rhyne, Drain)<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                | A10SE (W)                              | 475                          | 2       | 297728<br>518156 |
| 86     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drains<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Drain (ditch, Reen, Rhyne, Drain)<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                | A10SE (W)                              | 479                          | 2       | 297726<br>518163 |
| 87     | <b>Detailed River Network Lines</b><br>River Type: Tertiary River<br>River Name: Drains<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Surface<br>Drain Feature: Drain (ditch, Reen, Rhyne, Drain)<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference:                | A10SE (W)                              | 482                          | 2       | 297713<br>518144 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 88     | <b>Detailed River Network Lines</b><br>River Type: Extended Culvert (greater than 50m)<br>River Name: Not Supplied<br>Hydrographic Area: B12<br>River Flow Type: Primary Flow Path<br>River Surface Level: Below Surface<br>Drain Feature: Not a Drain<br>Flood Risk: Other Rivers<br>Management Status:<br>Water Course: Not Supplied<br>Name:<br>Water Course: Not Supplied<br>Reference: | A10SE (W)                              | 496                          | 2       | 297690<br>518126 |
|        | <b>Detailed River Network Offline Drainage</b><br>None  |  |                              |         |                  |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
| 89     | <b>BGS Recorded Landfill Sites</b><br>Site Name: Overend Tip<br>Location: Hensingham, WHITEHAVEN, Cumbria<br>Authority: British Geological Survey, National Geoscience Information Service<br>Ground Water: Information not available<br>Surface Water: Information not available<br>Geology: N/A<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: Good   | A4SE (SE)                              | 970                          | -       | 298993 516692 |
| 90     | <b>Historical Landfill Sites</b><br>Licence Holder: Eden Construction Limited<br>Location: Adjacent to Snebra Ghyll, Hensingham, Whitehaven, Cumbria<br>Name: Land off Hensingham Road<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHL07855<br>First Input Date: 6th July 1991<br>Last Input Date: 7th October 1992<br>Specified Waste: Deposited Waste included Inert Waste<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 0900/0008<br>BGS Ref: Not Supplied<br>Other Ref: 153   | A3NE (S)                               | 769                          | 2       | 298388 517011 |
| 91     | <b>Historical Landfill Sites</b><br>Licence Holder: Copeland Borough Council<br>Location: Overend Road, Overend, Hensingham, Whitehaven, Cumbria<br>Name: Overend Quarry<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHL07856<br>First Input Date: 31st December 1942<br>Last Input Date: 31st December 1988<br>Specified Waste: Deposited Waste included Inert Waste<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: 0900/0173<br>BGS Ref: Not Supplied<br>Other Ref: 22   | A4SE (SE)                              | 966                          | 2       | 298989 516695 |
| 92     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Hensingham, Whitehaven, Cumbria<br>Name: Overend Tip<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHL32010<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Not Supplied<br>Type:<br>EA Waste Ref: 0<br>Regis Ref: Not Supplied<br>WRC Ref: Not Supplied<br>BGS Ref: 25<br>Other Ref: Not Supplied  | A4SE (SE)                              | 970                          | 2       | 298993 516692 |
| 93     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 57263<br>Location: 12/14 Albion Street, Whitehaven, Cumbria, CA28 9AD<br>Operator Name: Hanratty Peter<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Metal Recycling Sites (Mixed)<br><b>Licence Status: Revoked</b><br>Issued: 1st June 1994<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: 14th October 2014<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A5NE (W)                               | 944                          | 2       | 297200 517900 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Copeland Borough Council<br>- Has supplied landfill data  |  | 0                            | 3       | 298367 517966 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
|        | <b>Local Authority Landfill Coverage</b><br>Name: Cumbria County Council<br>- Had landfill data but passed it to the relevant environment agency   |  | 0                            | 4       | 298367<br>517966 |
| 94     | <b>Local Authority Recorded Landfill Sites</b><br>Location: Albion Street, Whitehaven<br>Reference: 263<br>Authority: Copeland Borough Council, Environmental Health Department<br><b>Last Reported Status:</b> Unknown<br>Types of Waste: Not Supplied<br>Date of Closure: Not Supplied<br>Positional Accuracy: Positioned by the supplier<br>Boundary Quality: Good  | A5NE (W)                               | 995                          | 3       | 297150<br>517898 |
| 95     | <b>Registered Landfill Sites</b><br>Licence Holder: Eden Construction Ltd<br>Licence Reference: 153/M1<br>Site Location: Hensingham Road, Snebra Ghyll, Hensingham, Whitehaven, Cumbria<br>Licence Easting: 298450<br>Licence Northing: 516950<br>Operator Location: Durranshill, CARLISLE, Cumbria, CA1 3NR<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Landfill<br>Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year)<br>Waste Source: Waste produced/controlled by licence holder<br>Restrictions:<br>Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st June 1991<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the address or location<br>Boundary Accuracy: Not Applicable<br>Authorised Waste: H'Core, Concrete, Brick, Slate, Glass, Cera<br>Inert Mat'L Consisting Of<br>Soil, Sand, Clay, Stone<br>Prohibited Waste: Animal Flesh<br>Clinical - As In Coll/Disp.Reg's Of '88<br>Difficult Wastes As In Doe Wmp No.26<br>Foodstuffs<br>Leachate Forming Mat'Ls Incl.<br>Liquid Wastes<br>Metal Objects<br>Paper/Cardboard Waste<br>Plasterboard/Plaster<br>Plastic Objects<br>Sawdust<br>Special Wastes<br>Textiles<br>Vegetable Matter<br>Wood/Timber | A3SE (S)                               | 802                          | 2       | 298450<br>516950 |
| 96     | <b>Registered Waste Treatment or Disposal Sites</b><br>Licence Holder: Partco Autoparts Ltd<br>Licence Reference: 203/M1<br>Site Location: Border Yard, Coach Road, WHITEHAVEN, Cumbria, CA28 9DF<br>Operator Location: Lea Francis House, Station Road, Balsall Common, COVENTRY, West Midlands, CV7 7FD<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Storage - with transfer<br>Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year)<br>Waste Source: No known restriction on source of waste<br>Restrictions:<br>Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br>Dated: 1st September 1992<br>Preceded By: Not Given<br>Licence:<br>Superseded By: Not Given<br>Licence:<br>Positional Accuracy: Manually positioned to the road within the address or location<br>Boundary Quality: Not Supplied<br>Authorised Waste: Alcohols<br>Aldehydes And Ketones<br>Aliphatic Hydrocarbons<br>Aromatic Hydrocarbons<br>Ethers<br>Liq.Waste Cellulose Paint/Thinner Cont<br>Max.Storage   | A6SW (SW)                              | 894                          | 2       | 297400<br>517400 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 97     | <p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: P Hanratty<br/> Licence Reference: 263/M1<br/> Site Location: Albion Street, WHITEHAVEN, Cumbria, CA28 9AD<br/> Operator Location: As Site Address<br/> Authority: Environment Agency - North West Region, North Area<br/> Site Category: Scrapyard<br/> Max Input Rate: Very Small (Less than 10,000 tonnes per year)<br/> Waste Source: No known restriction on source of waste<br/> Restrictions:<br/> Licence Status: Operational as far as is known<br/> Dated: 1st June 1994<br/> Preceded By: Not Given<br/> Licence:<br/> Superseded By: Not Given<br/> Licence:<br/> Positional Accuracy: Manually positioned to the road within the address or location<br/> Boundary Quality: Not Supplied<br/> Authorised Waste<br/> Prohibited Waste</p> <p>Domestic Appliances<br/> Ferrous Metal Scrap<br/> Industrial Scrap Metal/Machinery<br/> Max.Waste Permitted By Licence<br/> Non-Ferrous Metal Scrap<br/> Scrap Vehicles<br/> Clinical - As In Coll/Disp.Reg's Of '88<br/> Commercial Waste<br/> Construction And Demolition Wastes<br/> Difficult Wastes (As In Wmp.26)<br/> Drums/Cont'Rs Which Contain Waste<br/> Household Waste<br/> Industrial Wastes<br/> Liquid Wastes<br/> Non-Metal Waste<br/> Percussive/Explosive/Similar Waste<br/> Spec.Waste (Epa'90:S62/1996 Regs)N.O.S<br/> Waste N.O.S.</p> | A5NE (W)                               | 994                          | 2       | 297150<br>517920 |





## Hazardous Substances

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 98     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Rhodia Consumer Specialties Limited<br>Location: Whitehaven Works, P O Box 15, High Street, WHITEHAVEN, Cumbria, CA28 9QQ<br>Reference: Not Supplied<br>Type: Upper Tier<br><b>Status: Record Ceased To Be Supplied Under COMAH Regulations</b><br>Positional Accuracy: Manually positioned to the road within the address or location | A10NE (NW)                             | 689                          | 5       | 297656 518415 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)   | A7NE (S)                               | 0                            | 1       | 298400 517638 |
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Yoredale Group   | A8NW (SE)                              | 0                            | 1       | 298865 517685 |
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Warwickshire Group   | A11SE (NE)                             | 0                            | 1       | 298506 518090 |
|        | <b>BGS 1:625,000 Solid Geology</b><br>Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)   | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
| 99     | <b>BGS Recorded Mineral Sites</b><br>Site Name: Standing Stones<br>Location: , Harras, Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98353<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Whitehaven Sandstone Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A12SW (E)                              | 0                            | 1       | 298815 518150 |
| 100    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bedlam Gill<br>Location: , Hensingham, Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98351<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Hensingham Grit<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m                | A8SE (SE)                              | 381                          | 1       | 299000 517305 |
| 101    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Harras Park<br>Location: , Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 140705<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Whitehaven Sandstone Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m            | A10SE (NW)                             | 383                          | 1       | 297928 518260 |
| 102    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Harras Park<br>Location: , Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 140706<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Whitehaven Sandstone Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m            | A11NW (NW)                             | 409                          | 1       | 297961 518335 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 103    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Harras Park<br>Location: , Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 140704<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Whitehaven Sandstone Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m         | A15SE (N)                              | 718                          | 1       | 298324 518911 |
| 104    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Overend<br>Location: Wythburn Road, Hensingham, Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 98345<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Hensingham Grit<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m    | A4SE (SE)                              | 875                          | 1       | 299115 516820 |
| 105    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Harras Park<br>Location: , Whitehaven, Cumbria<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 140703<br>Type: Opencast<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Pennine Middle Coal Measures Formation<br>Commodity: Sandstone<br>Positional Accuracy: Located by supplier to within 10m | A15NE (N)                              | 884                          | 1       | 298312 519084 |
| 106    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Stowe Pit<br>Location: , Whitehaven, Cumberland<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 225762<br>Type: Underground<br><b>Status: Ceased</b><br>Operator: Not Supplied<br>Operator Location: Not Supplied<br>Periodic Type: Carboniferous<br>Geology: Bannock Coal (Cumbria)<br>Commodity: Coal - Deep<br>Positional Accuracy: Located by supplier to within 10m           | A6SW (SW)                              | 1000                         | 1       | 297306 517350 |
|        | <b>Coal Mining Affected Areas</b><br>Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.   | A7NE (NW)                              | 0                            | 6       | 298367 517966 |
|        | <b>Mining Instability</b><br>Mining Evidence: Inconclusive Coal Mining<br>Source: Ove Arup & Partners<br>Boundary Quality: As Supplied   | A7NE (NW)                              | 0                            | -       | 298367 517966 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service   | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service   | A12NW (NE)                             | 15                           | 1       | 298757 518354 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|---|--|------------------------------|---------|---------------|
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: Moderate<br>Source: British Geological Survey, National Geoscience Information Service  | A12SE (E)                              | 63                           | 1       | 298993 518219 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service  | A11SE (N)                              | 0                            | 1       | 298396 518059 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service  | A7NW (SW)                              | 95                           | 1       | 298154 517770 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service  | A8SW (SE)                              | 172                          | 1       | 298902 517489 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A11SE (N)                              | 0                            | 1       | 298396 518059 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A12NW (NE)                             | 15                           | 1       | 298757 518354 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A12SE (E)                              | 63                           | 1       | 298993 518219 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A8SW (SE)                              | 134                          | 1       | 298929 517545 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A11SE (NE)                             | 0                            | 1       | 298472 518072 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A11NE (N)                              | 156                          | 1       | 298461 518377 |
|        | <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A12SE (E)                              | 182                          | 1       | 299223 518224 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).<br>Source: British Geological Survey, National Geoscience Information Service | A7NE (NW)                              | 0                            | 1       | 298367 517966 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service                     | A7NE (NW)                              | 0                            | 1       | 298367 517966 |



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| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 107    | <b>Contemporary Trade Directory Entries</b><br>Name: Elliot & Black<br>Location: Unit 1, Red Lonning Industrial Estate, Red Lonning Ind Est, Whitehaven, Cumbria, CA28 6SJ<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A12SE (E)                              | 62                           | -       | 298971 518144 |
| 107    | <b>Contemporary Trade Directory Entries</b><br>Name: Lakeland Spring Soft Drinks Ltd<br>Location: Unit 1, Red Lonning Industrial Estate, Whitehaven, Cumbria, CA28 6SJ<br>Classification: Soft Drinks - Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address           | A12SE (E)                              | 62                           | -       | 298971 518144 |
| 108    | <b>Contemporary Trade Directory Entries</b><br>Name: Corkickle Service Station<br>Location: Back Corkickle, Whitehaven, Cumbria, CA28 7TS<br>Classification: Petrol Filling Stations<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                     | A6NE (SW)                              | 445                          | -       | 297783 517634 |
| 108    | <b>Contemporary Trade Directory Entries</b><br>Name: Esso<br>Location: Back Corkickle, Whitehaven, Cumbria, CA28 7TS<br>Classification: Petrol Filling Stations<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address   | A6SE (SW)                              | 458                          | -       | 297775 517623 |
| 109    | <b>Contemporary Trade Directory Entries</b><br>Name: Smurfit Kappa<br>Location: Richmond Works, Moresby Road, Hensingham, Whitehaven, Cumbria, CA28 8TS<br>Classification: Packaging Materials Manufacturers & Suppliers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address          | A4NE (SE)                              | 503                          | -       | 299191 517277 |
| 110    | <b>Contemporary Trade Directory Entries</b><br>Name: Norman Strickland<br>Location: Flatt Walks, Whitehaven, Cumbria, CA28 7RW<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned in the proximity of the address  | A6NE (W)                               | 512                          | -       | 297679 517689 |
| 111    | <b>Contemporary Trade Directory Entries</b><br>Name: Haven Tyre Centre<br>Location: Masons Yard, Moresby Road, Hensingham, Whitehaven, Cumbria, CA28 8TU<br>Classification: Tyre Dealers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address  | A8SE (SE)                              | 528                          | -       | 299283 517338 |
| 112    | <b>Contemporary Trade Directory Entries</b><br>Name: Sekers Fabrics Ltd<br>Location: The Silk Mill, Main Street, Hensingham, Whitehaven, Cumbria, CA28 8QT<br>Classification: Textile Manufacturing<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A4NE (SE)                              | 542                          | -       | 299079 517164 |
| 112    | <b>Contemporary Trade Directory Entries</b><br>Name: Sekers Fabrics<br>Location: The Silk Mill, Main Street, Hensingham, WHITEHAVEN, Cumbria, CA28 8QT<br>Classification: Upholstery Manufacturers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                              | A4NE (SE)                              | 542                          | -       | 299079 517164 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: Stephenson Auto Body Repairs<br>Location: Unit 1, Rope Walk, Coach Road, Whitehaven, Cumbria, CA28 7TE<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                 | A6NE (SW)                              | 543                          | -       | 297665 517643 |
| 113    | <b>Contemporary Trade Directory Entries</b><br>Name: T Lewthwaite<br>Location: Lewthwaite, Flatt Walks, Whitehaven, Cumbria, CA28 7RW<br>Classification: Engine Rebuilding & Reconditioning<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                     | A6NE (SW)                              | 577                          | -       | 297623 517655 |



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|--------|---|--|------------------------------|---------|------------------|
| 114    | <b>Contemporary Trade Directory Entries</b><br>Name: W M Morrisons Petrol Station<br>Location: Flatt Walks, Whitehaven, Cumbria, CA28 7RW<br>Classification: Petrol Filling Stations<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                 | A6NW (W)                               | 586                          | -       | 297558<br>517905 |
| 115    | <b>Contemporary Trade Directory Entries</b><br>Name: G & M Supplies Ltd<br>Location: Ivy Mill, Main Street, Hensingham, Whitehaven, Cumbria, CA28 8TP<br>Classification: Catering Equipment<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address        | A4NE (SE)                              | 595                          | -       | 298998<br>517077 |
| 116    | <b>Contemporary Trade Directory Entries</b><br>Name: Printpoint (Cumbria) Ltd<br>Location: 77, Lowther Street, Whitehaven, Cumbria, CA28 7RB<br>Classification: Printers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                           | A10SW (W)                              | 612                          | -       | 297538<br>518018 |
| 117    | <b>Contemporary Trade Directory Entries</b><br>Name: B & H Motors<br>Location: High Street, Whitehaven, Cumbria, CA28 7PY<br>Classification: Car Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address   | A10NE (NW)                             | 622                          | -       | 297690<br>518353 |
| 117    | <b>Contemporary Trade Directory Entries</b><br>Name: B & H Motors Ltd<br>Location: High Street, Whitehaven, Cumbria, CA28 7PY<br>Classification: Car Customisation & Conversion Specialists<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address          | A10NE (NW)                             | 622                          | -       | 297690<br>518353 |
| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Hillarys Blinds Ltd<br>Location: 73, Lowther Street, Whitehaven, Cumbria, CA28 7AH<br>Classification: Blinds, Awnings & Canopies<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address              | A10SW (W)                              | 666                          | -       | 297487<br>518042 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: West Cumbria Dental Laboratory<br>Location: 10, Scotch Street, Whitehaven, Cumbria, CA28 7BJ<br>Classification: Medical & Dental Laboratories<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A10SW (W)                              | 698                          | -       | 297450<br>518008 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Ms Flooring<br>Location: 130, Queen Street, Whitehaven, CA28 7QF<br>Classification: Carpet & Fabric Proofing<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                  | A10SW (W)                              | 729                          | -       | 297446<br>518139 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Jolly Pots<br>Location: 21, Church Street, Whitehaven, Cumbria, CA28 7EB<br>Classification: Ceramic Manufacturers, Supplies & Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A10SW (W)                              | 811                          | -       | 297371<br>518174 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Lakeland<br>Location: 18, Church Street, Whitehaven, Cumbria, CA28 7EB<br>Classification: Dry Cleaners<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A10SW (W)                              | 815                          | -       | 297362<br>518156 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Fotomax<br>Location: 18, Church Street, Whitehaven, Cumbria, CA28 7EB<br>Classification: Printers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address   | A10SW (W)                              | 815                          | -       | 297362<br>518156 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: G & M Supplies Ltd<br>Location: 10, Duke Street, Whitehaven, CA28 7ER<br>Classification: Catering Equipment<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                                     | A10NW (W)                              | 839                          | -       | 297397<br>518309 |



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|--------|--|--|------------------------------|---------|---------------|
| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: Washright<br>Location: 15, New Street, Whitehaven, Cumbria, CA28 7DY<br>Classification: Laundries & Launderettes<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address   | A10SW (W)                              | 843                          | -       | 297365 518250 |
| 124    | <b>Contemporary Trade Directory Entries</b><br>Name: Jacksons Marine<br>Location: Border House, Coach Road, Whitehaven, Cumbria, CA28 9DF<br>Classification: Boatbuilders & Repairers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                             | A6SW (SW)                              | 850                          | -       | 297422 517447 |
| 124    | <b>Contemporary Trade Directory Entries</b><br>Name: Coachroad Garage<br>Location: Coach Rd, Whitehaven, Cumbria, CA28 9DF<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                              | A6SW (SW)                              | 874                          | -       | 297420 517406 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: Studholme Dickson & Co Ltd<br>Location: Castle Garage, Irish St, Whitehaven, Cumbria, CA28 7BU<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location     | A6NW (W)                               | 852                          | -       | 297292 517916 |
| 126    | <b>Contemporary Trade Directory Entries</b><br>Name: Whitehaven Harbour Commissioners<br>Location: 27, Lowther Street, Whitehaven, CA28 7DN<br>Classification: Ports, Docks & Harbours<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                              | A10SW (W)                              | 853                          | -       | 297314 518124 |
| 127    | <b>Contemporary Trade Directory Entries</b><br>Name: Beauty Box<br>Location: 6, Tangier Street, Whitehaven, Cumbria, CA28 7UZ<br>Classification: Perfume Suppliers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A10NW (NW)                             | 860                          | -       | 297412 518379 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: Genesis<br>Location: 5, New Street, Whitehaven, Cumbria, CA28 7DY<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                     | A10SW (W)                              | 861                          | -       | 297329 518204 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: Genesis Home Appliances<br>Location: 5, New Street, Whitehaven, Cumbria, CA28 7DY<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address       | A10SW (W)                              | 861                          | -       | 297329 518204 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: P D Hendren<br>Location: 15, King Street, Whitehaven, Cumbria, CA28 7ED<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address   | A10SW (W)                              | 866                          | -       | 297334 518233 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: Brighthouse<br>Location: 66, King Street, Whitehaven, CA28 7LE<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                          | A10SW (W)                              | 899                          | -       | 297294 518221 |
| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Quality Cleaning & Contracting Ltd<br>Location: Office 6 Fish Hall, Whitehaven, Cumbria, CA28 7XE<br>Classification: Cleaning Services - Domestic<br><b>Status: Active</b><br>Positional Accuracy: Manually positioned within the geographical locality | A10NW (NW)                             | 877                          | -       | 297465 518482 |
| 130    | <b>Contemporary Trade Directory Entries</b><br>Name: Elegant Touch<br>Location: 54 Roper St, Whitehaven, Cumbria, CA28 7AU<br>Classification: Fireplaces & Mantelpieces<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location                                    | A9SE (W)                               | 884                          | -       | 297266 518032 |





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| 131    | <b>Contemporary Trade Directory Entries</b><br>Name: Neil Vaughan<br>Location: Border Yard, Coach Rd, Whitehaven, Cumbria, CA28 9DF<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A6SW (SW)                              | 896                          | -       | 297388 517415 |
| 131    | <b>Contemporary Trade Directory Entries</b><br>Name: Topz Pets<br>Location: Coach Road, Whitehaven, Cumbria, CA28 9DB<br>Classification: Pet Foods & Animal Feeds<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned in the proximity of the address                       | A6SW (SW)                              | 909                          | -       | 297368 517424 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Open World Yachts<br>Location: 2, Duke Street, Whitehaven, CA28 7EW<br>Classification: Boatbuilders & Repairers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                     | A10NW (W)                              | 911                          | -       | 297333 518343 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Whitehaven Harbour Commissioners<br>Location: Pears House, 1, Duke Street, Whitehaven, Cumbria, CA28 7HW<br>Classification: Ports, Docks & Harbours<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A10NW (W)                              | 921                          | -       | 297330 518359 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Whitehaven Harbour Commissioners<br>Location: Pears House, 1, Duke Street, Whitehaven, Cumbria, CA28 7HW<br>Classification: Ports, Docks & Harbours<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address | A10NW (W)                              | 921                          | -       | 297330 518359 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Whitehaven Marina Ltd<br>Location: Pears House, 1, Duke Street, WHITEHAVEN, Cumbria, CA28 7HW<br>Classification: Ports, Docks & Harbours<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address            | A10NW (W)                              | 921                          | -       | 297330 518359 |
| 133    | <b>Contemporary Trade Directory Entries</b><br>Name: Sembcorp Simon Carves Ltd<br>Location: 34, Lowther Street, Whitehaven, Cumbria, CA28 7JS<br>Classification: Chemical Plant & Equipment<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address              | A9SE (W)                               | 912                          | -       | 297272 518194 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Coach Road Motorworks<br>Location: The Rise, Coach Rd/, Whitehaven, Cumbria, CA28 9BX<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location     | A6SW (SW)                              | 933                          | -       | 297366 517380 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskill<br>Location: Unit 2, Pottery Road, Whitehaven, CA28 9BZ<br>Classification: Garage Services<br><b>Status:</b> Active<br>Positional Accuracy: Automatically positioned to the address   | A6SW (SW)                              | 945                          | -       | 297377 517342 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskill<br>Location: Unit 2, Pottery Road, Whitehaven, CA28 9BZ<br>Classification: Garage Services<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address   | A6SW (SW)                              | 945                          | -       | 297377 517342 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskill Tyres<br>Location: Unit 1, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Tyre Dealers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                     | A6SW (SW)                              | 950                          | -       | 297377 517334 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskilltyres.Co.Uk<br>Location: Unit 1, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Tyre Dealers<br><b>Status:</b> Inactive<br>Positional Accuracy: Automatically positioned to the address                                | A6SW (SW)                              | 950                          | -       | 297377 517334 |





## Industrial Land Use

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskill Tyres<br>Location: Unit 1, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A6SW (SW)                              | 950                          | -       | 297377 517334 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskill Tyres<br>Location: Unit 1, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address  | A6SW (SW)                              | 950                          | -       | 297377 517334 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Camskillyres.Co.Uk<br>Location: Unit 1, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A6SW (SW)                              | 950                          | -       | 297377 517334 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Sel Wholesale<br>Location: Pottery Mews, The Rise, Whitehaven, CA28 9BX<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address           | A6SW (SW)                              | 968                          | -       | 297361 517325 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Pottery Bodyworks<br>Location: Unit 3, Pottery Road, Whitehaven, Cumbria, CA28 9BZ<br>Classification: Car Body Repairs<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                   | A6SW (SW)                              | 972                          | -       | 297373 517302 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Cumbria Car Parts<br>Location: Unit 1, Whitehaven, Cumbria, ca28 9jx<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned within the geographical locality  | A6SW (SW)                              | 995                          | -       | 297336 517315 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: Currys Digital<br>Location: 51, King Street, Whitehaven, Cumbria, CA28 7JH<br>Classification: Electrical Goods Sales, Manufacturers & Wholesalers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the address or location | A9SE (W)                               | 944                          | -       | 297226 518145 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Klick<br>Location: 5, Market Place, Whitehaven, Cumbria, CA28 7JD<br>Classification: Photographic Processors<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address   | A9SE (W)                               | 952                          | -       | 297207 518096 |
| 137    | <b>Contemporary Trade Directory Entries</b><br>Name: B C Goulding Cabinet Maker<br>Location: Marlborough Street, Whitehaven, Cumbria, CA28 7LL<br>Classification: Joinery Manufacturers<br><b>Status: Active</b><br>Positional Accuracy: Automatically positioned to the address                         | A9SE (W)                               | 972                          | -       | 297216 518217 |
| 138    | <b>Contemporary Trade Directory Entries</b><br>Name: Kwik-Fit<br>Location: Preston St, Whitehaven, Cumbria, CA28 9DL<br>Classification: Tyre Dealers<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                                   | A5SE (W)                               | 974                          | -       | 297244 517532 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: J Mossop<br>Location: 2a Preston St, Whitehaven, Cumbria, CA28 9DL<br>Classification: Blacksmiths & Forgemasters<br><b>Status: Inactive</b><br>Positional Accuracy: Manually positioned to the road within the address or location                  | A5SE (W)                               | 978                          | -       | 297208 517630 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: Preston Street Garage<br>Location: Preston Street, Whitehaven, Cumbria, CA28 9DL<br>Classification: Garage Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address                                      | A5NE (W)                               | 999                          | -       | 297183 517642 |



## Industrial Land Use

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 140    | <b>Contemporary Trade Directory Entries</b><br>Name: M & A Cleaning Services<br>Location: 102, Victoria Road, Whitehaven, Cumbria, CA28 6JG<br>Classification: Commercial Cleaning Services<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address | A15NE (N)                              | 986                          | -       | 298343 519204 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: G J Autos Ltd<br>Location: Atlas Engineering Works, Newtown, Whitehaven, Cumbria, CA28 7HX<br>Classification: Mot Testing Centres<br><b>Status: Inactive</b><br>Positional Accuracy: Automatically positioned to the address      | A5NE (W)                               | 999                          | -       | 297146 517883 |
| 142    | <b>Fuel Station Entries</b><br>Name: Corkickle Service Station<br>Location: Back Corkickle, Whitehaven, Cumbria, CA28 7TS<br>Brand: ESSO<br>Premises Type: Petrol Station<br><b>Status: Open</b><br>Positional Accuracy: Manually positioned to the address or location                | A6SE (SW)                              | 459                          | -       | 297773 517625 |
| 143    | <b>Fuel Station Entries</b><br>Name: Morrisons Whitehaven<br>Location: Flatt Walks, Whitehaven, Cumbria, CA28 7RJ<br>Brand: Morrisons<br>Premises Type: Hypermarket<br><b>Status: Open</b><br>Positional Accuracy: Manually positioned to the address or location                      | A6NE (W)                               | 536                          | -       | 297625 517786 |
| 144    | <b>Fuel Station Entries</b><br>Name: Tesco Whitehaven<br>Location: Bransty Row, North Shore, Whitehaven, Cumbria, CA28 7XY<br>Brand: TESCO<br>Premises Type: Hypermarket<br><b>Status: Open</b><br>Positional Accuracy: Manually positioned to the address or location                 | A10NW (NW)                             | 917                          | -       | 297482 518563 |



## Sensitive Land Use

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 145    | <b>Ancient Woodland</b><br>Name: Midgey Wood<br>Reference: 1100225<br>Area(m <sup>2</sup> ): 56083<br>Type: Ancient and Semi-Natural Woodland      | A7NE (SE)                              | 0                            | 7       | 298367<br>517966 |
| 146    | <b>Ancient Woodland</b><br>Name: Crowpark Wood<br>Reference: 1100224<br>Area(m <sup>2</sup> ): 39468.99<br>Type: Ancient and Semi-Natural Woodland | A11SW (NW)                             | 62                           | 7       | 298140<br>518105 |



| Agency & Hydrological  | Version                    | Update Cycle                                   |
|--|----------------------------|--|
| <b>Contaminated Land Register Entries and Notices</b><br>Allerdale Borough Council - Environmental Protection<br>Copeland Borough Council - Environmental Health Department                | March 2015<br>October 2014 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - North West Region  | October 2016               | Quarterly                                      |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - North West Region   | March 2013                 | As notified                                    |
| <b>Integrated Pollution Controls</b><br>Environment Agency - North West Region   | October 2008               | Not Applicable                                 |
| <b>Integrated Pollution Prevention And Control</b><br>Environment Agency - North West Region   | October 2016               | Quarterly                                      |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Copeland Borough Council - Environmental Health Department<br>Allerdale Borough Council - Environmental Protection   | February 2015<br>June 2016 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>Copeland Borough Council - Environmental Health Department<br>Allerdale Borough Council - Environmental Protection             | February 2015<br>June 2016 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Copeland Borough Council - Environmental Health Department<br>Allerdale Borough Council - Environmental Protection | February 2015<br>June 2016 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Nearest Surface Water Feature</b><br>Ordnance Survey  | July 2012                  | Quarterly                                      |
| <b>Pollution Incidents to Controlled Waters</b><br>Environment Agency - North West Region  | January 2000               | Not Applicable                                 |
| <b>Prosecutions Relating to Authorised Processes</b><br>Environment Agency - North West Region   | March 2013                 | As notified                                    |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - North West Region  | March 2013                 | As notified                                    |
| <b>River Quality</b><br>Environment Agency - Head Office   | November 2001              | Not Applicable                                 |
| <b>River Quality Biology Sampling Points</b><br>Environment Agency - Head Office   | July 2012                  | Annually                                       |
| <b>River Quality Chemistry Sampling Points</b><br>Environment Agency - Head Office   | July 2012                  | Annually                                       |
| <b>Substantiated Pollution Incident Register</b><br>Environment Agency - North West Region - North Area  | October 2016               | Quarterly                                      |
| <b>Water Abstractions</b><br>Environment Agency - North West Region  | October 2016               | Quarterly                                      |
| <b>Water Industry Act Referrals</b><br>Environment Agency - North West Region  | October 2016               | Quarterly                                      |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office   | April 2015                 | Not Applicable                                 |
| <b>Drift Deposits</b><br>Environment Agency - Head Office  | January 1999               | Not Applicable                                 |
| <b>Bedrock Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service   | August 2015                | As notified                                    |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service   | August 2015                | As notified                                    |
| <b>Source Protection Zones</b><br>Environment Agency - Head Office   | October 2016               | Quarterly                                      |



| Agency & Hydrological   | Version                          | Update Cycle                                       |
|---|----------------------------------|--|
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office   | November 2016                    | Quarterly  |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office   | November 2016                    | Quarterly  |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office   | November 2016                    | Quarterly  |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office  | November 2016                    | Quarterly  |
| <b>Flood Defences</b><br>Environment Agency - Head Office   | November 2016                    | Quarterly  |
| <b>Detailed River Network Lines</b><br>Environment Agency - Head Office   | September 2014                   | Annually   |
| <b>Detailed River Network Offline Drainage</b><br>Environment Agency - Head Office  | March 2012                       | Annually   |
| <b>BGS Groundwater Flooding Susceptibility</b><br>British Geological Survey - National Geoscience Information Service   | May 2013                         | Annually   |
| Waste   | Version                          | Update Cycle                                       |
| <b>BGS Recorded Landfill Sites</b><br>British Geological Survey - National Geoscience Information Service   | June 1996                        | Not Applicable                                     |
| <b>Historical Landfill Sites</b><br>Environment Agency - Head Office  | January 2017                     | Quarterly  |
| <b>Integrated Pollution Control Registered Waste Sites</b><br>Environment Agency - North West Region  | October 2008                     | Not Applicable                                     |
| <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Environment Agency - North West Region - North Area  | August 2016                      | Quarterly  |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - North West Region - North Area  | October 2016                     | Quarterly  |
| <b>Local Authority Landfill Coverage</b><br>Allerdale Borough Council - Environmental Protection<br>Copeland Borough Council - Environmental Health Department<br>Cumbria County Council - Economy And Environment Department       | May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Local Authority Recorded Landfill Sites</b><br>Allerdale Borough Council - Environmental Protection<br>Copeland Borough Council - Environmental Health Department<br>Cumbria County Council - Economy And Environment Department | May 2000<br>May 2000<br>May 2000 | Not Applicable<br>Not Applicable<br>Not Applicable |
| <b>Registered Landfill Sites</b><br>Environment Agency - North West Region - North Area   | March 2003                       | Not Applicable                                     |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - North West Region - North Area   | March 2003                       | Not Applicable                                     |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - North West Region - North Area  | March 2003                       | Not Applicable                                     |



| Hazardous Substances   | Version  | Update Cycle  |
|--|--|---|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive  | July 2016                                      | Bi-Annually   |
| <b>Explosive Sites</b><br>Health and Safety Executive  | September 2016                                 | Bi-Annually   |
| <b>Notification of Installations Handling Hazardous Substances (NIHHS)</b><br>Health and Safety Executive  | November 2000                                  | Not Applicable  |
| <b>Planning Hazardous Substance Enforcements</b><br>Copeland Borough Council - Planning<br>Cumbria County Council - Development Control<br>Allerdale Borough Council | February 2016<br>February 2016<br>March 2014   | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>Copeland Borough Council - Planning<br>Cumbria County Council - Development Control<br>Allerdale Borough Council     | February 2016<br>February 2016<br>January 2016 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| Geological   | Version  | Update Cycle  |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service  | January 2009                                   | Not Applicable  |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service   | October 2016                                   | Bi-Annually   |
| <b>CBSCB Compensation District</b><br>Cheshire Brine Subsidence Compensation Board (CBSCB)   | August 2011                                    | Not Applicable  |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Property Searches  | March 2014                                     | As notified   |
| <b>Mining Instability</b><br>Ove Arup & Partners   | October 2000                                   | Not Applicable  |
| <b>Non Coal Mining Areas of Great Britain</b><br>British Geological Survey - National Geoscience Information Service   | May 2015                                       | Not Applicable  |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                     | June 2015                                      | Annually  |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                    | June 2015                                      | Annually  |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                     | June 2015                                      | Annually  |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                       | June 2015                                      | Annually  |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                                    | June 2015                                      | Annually  |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                      | June 2015                                      | Annually  |
| <b>Radon Potential - Radon Affected Areas</b><br>British Geological Survey - National Geoscience Information Service   | July 2011                                      | As notified   |
| <b>Radon Potential - Radon Protection Measures</b><br>British Geological Survey - National Geoscience Information Service  | July 2011                                      | As notified   |



| Industrial Land Use   | Version        | Update Cycle   |
|---|----------------|----------------|
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories  | November 2016  | Quarterly      |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian  | November 2016  | Quarterly      |
| <b>Gas Pipelines</b><br>National Grid   | July 2014      | Quarterly      |
| <b>Underground Electrical Cables</b><br>National Grid   | January 2016   | Bi-Annually    |
| Sensitive Land Use  | Version        | Update Cycle   |
| <b>Ancient Woodland</b><br>Natural England  | August 2016    | Bi-Annually    |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England   | January 2017   | Bi-Annually    |
| <b>Environmentally Sensitive Areas</b><br>Natural England   | January 2017   | Annually       |
| <b>Forest Parks</b><br>Forestry Commission  | April 1997     | Not Applicable |
| <b>Local Nature Reserves</b><br>Natural England   | January 2017   | Bi-Annually    |
| <b>Marine Nature Reserves</b><br>Natural England  | January 2017   | Bi-Annually    |
| <b>National Nature Reserves</b><br>Natural England  | January 2017   | Bi-Annually    |
| <b>National Parks</b><br>Natural England  | August 2016    | Bi-Annually    |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)  | April 2016     | Not Applicable |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | October 2015   | Annually       |
| <b>Ramsar Sites</b><br>Natural England  | January 2017   | Bi-Annually    |
| <b>Sites of Special Scientific Interest</b><br>Natural England  | April 2016     | Bi-Annually    |
| <b>Special Areas of Conservation</b><br>Natural England   | January 2017   | Bi-Annually    |
| <b>Special Protection Areas</b><br>Natural England  | January 2017   | Bi-Annually    |
| <b>World Heritage Sites</b><br>English Heritage - National Monument Record Centre                             | September 2015 | Bi-Annually    |

A selection of organisations who provide data within this report

| Data Supplier                          | Data Supplier Logo  |
|--|---|
| Ordnance Survey                        |    |
| Environment Agency                     |    |
| Scottish Environment Protection Agency |    |
| The Coal Authority                     |    |
| British Geological Survey              | <br>British Geological Survey<br>NATURAL ENVIRONMENT RESEARCH COUNCIL      |
| Centre for Ecology and Hydrology       | <br>Centre for Ecology & Hydrology<br>NATURAL ENVIRONMENT RESEARCH COUNCIL |
| Natural Resources Wales                |   |
| Scottish Natural Heritage              |    |
| Natural England                        |    |
| Public Health England                  |    |
| Ove Arup                               |    |
| Peter Brett Associates                 |    |





## Useful Contacts

| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth,<br>Nottingham, Nottinghamshire, NG12 5GG          | Telephone: 0115 936 3143<br>Fax: 0115 936 3276<br>Email: enquiries@bgs.ac.uk<br>Website: www.bgs.ac.uk                          |
| 2       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY   | Telephone: 03708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
| 3       | <b>Copeland Borough Council - Environmental Health Department</b><br>P O Box 19, Council Offices, Catherine Street, Whitehaven, Cumbria,<br>CA28 7NY                 | Telephone: 01946 852585<br>Fax: 01946 590123<br>Email: dev.env@copelandbc.gov.uk<br>Website: www.copelandbc.gov.uk              |
| 4       | <b>Cumbria County Council - Economy And Environment Department</b><br>Citadel Chambers, Citadel Row, Carlisle, Cumbria, CA3 8SG                                      | Telephone: 01228 606718<br>Website: www.cumbria.gov.uk  |
| 5       | <b>Health and Safety Executive</b><br>5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS  | Website: www.hse.gov.uk   |
| 6       | <b>The Coal Authority - Property Searches</b><br>200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG  | Telephone: 0345 762 6848<br>Fax: 01623 637 338<br>Email: groundstability@coal.gov.uk  |
| 7       | <b>Natural England</b><br>County Hall, Spetchley Road, Worcester, WR5 2NP  | Telephone: 0300 060 3900<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk                        |
| 8       | <b>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</b><br>Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire,<br>LS16 5QT | Telephone: 0113 2613333<br>Fax: 0113 230 0879   |
| -       | <b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b><br>Chilton, Didcot, Oxfordshire, OX11 0RQ                      | Telephone: 01235 822622<br>Fax: 01235 833891<br>Email: radon@phe.gov.uk<br>Website: www.ukradon.org                             |
| -       | <b>Landmark Information Group Limited</b><br>Imperium, Imperial Way, Reading, Berkshire, RG2 0TD   | Telephone: 0844 844 9952<br>Fax: 0844 844 9951<br>Email: customerservices@landmarkinfo.co.uk<br>Website: www.landmarkinfo.co.uk |

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

## Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

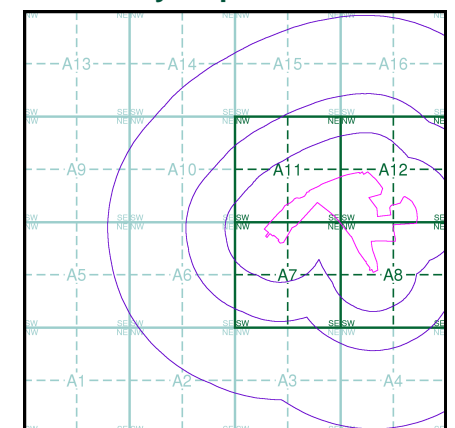
## Geological

- BGS Recorded Mineral Site

## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

## Site Sensitivity Map - Slice A



## Order Details

Order Number: 111372903\_1\_1  
Customer Ref: A090070-267  
National Grid Reference: 298370, 517970  
Slice: A  
Site Area (Ha): 22.69  
Search Buffer (m): 1000

## Site Details

Harras Moor, Whitehaven, CA28 6

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk













### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

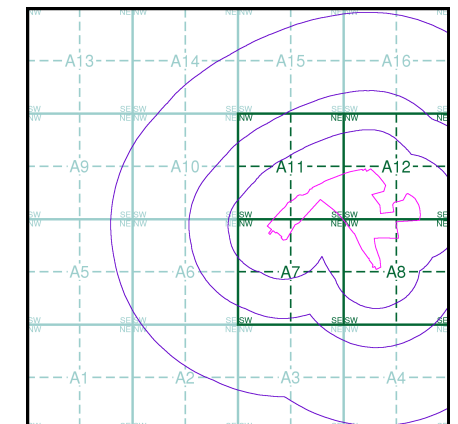
### Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

### Borehole Map - Slice A



### Order Details

Order Number: 111372903\_1\_1  
Customer Ref: A090070-267  
National Grid Reference: 298370, 517970  
Slice: A  
Site Area (Ha): 22.69  
Search Buffer (m): 1000

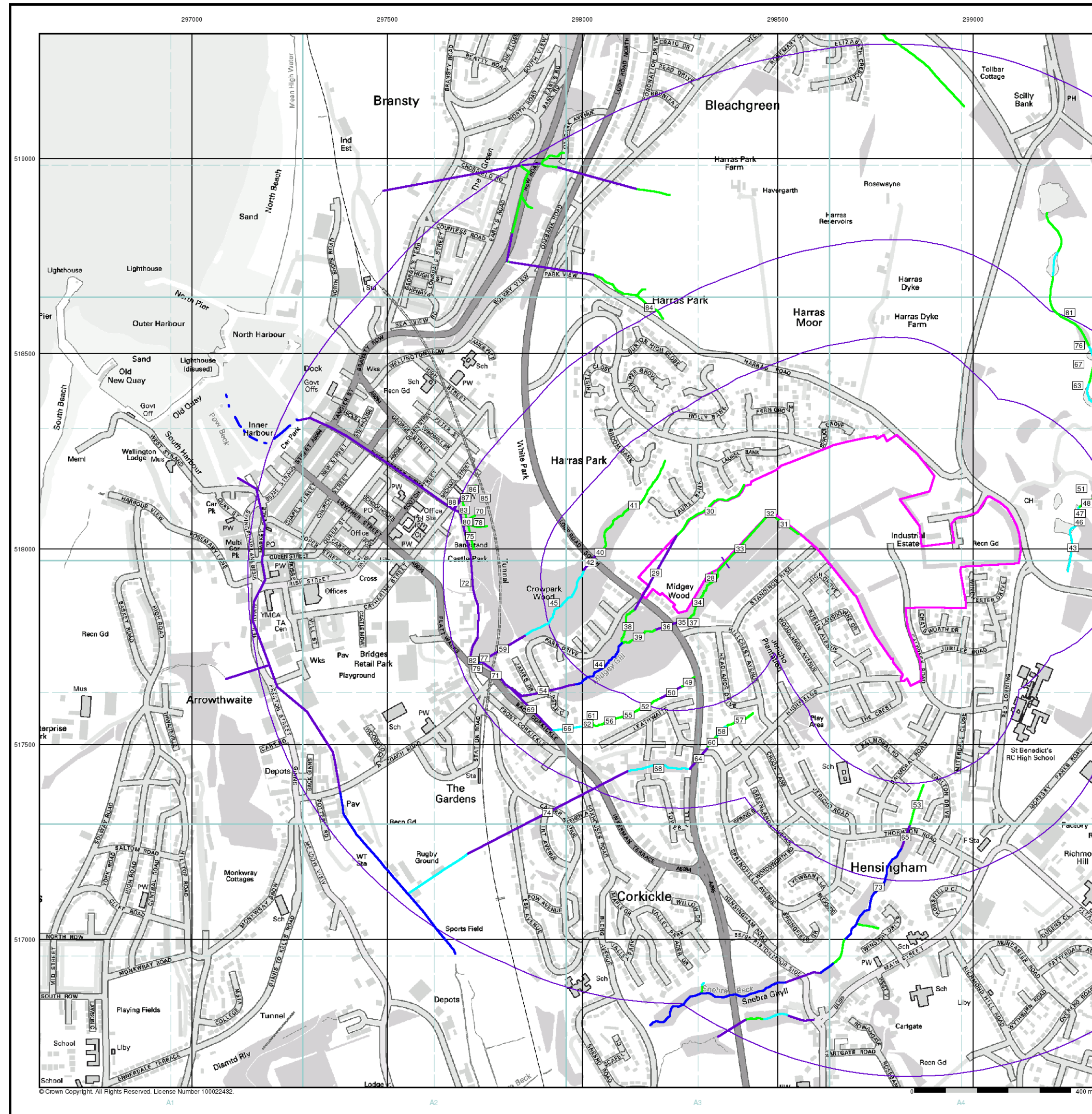
### Site Details

Harras Moor, Whitehaven, CA28 6

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)





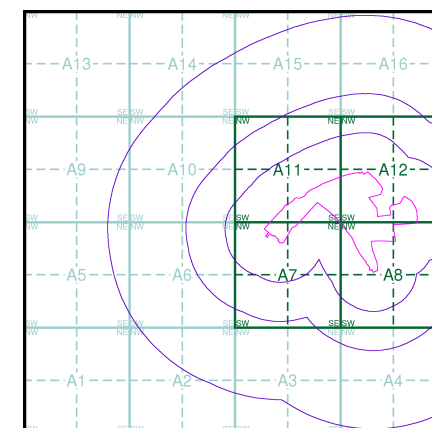
### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

### Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

### EANRW Detailed River Network Map - Slice A



### Order Details

Order Number: 111372903\_1\_1  
Customer Ref: A090070-267  
National Grid Reference: 298370, 517970  
Slice: A  
Site Area (Ha): 22.69  
Search Buffer (m): 1000

### Site Details

Harras Moor, Whitehaven, CA28 6

**Landmark**  
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