

**Thomas Consulting**



**PRELIMINARY RISK  
ASSESSMENT REPORT**

**LAND AT CHATBURN ROAD, CLITHEROE**

**FOR**

**OAKMERE HOMES (NORTHWEST) LTD**





**Design For Success**

Ref. P4559-01-R1  
October 2013



# THOMAS CONSULTING



|                           |  |
|---------------------------|--|
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# **1 Introduction**

## **1.1 Instruction**

This Contaminated Land Preliminary Risk Assessment (PRA) report is prepared on the instruction of Oakmere Homes (Northwest) Ltd to investigate and assess contamination issues pertaining to the site at Chatburn Road, Clitheroe.

At the time of writing it is understood that a planning application for the site has not been submitted to Ribble Valley Borough Council relating to the site. However, it is understood that the redevelopment of the site is for residential dwellings and it is assumed that these would include private gardens and car parking. This report has been prepared in support of this redevelopment.

This PRA report has been prepared in accordance with current guidance (National Planning Policy Framework<sup>1</sup>, CLR11<sup>2</sup> and BS10175<sup>3</sup>) and contains a review of the site history, environmental information and includes a site reconnaissance. This information is used to produce a contamination conceptual model for the site and recommendations for further work / assessment are made if required.

## **1.2 Limitations**

Thomas Consulting cannot be held responsible for the accuracy or content of responses, information, plans, etc. provided by third parties. It should be noted that Thomas Consulting cannot be held reliable for any changes to third party information or additional information that may come to light following issue of this report.

Changes to regulations, legislation and codes of practice may necessitate a partial or full reassessment of the conclusions and recommendations made in this report.

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<sup>1</sup> Department for Communities and Local Government (2012). "National Planning Policy Framework"

<sup>2</sup> Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11

<sup>3</sup> British Standard (2011). "Investigation of Potentially Contaminated Sites – Code of Practice." BS10175:2011

## **2 Site Location and Description**

The site is located northwest of Chatburn Road in Clitheroe. The site is currently used for grazing sheep.

The site is bounded to the:

- northwest by a railway line and watercourse.
- southwest by residential dwellings and Kiln Close
- southeast by Chatburn Road
- northwest by open land and a watercourse.

The site covers an area of approximately 2.62 hectares (6.5 acres) and is centred about National Grid Reference 375200 442990.

A site location plan is provided in Appendix 1.

Details regarding the current site layout can be found in Section 5.0.

This report is required in support of the redevelopment of the site for residential dwellings.

### 3 Site History

#### 3.1 Map Review

A review of historical mapping provided by the Landmark Information Group Ltd has been undertaken by Thomas Consulting and a summary is provided in Table 3-1 below.

Copies of relevant historical maps are provided in Appendix 2. Significant off site features located within 250m of the study site boundary have been noted (distances are approximate and taken from the nearest boundary unless noted otherwise).

| <b>Date/range<br/>scale</b>   | <b>On Site</b>  | <b>Off Site</b>   |
|---|---|---|
| 1847<br>1:10,560  | A watercourse is located on the north-western part of the site. Field boundaries are located on site. | The Blackburn Railway line is located on the north-western site boundary.<br>An unreferenced road is located on the south-eastern site boundary.  |
| 1886<br>1:2,500<br><br>1890<br>1:10,560<br>Lancashire<br>and Furness &<br>Yorkshire<br>sheets | A small structure is present on the eastern part of the site.   | The previously identified road on the south-eastern boundary is annotated as Chatburn Road.<br>Coplw Hill Works (lime) with associated quarries and lime kilns is located 25m north.<br>An old quarry filled with water is located 10m south on the Lancashire and Furness plan but is not shown on the Yorkshire plan.<br>Clitheroe Union Workhouse is located 80m east. |

Table 3-1: Site History at land at Chatburn Road, Clitheroe. Where a composite of maps is present ( ) denotes the unused map tile/s. \*only part of the site and surroundings shown.

| Date/range scale   | On Site    | Off Site  |
|--|------------|---|
| 1912<br>1:2,500<br><br>1914<br>1:10,560<br><br>1932<br>1:2,500 *<br><br>1933<br>1:10,560*<br><br>1938<br>1:10,560* | No change. | A large works building with chimney and tank has been constructed on the Coplow Hill Works site 190m northwest of the study site.<br><br>The previously identified old water filled quarry south is no longer indicated, however markings of cuttings remain.<br><br>A further railway line is located 245m southeast.  |
| 1955<br>1:10,000   | No change. | The previously identified Clitheroe Union Workhouse is annotated as Clitheroe Hospital.   |
| 1964 / 1965<br>1:2,500   | No change. | The previously identified Coplow Hill Works is annotated as Coplow Quarry (Disused) and is indicated as filled with water. The associated limekilns are no longer present. The works building remains.<br><br>The previously identified railway line southeast is no longer present.<br><br>Residential housing has been built 40m to the south and Clitheroe Grammar School (Girls) 100m to the southeast. |

Table 3-1 (continued): Site History at land at Chatburn Road, Clitheroe. Where a composite of maps is present ( ) denotes the unused map tile/s. \*only part of the site and surroundings shown.



| <b>Date/range<br/>scale</b>   | <b>On Site</b> | <b>Off Site</b>   |
|---|----------------|---|
| 1970 / 1977<br>1:2,500<br><br>1974<br>1:2,500   | No change.     | The cutting markings of the former quarry to the south of the site are no longer present. |
| 1972 / 1977*<br>1:10,000<br><br>1982 / 1988<br>(1990)<br>1:2,500                              | No change.     | The works building on the Coplow Quarry site is no longer present.                        |
| 1984 / 1989<br>(1981 / 1979)<br>1:2,500<br><br>1988*<br>1:2,500<br><br>1993 / 1994<br>1:2,500 | No change.     | Coplow Quarry is no longer indicated as being filled with water.                          |
| 1996 (1994 /<br>1997)*<br>1:2,500<br><br>1997<br>1:2,500                                      | No change      | Residential dwellings and Kiln Close are located on the south-western site boundary.      |
| 2006<br>1:10,000<br><br>2012<br>1:10,000  | No change.     | A lake is located 250m west.  |

Table 3-1 (continued): Site History at land at Chatburn Road, Clitheroe. Where a composite of maps is present ( ) denotes the unused map tile/s. \*only part of the site and surroundings shown.

## **4 Site Setting**

Thomas Consulting have obtained information from the Envirocheck Report, Ribble Valley Borough Council and the British Geological Survey (BGS) to identify the sites environmental setting.

The Envirocheck Report is provided in full in Appendix 3.

The environmental setting of the study site is provided below.

### **4.1 Geology**

The BGS indicates that the drift deposits underlying the site comprise Till which is an unsorted glacial sediment. In the Northwest of England the Tills consist largely of Clay with a mixture of sands and gravels up to boulder size.

The solid geology comprises the Clitheroe Limestone Formation and the Hodder Mudstone Formation (undifferentiated).

The Envirocheck Report has identified one BGS recorded mineral site within 250m. This is located 145m northwest known as Coplew for the abstraction of limestone by opencast methods. This site has ceased operation.

### **4.2 Radon**

The Envirocheck Report indicates that part of the site is located in an area affected by radon with between 10% and 30% of homes above the action level. Full radon protective measures will be necessary in the construction of new buildings or extensions.

It is recommended that a site specific Radon report is obtained from Public Health England prior to development.

### **4.3 Groundwater**

The Envirocheck Report indicates that the site is underlain by a Secondary A Aquifer.

Secondary A Aquifers may be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction they are important for local supplies and in supplying base flow to rivers.

The superficial deposits are indicated as unproductive strata.

The site is within an area of low leaching potential (L). Soils in which pollutants are unlikely to penetrate the soil layer because either water movement is largely horizontal, or they have the ability to attenuate diffuse pollutants. Lateral flow from these soils may contribute to groundwater recharge elsewhere in the catchment. They generally have high clay or organic matter contents.

The Envirocheck Report has not identified any groundwater abstractions within 250m of the site. The nearest to the site is located 294m north held by Tarmac Ltd for abstraction for dust suppression at Bankfield Quarry.

#### **4.4 Surface Water**

The nearest surface water feature is an un-named watercourse located on the north-western part of the site.

The Envirocheck Report has not identified any surface water abstractions within 1km of the study site. The nearest to the study site is located 1005m southwest held by Castle Castings Ltd for abstraction from Mearley Brook for industrial cooling. This licence has been revoked.

The Envirocheck Report has identified four pollution incidents to controlled waters within 250m. This nearest to the study site was located 51m southwest and occurred in 1995 involving the release of sewage to a tributary of Pimlico Brook due to a wrong connection. The incident was classified as a Category 2-Significant Incident.

The Envirocheck Report has not identified any discharge consents within 250m of the study site. The nearest to the study site is located 486m west held by I.C.I. Chemicals & Polymers Ltd for trade effluent discharge to Cemetery Beck.

The Envirocheck Report indicates that the northern and western parts of the site are located in Flood Zone 2 and Flood Zone 3. It is recommended that a flood risk assessment is undertaken for the site.

#### **4.5 Landfill Sites and Waste Management Facilities**

The Envirocheck Report has identified a registered landfill site 20m northwest known as Coplow Quarry operated by Castle Cement Ltd. The site accepted pelletised alkaline residue, standard clinker / kiln coatings, uncontaminated soil, clay, natural sand, rock, slate, glass, concrete, brick and ceramic. This site is also listed as a licensed waste management facility.

Ribble Valley Borough Council has no information on this landfill site.

A review of historical mapping by Thomas Consulting has identified one area of potential infilling within 250m of the study site. This is a former quarry located 10m south of the site and was potentially infilled by the 1970 mapping.

#### **4.6 Sensitive Land Uses**

The Envirocheck Report has identified a Site of Special Scientific Interest (SSSI) 19m northwest known as Coplow Quarry. A further SSSI is located 260m southeast known as Salthill and Bellmanpark Quarries this site is also listed as a Local Nature Reserve.

#### **4.7 Contemporary Trade Directory Entries**

The Envirocheck Report has identified eight entries on the Contemporary Trade Directory within 250m of the study site. The nearest to the study site is located 53m southwest held by Wheeliewheelieclean for wheelie bin cleaning. This entry is listed as inactive.

## **5 Site Reconnaissance**

A site reconnaissance was undertaken on the 2<sup>nd</sup> May 2013. Photographs are provided in Appendix 5.

The site is accessed from Chatburn Road. The site is vegetated land currently used for grazing sheep. The sight slopes down to the northwest. A small old stone built animal enclosure is located on the south-eastern part of the site. A new temporary pen made from wooden fencing and corrugated metal panels and gate is present adjacent to the stone structure. A small corrugated metal structure with roof is also present in this area. A stockpile of corrugated metal sheets and wooden fencing is also present in this area of the site.

Four drainage ditches with pipe outlet run from southeast to northwest towards the watercourse on the northern part of the site and north-western site boundary. These drainage ditches are lined with trees. The channels are currently dry with the exception of a small amount of water in the channel on the southern part of the site. The water in this channel has a hydrocarbon sheen and may be run-off from Chatburn Road. Some litter was present on the western part of the site which may have been washed down this drainage channel during periods of wet weather.

The small watercourse on the northern part of the site has two areas of marsh adjacent to it. There is a small wooden bridge which crosses the watercourse. A stockpile of tree branches and organic material is present on the northern part of the site adjacent to the watercourse. An empty plastic container was also found in this area.

The railway line along the north-western boundary is located on an embankment at a higher elevation to the study site.

## **5 Preliminary Contamination Conceptual Model**

The aim of the conceptual model is to provide a preliminary assessment of the likelihood of a pollutant linkage for each potential combination of contaminant, pathway and receptor. Potential contaminants, pathways and receptors are discussed in the following sections as described in CLR11<sup>4</sup>. An assessment of the potential pollutant linkages is then provided.

### **6.1 Potential Contamination**

#### **6.1.1 On-site sources**

A watercourse and field boundaries have been present on site from the earliest mapping. A small structure was added from the 1886 mapping which remains to the present day and is an animal pen. The site is currently used for grazing sheep.

Heavy metals, sulphate and nutrients such as nitrate and phosphate are potential contaminants associated with manure from the sites use for grazing sheep. However, this risk from this land use is considered to be low.

Ash and clinker are common constituents of Made Ground as historically this type of waste was abundant and therefore often used in site levelling and raising and/or to improve soil drainage. Contaminants, often contained within ash and clinker, include heavy metals and Polycyclic Aromatic Hydrocarbons (PAHs)<sup>5</sup>. Depending of the nature of the combusted coal, soluble sulphate may also be present.

Hazardous gas generation can occur from Made Ground or naturally deposited organic materials on the site, however this is strongly dependant upon its quantity and composition. At this stage hazardous gas generation from the soils on site is considered possible.

Elevated levels of radon are also considered to be a potential issue for the site.

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<sup>4</sup> Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11

<sup>5</sup> Defra (2002). "Potential Contaminants for the Assessment of Land." R&D Publication CLR 8

### **6.1.2 Off-site sources**

Several potentially contaminative land-uses have been identified within 250m of the study site including a railway line, lime works, quarries and a hospital.

The railway land industry profile<sup>6</sup> indicates that potential contaminants associated with this land use may include heavy metals, polycyclic aromatic hydrocarbons (PAHs), ethylene glycol and herbicides. In addition, CLR8<sup>7</sup> indicates that vanadium may also be present associated with this land use. Although CLR8 has been withdrawn it is still considered to provide a useful indication of potential contaminants.

One landfill site and one area of potential infilling have been identified within 250m of the study site. These areas are considered to pose a risk to the study site.

## **6.2 Potential Pathways**

### **6.2.1 Inhalation Pathways**

Potential pathways by which there may be risk of significant harm occurring to human health includes the indoor and outdoor Inhalation of dust, vapours and gas originating from a contamination source. These pathways should be considered possible.

### **6.2.2 Ingestion and Dermal Contact Pathways**

Potential pathways by which there might be risk of significant harm occurring to human health includes the ingestion of, and dermal contact with contaminated soil and soil-derived indoor dust. This includes the ingestion of contaminated vegetables and soils adhering to vegetables. Also the ingestion of tainted water supply is considered a potential pathway.

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<sup>6</sup> DoE (1995). "Railway land". Industry Profile

<sup>7</sup> EA (2002). "Potential Contaminants for the Assessment of Land." R&D Publication CLR 8

### **6.2.3** *Groundwater and Surface Water*

There is potential for contaminants to migrate to and within groundwater, therefore groundwater is considered as a potential pathway. Surface water is also considered a potential pathway due to the watercourse located on the study site.

### **6.2.4** *Migration through Permeable Strata*

The potential for contaminants and vapours to migrate through the subsurface depends on a number of factors including the permeability of the underlying strata.

The site is underlain by Till. This deposit has the potential to impede the migration of contaminants to and from the study site.

## **6.3 Potential Receptors**

### **6.3.1** *Human Receptors*

Future residents of the proposed development are considered to be potential receptors for this site.

Construction workers can also have short term exposure to contaminants and appropriate provision of personal protective equipment (PPE) and welfare facilities need to be considered during any construction phases.

The principal contractor will need to draft appropriate construction phase risk assessments in accordance with CDM regulations. Given the above construction workers are not considered within the conceptual model.

### **6.3.2** *Controlled Water Environment*

The site is underlain by a Secondary A Aquifer therefore groundwater is considered as a receptor. Surface water is also considered a potential receptor as a watercourse is located on site.



### *6.3.3 Site Construction*

Future site buildings and services can be considered as potential receptors as for example soluble sulphate and ammonia (from animal waste) can have a detrimental effect on concrete. In addition, methane can potentially build up to explosive levels within confined spaces.

### *6.3.4 Vegetation*

Vegetation in proposed gardens and soft landscaped areas are considered a potential receptor.

## **6.4 Preliminary Contamination Conceptual Model**

The preliminary contamination conceptual model is illustrated in Table 6-1 below. The PRA has identified six generic potential pollutant linkages, each of which are considered possible at this stage. This conceptual model is prepared using contaminant-pathway-receptor pollutant linkages. The premise is that if there is no pollutant linkage present then there will be no risk to the receptor<sup>8</sup>.

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<sup>8</sup> Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11

| <b><u>Linkage No.</u></b> | <b><u>Potential Contaminants</u></b> | <b><u>Potential Pathways</u></b>  | <b><u>Potential Receptor(s)</u></b>  | <b><u>Potential Pollutant Linkage?</u></b> |
|---------------------------|--------------------------------------|---|--|--|
| 1                         | Inorganics and organics              | <ul style="list-style-type: none"> <li>Inhalation of dust (indoors and outdoors)</li> <li>Ingestion of soil and soil derived dust</li> <li>Dermal contact with soil/ soil derived dust</li> </ul> | <ul style="list-style-type: none"> <li>Human health</li> </ul>   | ✓  |
| 2                         | Organics                             | <ul style="list-style-type: none"> <li>Inhalation of vapours</li> </ul>   | <ul style="list-style-type: none"> <li>Human health</li> </ul>   | ✓  |
| 3                         | Inorganics and organics              | <ul style="list-style-type: none"> <li>Groundwater migration</li> <li>Perched waters migration on site</li> </ul>   | <ul style="list-style-type: none"> <li>Groundwater</li> <li>Surface water</li> <li>Site buildings</li> </ul> | ✓  |
| 4                         | Organics                             | <ul style="list-style-type: none"> <li>Permeation to potable water supplies</li> </ul>  | <ul style="list-style-type: none"> <li>Human health</li> </ul>   | ✓  |
| 5                         | Hazardous and ground gas             | <ul style="list-style-type: none"> <li>Inhalation of hazardous gas</li> <li>Migration into buildings</li> </ul>   | <ul style="list-style-type: none"> <li>Human health</li> <li>Site buildings</li> </ul>                       | ✓  |
| 6                         | Inorganics                           | <ul style="list-style-type: none"> <li>Uptake by vegetation</li> </ul>  | <ul style="list-style-type: none"> <li>Vegetation in landscaped areas</li> </ul>                             | ✓  |

**Table 6-1 Preliminary Contamination Conceptual Model.**

Key: ✓ - pollutant linkage possible / identified

## **6 Conclusions**

The study has not found any past land uses that might give rise to elevated levels of industrial contamination. The report identified that all past land uses have been agricultural in nature. There are possible contaminants associated with agricultural usage, including heavy metals, sulphate, PAHs, nitrate and phosphate.

A railway line is located on the north-western site boundary. Contaminants from this land use such as heavy metals, PAHs, ethylene glycol and herbicides may have migrated on to the study site.

Carbon dioxide and methane are considered potential contaminants from the soils on site and areas of potential infilling within 250m. The site has been identified as being at risk from elevated levels of radon.

The preliminary contamination conceptual model has identified six pollutant linkages that are currently considered possible.

Thomas Consulting consider that sufficient information is available for a valid conceptual site model to be completed.

The conceptual site model has not identified any pollutant linkages which would preclude development of the site without appropriate remedial works being undertaken.

Further details of the recommended site investigation are provided in Section 7.

## 7 Recommendations

Thomas Consulting recommend that a site investigation is undertaken prior to development of the site. In order to address potential pollutant linkages 1, 2, 4 and 6 solid samples should be collected from trial pits and/or boreholes undertaken and subjected to appropriate chemical analyses based upon a broad range of contaminants, including those identified in Section 6.1. The investigation should follow guidance set out in BS10175<sup>9</sup> and BS5930<sup>10</sup>. Full details of the proposed site investigation should be forwarded to the Local Authority for approval prior to site works starting.

Pollutant linkage 3 may be investigated by the sampling and chemical analysis of any groundwater on site or by testing for any leachable contamination in the soils on site. This will be dependent upon prevailing site conditions.

Gas monitoring is recommended to address potential pollutant linkage 5 of hazardous gas migration into the proposed buildings on site. Given the details of the landfill obtained and the observations from the historical plans it is not considered that these are likely to produce such quantities of gas that would preclude the development of the site. Consequently, any boreholes drilled on the site should be converted to monitoring wells and investigated over a suitable period recommended in CIRIA C665<sup>11</sup>. As a minimum gas monitoring would likely be over a three month period with at least six gas monitoring visits under worst case temporal / barometric conditions. This would allow the detailed hazardous gas protection measures to be specified. The monitoring timescales will need to be agreed beforehand with the Local Authority.

Full Radon protection measures will be required to be installed the proposed buildings on site. The installation of these measures should be appropriately validated. It is recommended that a site specific Radon report is obtained from Public Health England prior to development.

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<sup>9</sup> British Standard (2011). "Investigation of Potentially Contaminated Sites – Code of Practice." BS10175:2011

<sup>10</sup> British Standard (1999+A2:2010). "Code of Practice for Site Investigations." BS5930:1999+A2:2010

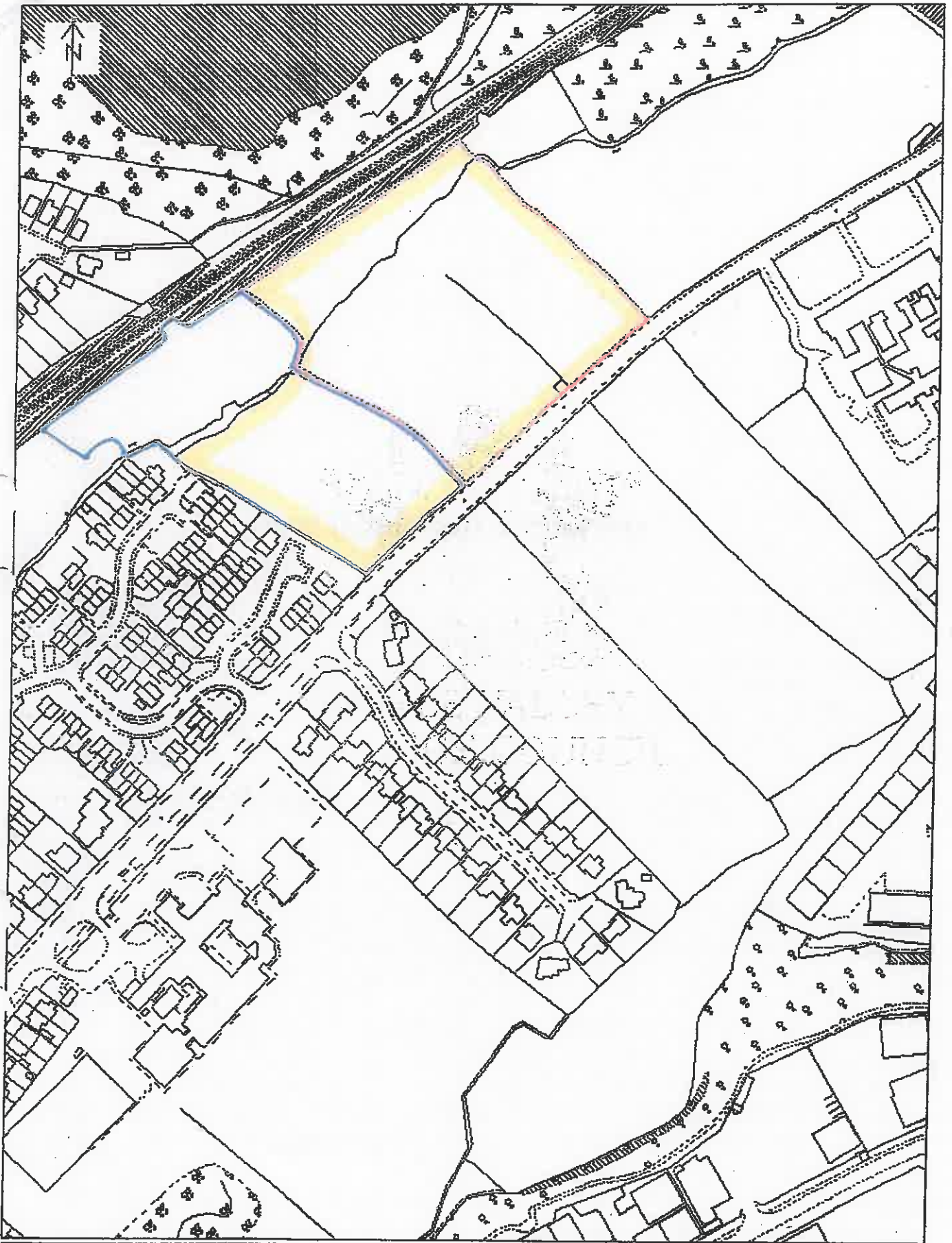
<sup>11</sup> CIRIA (2007). "Assessing Risks Posed by Hazardous Ground Gases to Buildings." CIRIA C665

It should be noted that exploratory holes may also be utilised to provide appropriate geotechnical information on sub-surface conditions.

This investigation should then delineate any existing areas of potential contamination and identify and characterise any contaminants encountered. In conjunction with appropriate geotechnical observations and testing information from this investigation can then be used to provide a more detailed assessment of the identified pollutant linkages, provide appropriate foundation solutions and other geotechnical issues. By assessing the chemical and geotechnical testing it would be possible to identify appropriate remedial measures to ensure that the site is made suitable for its proposed end use.

A copy of this report should be submitted to the Local Authority for their approval of these recommendations.

## **APPENDIX 1: SITE PLAN**



Site 142 Adjacent Kirk Close, Chatburn Road, Clitheroe

Scale: 1:2500 SD7542NW Do not scale from this plan. ©Crown Copyright. All rights reserved. Licence No. 100018641 March 2009

## **APPENDIX 2: HISTORICAL MAPS**



**APPENDIX 3: ENVIROCHECK REPORT**

## Envirocheck<sup>®</sup> Report: Datasheet

### Order Details:

**Order Number:**  
45506389\_1\_1

**Customer Reference:**  
P4559

**National Grid Reference:**  
375200, 442990

**Slice:**  
A

**Site Area (Ha):**  
2.62

**Search Buffer (m):**  
1000

### Site Details:

Chatburn Road  
Clitheroe  
BB7 2EQ

### Client Details:

Ms M Pickford  
Thomas Consulting Ltd  
32 Eaton Avenue  
Matrix Park  
Buckshaw Village  
Chorley  
Lancashire  
PR7 7NA

| Report Section        | Page Number |
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**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 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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**Radon Potential dataset Copyright Notice**

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

**Report Version v47.0**

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|---|-------------|---------|-----------|-------------|--------------------------------|
| <b>Agency &amp; Hydrological</b>                              |             |         |           |             |                                |
| Contaminated Land Register Entries and Notices                |             |         |           |             |                                |
| Discharge Consents  | pg 1        |         |           | 1           | 5                              |
| Enforcement and Prohibition Notices                           | pg 2        |         |           | 1           | 2                              |
| Integrated Pollution Controls                                 | pg 2        |         |           | 5           | 18                             |
| Integrated Pollution Prevention And Control                   | pg 6        |         |           | 4           | 15                             |
| Local Authority Integrated Pollution Prevention And Control   |             |         |           |             |                                |
| Local Authority Pollution Prevention and Controls             | pg 11       |         |           | 5           | 9                              |
| Local Authority Pollution Prevention and Control Enforcements |             |         |           |             |                                |
| Nearest Surface Water Feature                                 | pg 12       | Yes     |           |             |                                |
| Pollution Incidents to Controlled Waters                      | pg 13       |         | 4         | 15          | 56                             |
| Prosecutions Relating to Authorised Processes                 | pg 25       |         |           |             | 5                              |
| Prosecutions Relating to Controlled Waters                    | pg 26       |         |           |             | 2                              |
| Registered Radioactive Substances                             | pg 26       |         |           | 1           |                                |
| River Quality   | pg 26       |         | 1         |             | 2                              |
| River Quality Biology Sampling Points                         |             |         |           |             |                                |
| River Quality Chemistry Sampling Points                       | pg 27       |         |           |             | 1                              |
| Substantiated Pollution Incident Register                     | pg 27       |         |           |             | 2                              |
| Water Abstractions  | pg 28       |         |           | 3           | 1 (*6)                         |
| Water Industry Act Referrals                                  |             |         |           |             |                                |
| Groundwater Vulnerability                                     | pg 30       | Yes     | n/a       | n/a         | n/a                            |
| Bedrock Aquifer Designations                                  | pg 30       | Yes     | n/a       | n/a         | n/a                            |
| Superficial Aquifer Designations                              | pg 30       | Yes     | n/a       | n/a         | n/a                            |
| Source Protection Zones                                       |             |         |           |             |                                |
| Extreme Flooding from Rivers or Sea without Defences          | pg 30       | Yes     | Yes       | n/a         | n/a                            |
| Flooding from Rivers or Sea without Defences                  | pg 30       | Yes     | 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                            |
| <b>Waste</b>  |             |         |           |             |                                |
| BGS Recorded Landfill Sites                                   | pg 32       |         |           | 1           |                                |
| Historical Landfill Sites                                     | pg 32       |         |           | 1           | 2                              |
| Integrated Pollution Control Registered Waste Sites           |             |         |           |             |                                |
| Licensed Waste Management Facilities (Landfill Boundaries)    | pg 32       |         | 1         |             |                                |
| Licensed Waste Management Facilities (Locations)              | pg 33       |         | 1         | 2           | 1                              |
| Local Authority Recorded Landfill Sites                       |             |         |           |             |                                |
| Registered Landfill Sites                                     | pg 34       |         | 3         |             | 1                              |
| Registered Waste Transfer Sites                               | pg 35       |         |           |             | 1                              |
| Registered Waste Treatment or Disposal Sites                  | pg 35       |         |           | 1           |                                |

| Data Type   | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|---|-------------|---------|-----------|-------------|--------------------------------|
| <b>Hazardous Substances</b>   |             |         |           |             |                                |
| Control of Major Accident Hazards Sites (COMAH)                     | pg 36       |         |           | 1           |                                |
| Explosive Sites   |             |         |           |             |                                |
| Notification of Installations Handling Hazardous Substances (NIHHS) |             |         |           |             |                                |
| Planning Hazardous Substance Consents                               | pg 36       |         |           | 2           |                                |
| Planning Hazardous Substance Enforcements                           |             |         |           |             |                                |
| <b>Geological</b>   |             |         |           |             |                                |
| BGS 1:625,000 Solid Geology   | pg 37       | Yes     | n/a       | n/a         | n/a                            |
| BGS Estimated Soil Chemistry  | pg 37       | Yes     | Yes       | Yes         | Yes                            |
| BGS Recorded Mineral Sites  | pg 48       |         | 1         | 4           | 12                             |
| BGS Urban Soil Chemistry  |             |         |           |             |                                |
| BGS Urban Soil Chemistry Averages                                   |             |         |           |             |                                |
| Brine Compensation Area   |             |         | n/a       | n/a         | n/a                            |
| Coal Mining Affected Areas  |             |         | n/a       | n/a         | n/a                            |
| Mining Instability  |             |         | n/a       | n/a         | n/a                            |
| Man-Made Mining Cavities  |             |         |           |             |                                |
| Natural Cavities  |             |         |           |             |                                |
| Non Coal Mining Areas of Great Britain                              | pg 51       | Yes     | Yes       | n/a         | n/a                            |
| Potential for Collapsible Ground Stability Hazards                  | pg 51       | Yes     | Yes       | n/a         | n/a                            |
| Potential for Compressible Ground Stability Hazards                 |             |         |           | n/a         | n/a                            |
| Potential for Ground Dissolution Stability Hazards                  | pg 51       | Yes     | Yes       | n/a         | n/a                            |
| Potential for Landslide Ground Stability Hazards                    | pg 51       | Yes     | Yes       | n/a         | n/a                            |
| Potential for Running Sand Ground Stability Hazards                 | pg 52       | Yes     | Yes       | n/a         | n/a                            |
| Potential for Shrinking or Swelling Clay Ground Stability Hazards   | pg 52       | Yes     | Yes       | n/a         | n/a                            |
| Radon Potential - Radon Affected Areas                              | pg 52       | Yes     | n/a       | n/a         | n/a                            |
| Radon Potential - Radon Protection Measures                         | pg 52       | Yes     | n/a       | n/a         | n/a                            |
| <b>Industrial Land Use</b>  |             |         |           |             |                                |
| Contemporary Trade Directory Entries                                | pg 53       |         | 8         | 27          | 50                             |
| Fuel Station Entries  | pg 60       |         |           | 1           | 1                              |

| Data Type                            | Page Number | On Site | 0 to 250m | 251 to 500m | 501 to 1000m<br>(*up to 2000m) |
|--------------------------------------|-------------|---------|-----------|-------------|--------------------------------|
| <b>Sensitive Land Use</b>            |             |         |           |             |                                |
| Areas of Adopted Green Belt          |             |         |           |             |                                |
| Areas of Unadopted Green Belt        |             |         |           |             |                                |
| Areas of Outstanding Natural Beauty  |             |         |           |             |                                |
| Environmentally Sensitive Areas      |             |         |           |             |                                |
| Forest Parks                         |             |         |           |             |                                |
| Local Nature Reserves                | pg 61       |         |           | 2           |                                |
| Marine Nature Reserves               |             |         |           |             |                                |
| National Nature Reserves             |             |         |           |             |                                |
| National Parks                       |             |         |           |             |                                |
| Nitrate Sensitive Areas              |             |         |           |             |                                |
| Nitrate Vulnerable Zones             |             |         |           |             |                                |
| Ramsar Sites                         |             |         |           |             |                                |
| Sites of Special Scientific Interest | pg 61       |         | 1         | 1           |                                |
| Special Areas of Conservation        |             |         |           |             |                                |
| Special Protection Areas             |             |         |           |             |                                |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 1      | <b>Discharge Consents</b><br>Operator: I.C.I. Chemicals & Polymers Ltd<br>Property Type: Basic Industry, Chemicals Organic<br>Location: Clitheroe Works Pimlico Industrial Area, West Bradford Road, Clitheroe, Lancashire<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 017190511<br>Permit Version: 1<br>Effective Date: 23rd December 1994<br>Issued Date: 23rd December 1994<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Effluent Discharge-Site Drainage<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Cemetery Beck<br>Status: Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m | A12SE (W)                              | 486                          | 1       | 374800<br>442895 |
| 2      | <b>Discharge Consents</b><br>Operator: Tarmac Limited<br>Property Type: Extraction Of Stone, Gravel Etc.<br>Location: Bankfield Quarry, Clitheroe, Lancashire<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 017190056<br>Permit Version: 1<br>Effective Date: 1st September 1979<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Tributary River Ribble<br>Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989<br>Positional Accuracy: Located by supplier to within 100m   | A19SW (NE)                             | 682                          | 1       | 375850<br>443450 |
| 3      | <b>Discharge Consents</b><br>Operator: 3m Neotechnic Limited<br>Property Type: Sewage Disposal Works - Other<br>Location: 3m Neotechnic Lyd, Up Brooks, Clitheroe, Lancashire<br>Authority: Environment Agency, North West Region<br>Catchment Area: Mearley Brook<br>Reference: 017190651<br>Permit Version: 1<br>Effective Date: 10th January 2000<br>Issued Date: 10th January 2000<br>Revocation Date: 28th September 2005<br>Discharge Type: Trade Discharges - Cooling Water<br>Discharge: Drain<br>Environment:<br>Receiving Water: Mearley Brook (Surface Drain)<br>Status: Authorisation revoked<br>Positional Accuracy: Located by supplier to within 10m   | A8SW (S)                               | 689                          | 1       | 375120<br>442200 |
| 4      | <b>Discharge Consents</b><br>Operator: Tarmac Building Products Limited<br>Property Type: Trade (Unknown/Other)<br>Location: Pendle Trading Estate, Chatburn, Clitheroe, Lancashire<br>Authority: Environment Agency, North West Region<br>Catchment Area: Not Given<br>Reference: 017190415<br>Permit Version: 1<br>Effective Date: 28th July 1992<br>Issued Date: Not Supplied<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Effluent Discharge-Site Drainage<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Pimlico Brook<br>Status: Post National Rivers Authority Legislation where issue date > 31/08/1989<br>Positional Accuracy: Located by supplier to within 100m  | A19SE (E)                              | 958                          | 1       | 376200<br>443400 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 5      | <b>Discharge Consents</b><br>Operator: Castle Cement (Ribblesdale) Limited<br>Property Type: Extraction Of Stone, Gravel, Etc - Abandoned<br>Location: Bellman Quarry, Ribblesdale Works, Clitheroe, Lancashire, Bb7 4qf<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ribble<br>Reference: 017190882<br>Permit Version: 1<br>Effective Date: 1st February 2006<br>Issued Date: 17th November 2005<br>Revocation Date: Not Supplied<br>Discharge Type: Trade Discharge - Process Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Worston Brook<br>Status: <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                          | A9NE (SE)                              | 989                          | 1       | 376190<br>442540 |
| 6      | <b>Discharge Consents</b><br>Operator: Tarmac Building Products Limited<br>Property Type: Extraction Of Stone, Gravel Etc.<br>Location: Chatburn Bagging Plant (Lagoons) Clitheroe Road, Chatburn, Clitheroe, Lancashire, Bb7 4jy<br>Authority: Environment Agency, North West Region<br>Catchment Area: Ribble<br>Reference: 017190719<br>Permit Version: 1<br>Effective Date: 4th August 2002<br>Issued Date: 4th August 2002<br>Revocation Date: Not Supplied<br>Discharge Type: Discharge Of Other Matter-Surface Water<br>Discharge: Freshwater Stream/River<br>Environment:<br>Receiving Water: Pimlico Brook Trib. Ribble<br>Status: <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 | A19SE (NE)                             | 991                          | 1       | 376200<br>443480 |
| 7      | <b>Enforcement and Prohibition Notices</b><br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Permit Reference: Not Given<br>Enforcement Date: 23rd August 1995<br>Details: Press Release HM289, Unauthorised release of metal-bearing particulate matter from dryer exhaust; under EPA90.<br>Positional Accuracy: Unknown   | A12NE (NW)                             | 463                          | 1       | 374697<br>443226 |
| 8      | <b>Enforcement and Prohibition Notices</b><br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Permit Reference: NOT GIVEN<br>Enforcement Date: 1st February 2000<br>Details: EA Data 01/02/2000, After complaints from local residents, company required to monitor areas around site to ensure it does not breach condition of operating authorisation (outlawing persistent & offensive odours or haze beyond site boundary)<br>Positional Accuracy: Manually positioned to the address or location   | A17SE (NW)                             | 667                          | 1       | 374839<br>443650 |
| 8      | <b>Enforcement and Prohibition Notices</b><br>Location: Ribblesdale Plant, West Bradford Road, Clitheroe, Lancashire, Bb7 4qf<br>Permit Reference: Not Given<br>Enforcement Date: 27th November 2001<br>Details: Exceeding Limits In The Amounts Of Metals Permitted In Emmissions From The Site<br>Positional Accuracy: Manually positioned to the address or location  | A17NE (NW)                             | 691                          | 1       | 374847<br>443684 |
| 9      | <b>Integrated Pollution Controls</b><br>Name: Synetix Ltd<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: AN8437<br>Dated: 23rd March 1995<br>Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br>Description: 4.5 A (D) Inorganic Chemical processes within the Chemical Industry<br>Status: <b>Authorisation superseded by a substantial or non substantial variation Superseded</b><br>Positional Accuracy: Unknown  | A12NE (NW)                             | 457                          | 1       | 374702<br>443221 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 9      | <b>Integrated Pollution Controls</b><br>Name: Imperial Chemical Industries Plc<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: AH8409<br>Dated: 12th February 1993<br>Process Type: Application since found to be exempt from IPC<br>Description: 4.5 A (A) Inorganic Chemical processes within the Chemical Industry<br>Status: Application since found to be exempt from IPCExempt<br>Positional Accuracy: Automatically positioned to the address | A12NE (NW)                             | 461                          | 1       | 374697<br>443221 |
| 9      | <b>Integrated Pollution Controls</b><br>Name: Syntex Ltd<br>Location: West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: BG9307<br>Dated: 2nd September 1999<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 4.5 A (D) Inorganic Chemical processes within the Chemical Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address                      | A12NE (NW)                             | 464                          | 1       | 374697<br>443226 |
| 9      | <b>Integrated Pollution Controls</b><br>Name: Syntex Ltd<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: BD8959<br>Dated: 24th November 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 4.5 A (D) Inorganic Chemical processes within the Chemical Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Unknown            | A12NE (NW)                             | 464                          | 1       | 374692<br>443216 |
| 9      | <b>Integrated Pollution Controls</b><br>Name: Syntex Ltd<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: AY2478<br>Dated: 6th August 1997<br>Process Type: IPC major (substantial) variation<br>Description: 4.5 A (D) Inorganic Chemical processes within the Chemical Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Unknown   | A12NE (NW)                             | 466                          | 1       | 374692<br>443221 |
| 10     | <b>Integrated Pollution Controls</b><br>Name: Syntex Ltd<br>Location: West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: B18309<br>Dated: 25th October 2001<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 4.5 A (D) Inorganic Chemical processes within the Chemical Industry<br>Status: Revoked - Now IPPC<br>Positional Accuracy: Manually positioned to the road within the address or location  | A17SE (NW)                             | 610                          | 1       | 374718<br>443491 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AX6044<br>Dated: 18th December 1997<br>Process Type: IPC major (substantial) variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address   | A17SE (NW)                             | 650                          | 1       | 374844<br>443633 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR           |
|--------|--|--|------------------------------|---------|---------------|
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AX6273<br>Dated: 5th February 1997<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 651                          | 1       | 374849 443638 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AV7317<br>Dated: 31st May 1996<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address      | A17SE (NW)                             | 653                          | 1       | 374839 443633 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BG2060<br>Dated: 7th June 1999<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address                          | A17SE (NW)                             | 654                          | 1       | 374844 443637 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AR9435<br>Dated: 23rd January 1996<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 654                          | 1       | 374844 443638 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BE7516<br>Dated: 31st August 1999<br>Process Type: IPC major (substantial) variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address                             | A17SE (NW)                             | 657                          | 1       | 374839 443637 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AN7341<br>Dated: 9th September 1994<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br><b>Status:</b> Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW)                             | 657                          | 1       | 374839 443638 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AZ4862<br>Dated: 2nd August 1997<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address                     | A17SE (NW)                             | 658                          | 1       | 374844<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works,, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bk4278<br>Dated: 6th August 2001<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Revoked - Now IPPC<br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: B17984<br>Dated: 30th June 2000<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: B13407<br>Dated: 17th April 2000<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: AM7800<br>Dated: 31st March 1994<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works,, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: B11389<br>Dated: 15th February 2001<br>Process Type: IPC major (substantial) variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: Authorisation superseded by a substantial or non substantial variationSuperseded<br>Positional Accuracy: Automatically positioned to the address                       | A17SE (NW)                             | 662                          | 1       | 374839<br>443643 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BJ0099<br>Dated: 22nd January 2001<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address   | A17SE (NW)                             | 662                          | 1       | 374839<br>443643 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: A12813<br>Dated: 19th November 1993<br>Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address   | A17SE (NW)                             | 662                          | 1       | 374844<br>443648 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BH5684<br>Dated: 15th December 1999<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 665                          | 1       | 374839<br>443648 |
| 11     | <b>Integrated Pollution Controls</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BD8240<br>Dated: 24th November 1998<br>Process Type: IPC minor (non-substantial) variation to previous variation<br>Description: 3.1 A (A) Cement/Lime manufacture and associated processes within the Mineral Industry<br>Status: <b>Authorisation superseded by a substantial or non substantial variationSuperseded</b><br>Positional Accuracy: Automatically positioned to the address  | A17SE (NW)                             | 668                          | 1       | 374834<br>443648 |
| 12     | <b>Integrated Pollution Prevention And Control</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Catalyst Factory, Pimlico Industrial Area, Clitheroe Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: LP3830GW<br>Original Permit Ref: B18406ig<br>Effective Date: 27th April 2009<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Manually positioned within the geographical locality<br>Activity Code: 4.2 A(1) (A) (V)<br>Activity Description: Inorganic Chemicals; Non Metals Etc Eg Calcium Carbide<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (IV)<br>Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride<br>Primary Activity: Y | A12NE (NW)                             | 463                          | 1       | 374897<br>443225 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 12     | <b>Integrated Pollution Prevention And Control</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Catalyst Factory, Pimlico Industrial Area, Clitheroe Works, West Bradford Road,, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: SP3530GA<br>Original Permit Ref: B18406ig<br>Effective Date: 14th February 2009<br>Status: Superseded By Variation<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Manually positioned within the geographical locality<br>Activity Code: 4.2 A(1) (A) (V)<br>Activity Description: Inorganic Chemicals; Non Metals Etc Eg Calcium Carbide<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (IV)<br>Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride<br>Primary Activity: Y        | A12NE (NW)                             | 463                          | 1       | 374697<br>443225 |
| 12     | <b>Integrated Pollution Prevention And Control</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Catalyst Factory, Pimlico Industrial Area, Clitheroe Works, West Bradford Road,, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: ZP3334UR<br>Original Permit Ref: B18406ig<br>Effective Date: 13th June 2007<br>Status: Superseded By Variation<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Manually positioned to the address or location<br>Activity Code: 4.2 A(1) (A) (IV)<br>Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride<br>Primary Activity: Y<br>Activity Code: 4.2 A(1) (A) (V)<br>Activity Description: Inorganic Chemicals; Non Metals Etc Eg Calcium Carbide<br>Primary Activity: N | A12NE (NW)                             | 463                          | 1       | 374697<br>443225 |
| 12     | <b>Integrated Pollution Prevention And Control</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Catalyst Factory, Pimlico Industrial Area, Clitheroe Works, West Bradford Road,, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: DP3638TH<br>Original Permit Ref: B18406ig<br>Effective Date: 14th July 2010<br>Status: Effective<br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Located by supplier to within 100m<br>Activity Code: 4.2 A(1) (A) (V)<br>Activity Description: Inorganic Chemicals; Non Metals Etc Eg Calcium Carbide<br>Primary Activity: N<br>Activity Code: 4.2 A(1) (A) (IV)<br>Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride<br>Primary Activity: Y                           | A12NE (NW)                             | 468                          | 1       | 374690<br>443220 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: RP3735GG<br>Original Permit Ref: B172721b<br>Effective Date: 7th July 2009<br>Status: Superseded By Variation<br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: LP3030KU<br>Original Permit Ref: Kp3539bq<br>Effective Date: 5th May 2009<br>Status: <b>Effective</b><br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: PP3634XA<br>Original Permit Ref: BI7272lb<br>Effective Date: 8th August 2008<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: SP3832XY<br>Original Permit Ref: Kp3539bq<br>Effective Date: 28th April 2008<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Y  | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Kp3539bq<br>Original Permit Ref: Kp3539bq<br>Effective Date: 5th January 2007<br>Status: <b>Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Y<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: N | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Mp3132sd<br>Original Permit Ref: BI7272lb<br>Effective Date: 14th December 2005<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bw2374ip<br>Original Permit Ref: BI7272ib<br>Effective Date: 30th September 2004<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Substantial<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Y<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: N | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Catalyst Factory, Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI8406ig<br>Original Permit Ref: BI8406ig<br>Effective Date: 10th August 2004<br>Status: <b>Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 4.2 A(1) (A) (IV)<br>Activity Description: Inorganic Chemicals; Salts Eg Ammonium Chloride<br>Primary Activity: Y<br>Activity Code: 4.2 A(1) (A) (V)<br>Activity Description: Inorganic Chemicals; Non Metals Etc Eg Calcium Carbide<br>Primary Activity: N              | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: BI7272ib<br>Original Permit Ref: BI7272ib<br>Effective Date: 3rd April 2003<br>Status: <b>Superseded By Variation</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Ltd<br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bv1429<br>Original Permit Ref: Bv1429<br>Effective Date: Not Supplied<br>Status: <b>Open Enquiry (Application received by the Authority but is not yet authorised)</b><br>Application Type: Not Supplied<br>App. Sub Type: Not Supplied<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Not Supplied   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Coplow Quarry, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: Bv1429Im<br>Original Permit Ref: Bv1429Im<br>Effective Date: Not Supplied<br>Status: <b>Application refused</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 5.2 A(1) (A)<br>Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste<br>Primary Activity: Y | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 13     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: LP3830KY<br>Original Permit Ref: B17272ib<br>Effective Date: Not Supplied<br>Status: <b>Application refused</b><br>Application Type: Variation<br>App. Sub Type: Minor<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17SE (NW)                             | 661                          | 1       | 374839<br>443643 |
| 14     | <b>Integrated Pollution Prevention And Control</b><br>Name: Dugdale Nutrition Limited<br>Location: Bellman Mill, Bellman Mill, Salthill,,, CLITHEROE, Lancashire, BB7 1QW<br>Authority: Environment Agency, North West Region<br>Permit Reference: NP3132HH<br>Original Permit Ref: Np3132hh<br>Effective Date: 20th December 2011<br>Status: <b>Effective</b><br>Application Type: Application<br>App. Sub Type: New<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 6.8 A(1) (D) (II)<br>Activity Description: Animal, Vegetable & Food; Treating Etc. Vegetable Raw Materials For Food Greater Than 300T/Day<br>Primary Activity: Y             | A9NE (SE)                              | 698                          | 1       | 375906<br>442831 |
| 15     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: HP3730FH<br>Original Permit Ref: B17272ib<br>Effective Date: 1st July 2011<br>Status: <b>Effective</b><br>Application Type: Variation<br>App. Sub Type: Standard<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y   | A17NE (NW)                             | 772                          | 1       | 374694<br>443677 |
| 15     | <b>Integrated Pollution Prevention And Control</b><br>Name: Castle Cement Limited<br>Location: Ribblesdale Works, Ribblesdale Works, West Bradford Road,,, CLITHEROE, Lancashire, BB7 4QF<br>Authority: Environment Agency, North West Region<br>Permit Reference: YP3834TL<br>Original Permit Ref: B17272ib<br>Effective Date: 27th July 2010<br>Status: <b>Superseded By Variation</b><br>Application Type: Variation<br>App. Sub Type: Simple Standard Variation<br>Positional Accuracy: Automatically positioned to the address<br>Activity Code: 3.1 A(1) (A)<br>Activity Description: Cement And Lime; Producing Etc Cement Clinker<br>Primary Activity: Y                     | A17NE (NW)                             | 772                          | 1       | 374694<br>443677 |



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| 16     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Paint It Ltd<br>Location: Salthill Industrial Estate, Lincoln way, CLITHEROE, Lancashire, BB7 1QL<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: Rvbc/Epa/29/00<br>Dated: 31st August 2000<br>Process Type: Local Authority Air Pollution Control<br>Description: PG6/34 Respraying of road vehicles<br>Status: Authorisation revokedRevoked<br>Positional Accuracy: Manually positioned within the geographical locality  | A8NE (S)                               | 364                          | 2       | 375322<br>442549 |
| 17     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Rvbc Depot<br>Location: Salthill Industrial Estate, Lincoln Way, CLITHEROE, Lancashire, BB7 1QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: RVBC/PPC/40<br>Dated: 21st November 2002<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the address or location                                      | A8NE (SE)                              | 390                          | 2       | 375473<br>442624 |
| 18     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tarmac<br>Location: Bankfield Quarry, Pimlico Link Road, Clitheroe<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC / 7<br>Dated: 24th April 2009<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/42 Bitumen and tar processes<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the address or location   | A19SW (NE)                             | 463                          | 2       | 375568<br>443423 |
| 18     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tarmac Central Ltd<br>Location: Bankfield Quarry, Pimlico Link Road, Clitheroe, BB7 5QA<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: RVBC/PPC/07<br>Dated: 17th February 2006<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG3/15 Mineral drying and roadstone coating processes<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the address or location  | A19SW (NE)                             | 463                          | 2       | 375568<br>443423 |
| 19     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tarmac Central<br>Location: Bankfield Quarry, CLITHEROE, Lancashire, BB7 4QA<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC / 7<br>Dated: 22nd March 1993<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the address or location                         | A18SE (NE)                             | 475                          | 2       | 375500<br>443495 |
| 20     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Steadplan<br>Location: Unit 4c Salthill Industrial Estate, Lincoln Way, Clitheroe, BB7 1QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC/48/05<br>Dated: 24th June 2005<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the address or location  | A8NW (S)                               | 558                          | 2       | 375085<br>442337 |
| 21     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: James Alpe Vehicle Respraying<br>Location: Salthill Industrial Estate, Lincoln Way, CLITHEROE, Lancashire, BB7 1QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: Rvbc/Ppc/44/04<br>Dated: 12th January 2004<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br>Status: Permitted<br>Positional Accuracy: Manually positioned to the road within the address or location | A8SW (S)                               | 596                          | 2       | 375190<br>442290 |

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| 22     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: James Alpe Ltd<br>Location: Salthill Industrial Estate, Lincoln Way, Clitheroe, BB7 1QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC/44/04<br>Dated: 20th February 2009<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/34 Respraying of road vehicles<br>Status: <b>Permitted</b><br>Positional Accuracy: Manually positioned to the address or location  | A8SE (S)                               | 645                          | 2       | 375210<br>442241 |
| 22     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: James Alpe Ltd<br>Location: Salthill Industrial Estate, Lincoln Way, CLITHEROE, Lancashire, BB7 1QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC/28/05<br>Dated: 31st August 2000<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input<br>Status: <b>Permitted</b><br>Positional Accuracy: Manually positioned to the address or location                         | A8SE (S)                               | 645                          | 2       | 375210<br>442241 |
| 23     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Dugdale Nutrition<br>Location: Bellman Mill, Salthill, CLITHEROE, Lancashire, BB7 4QD<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC/8/06<br>Dated: 2nd September 1993<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG6/26 Animal feed compounding<br>Status: <b>Permitted</b><br>Positional Accuracy: Manually positioned to the address or location   | A9NW (SE)                              | 649                          | 2       | 375844<br>442628 |
| 24     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Tarmac Roadstone Ltd<br>Location: Horrocksford Works, CHATBURN, Lancashire, BB7<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: EPA/6/92<br>Dated: 1st March 1993<br>Process Type: Local Authority Air Pollution Control<br>Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete<br>Status: <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Manually positioned to the address or location | A18NW (N)                              | 761                          | 2       | 375003<br>443834 |
| 25     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Harrison & Co Ltd<br>Location: Chatburn Road, Chatburn, CLITHEROE, Lancashire, BB7 4JY<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: RVBC/PPC/32/05<br>Dated: 14th October 2005<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>Status: <b>Permitted</b><br>Positional Accuracy: Manually positioned to the address or location  | A7SE (SW)                              | 854                          | 2       | 374658<br>442204 |
| 25     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Roundabout Filling Station<br>Location: Chatburn Road, CLITHEROE, Lancashire, BB7 2AP<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: PPC/26/05<br>Dated: 31st July 2000<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG1/14 Petrol filling station<br>Status: <b>Permitted</b><br>Positional Accuracy: Automatically positioned to the address  | A7SE (SW)                              | 894                          | 2       | 374658<br>442158 |
| 26     | <b>Local Authority Pollution Prevention and Controls</b><br>Name: Gee-Co (Precast) Ltd<br>Location: Upbrooks Mill, Taylor Street, CLITHEROE, Lancashire, BB7 1NL<br>Authority: Ribble Valley Borough Council, Environmental Health Department<br>Permit Reference: RVBC/PPC/45/04<br>Dated: 16th March 2004<br>Process Type: Local Authority Pollution Prevention and Control<br>Description: PG3/1Blending, packing, loading and use of bulk cement<br>Status: <b>Authorisation revokedRevoked</b><br>Positional Accuracy: Manually positioned to the address or location                | A8SW (S)                               | 871                          | 2       | 374942<br>442049 |
|        | Nearest Surface Water Feature   | A13SW (W)                              | 0                            | -       | 375145<br>442990 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 27     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Connection To Surface Drains<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown Sewage<br>Note: Tributary Pimlico Brk<br>Incident Date: 12th July 1995<br>Incident Reference: 95340090<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Wrong Connection<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m          | A13SW (SW)                             | 31                           | 1       | 375100<br>442900 |
| 28     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Boats/Ships<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: None<br>Incident Date: 15th September 1994<br>Incident Reference: 94340136<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Canal<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor incident<br>Positional Accuracy: Located by supplier to within 100m  | A13SW (SW)                             | 94                           | 1       | 375001<br>442901 |
| 29     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Spillage; Accident - Static Site<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Other Chemicals<br>Note: Pimlico Brook Tributary; Oil Based Resin<br>Incident Date: 22nd February 1996<br>Incident Reference: 99340010<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A13SW (W)                              | 189                          | 1       | 374900<br>442900 |
| 30     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: None Affected; Oil Spill<br>Incident Date: 13th May 1996<br>Incident Reference: 96340037<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A13SE (S)                              | 219                          | 1       | 375300<br>442700 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: Pimlico Brook; Natural Silt<br>Incident Date: 24th July 1996<br>Incident Reference: 96340056<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Natural Causes<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A12SE (SW)                             | 319                          | 1       | 374800<br>442800 |
| 31     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: Pimlico Brook; Unknown<br>Incident Date: 15th August 1995<br>Incident Reference: 95340101<br>Catchment Area: Ribble - Non-Tidal<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   | A12SE (SW)                             | 321                          | 1       | 374800<br>442795 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Road<br>Location: Warwick Drive, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Not Supplied<br>Incident Date: 14th August 1998<br>Incident Reference: CE980804<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Road Traffic Accident<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A13NE (NE)                             | 323                          | 1       | 375500<br>443295 |
| 32     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Road<br>Location: Pimlico, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Not Supplied<br>Incident Date: 14th August 1998<br>Incident Reference: CE980823<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Road Traffic Accident<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m       | A13NE (NE)                             | 328                          | 1       | 375500<br>443300 |
| 33     | <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: Miscellaneous - Inert Suspended Solids<br>Note: Pimlico/Mearley Bk<br>Incident Date: 5th August 1992<br>Incident Reference: 92340089<br>Catchment Area: Ribble - Non-Tidal<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         | A14NW (NE)                             | 331                          | 1       | 375600<br>443200 |
| 34     | <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: Industrial Effluent<br>Note: Pimlico Brook<br>Incident Date: 16th April 1991<br>Incident Reference: 91340030<br>Catchment Area: Ribble - Non-Tidal<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                                       | A12NE (NW)                             | 360                          | 1       | 374800<br>443200 |
| 35     | <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: Miscellaneous - Inert Suspended Solids<br>Note: Pimlico Brook<br>Incident Date: 27th June 1995<br>Incident Reference: 95340080<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Poor Operational Practice<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A18SE (N)                              | 400                          | 1       | 375300<br>443500 |
| 36     | <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 - Other Fuel Oil<br>Note: Cemetery Beck; Heating Oil<br>Incident Date: 9th October 1995<br>Incident Reference: 95340120<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Overfilling During Delivery<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A12NE (NW)                             | 416                          | 1       | 374800<br>443300 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 37     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Chatburn Road, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Paints / Dyes<br>Note: Not Supplied<br>Incident Date: 8th September 1998<br>Incident Reference: CE980808<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Deliberate Disposal To Drain<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A8NW (S)                               | 426                          | 1       | 375001<br>442501 |
| 38     | <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: Tributary Mearyley Bk<br>Incident Date: 4th March 1994<br>Incident Reference: 94340022<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Poor Operational Practice<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                      | A8NE (SE)                              | 426                          | 1       | 375500<br>442600 |
| 39     | <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: Rubble/Litter Or Solids<br>Note: Tributary Of Mearley Bk<br>Incident Date: 1st February 1995<br>Incident Reference: 95330021<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Miscellaneous/Other Pollution Type<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A14SW (E)                              | 434                          | 1       | 375700<br>442800 |
| 39     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: Tributary Mearley Brook<br>Incident Date: 2nd February 1995<br>Incident Reference: 95340007<br>Catchment Area: Ribble - Non-Tidal<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   | A14SW (E)                              | 437                          | 1       | 375700<br>442795 |
| 40     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Mearley Bk, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Rubbish<br>Note: No Pollution; No Pollution<br>Incident Date: 22nd June 1997<br>Incident Reference: 97340063<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Coastal Water<br>Cause of Incident: Other Cause<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A12SE (W)                              | 486                          | 1       | 374600<br>442900 |
| 41     | <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: Tributary Worston Brook; Trace Oil<br>Incident Date: 5th May 1994<br>Incident Reference: 94340059<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Poor Operational Practice<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m           | A9NW (SE)                              | 494                          | 1       | 375600<br>442600 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 42     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Water Company Sewage: Sewerage<br>Location: Mearley Brook , Salthill<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Mearley Brook; Oil<br>Incident Date: 28th April 1997<br>Incident Reference: 97340052<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A8NE (SE)                              | 499                          | 1       | 375500<br>442500 |
| 42     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Paper Industry<br>Location: Mearley Brook, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Not Supplied<br>Incident Date: 21st February 1998<br>Incident Reference: CE980152<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A8NE (SE)                              | 503                          | 1       | 375500<br>442495 |
| 42     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Industrial Premises<br>Location: Salthill Industrial Estate, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Not Supplied<br>Incident Date: 4th November 1998<br>Incident Reference: CE981044<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A8NE (SE)                              | 506                          | 1       | 375505<br>442495 |
| 43     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Cemetery Beck , CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Inert Suspended Solids<br>Note: Cemetery Beck; Silt<br>Incident Date: 24th April 1997<br>Incident Reference: 97340051<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A17SE (NW)                             | 567                          | 1       | 374800<br>443500 |
| 44     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: Mearley Brook; None Pollution Found<br>Incident Date: 12th July 1995<br>Incident Reference: 95340091<br>Catchment Area: Ribble - Non-Tidal<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  | A9NW (SE)                              | 567                          | 1       | 375600<br>442500 |
| 45     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Surface Water Outfall<br>Location: Mearley Brook<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Not Supplied<br>Incident Date: 12th July 1998<br>Incident Reference: CE980833<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Deliberate Disposal To Drain<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A8NE (SE)                              | 578                          | 1       | 375505<br>442405 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 45     | <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: Mearley Brook<br>Incident Date: 11th April 1995<br>Incident Reference: 95340034<br>Catchment Area: Ribble - Non-Tidal<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                                    | A8NE (SE)                              | 580                          | 1       | 375500<br>442400 |
| 45     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Surface Water Outfall<br>Location: Mearley Brook<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 25th June 1998<br>Incident Reference: CE980586<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A8NE (SE)                              | 583                          | 1       | 375505<br>442400 |
| 45     | <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: Mearley Brook<br>Incident Date: 5th December 1995<br>Incident Reference: 95340131<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m                            | A8NE (SE)                              | 584                          | 1       | 375500<br>442395 |
| 45     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage (Non-PLC): Surface Water Outfall<br>Location: Mearley Brook<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Diesel (Including Agricultural)<br>Note: Oil<br>Incident Date: Not Supplied<br>Incident Reference: CE980837<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Deliberate Disposal To Drain<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m            | A8NE (SE)                              | 587                          | 1       | 375505<br>442395 |
| 46     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Construction<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Inert Suspended Solids<br>Note: Dirty Water Flowing Onto Factory Premises<br>Incident Date: 9th January 1998<br>Incident Reference: CE980018<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Land Runoff<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SW (S)                               | 586                          | 1       | 375200<br>442300 |
| 46     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lincoln Way, Mearley Bk<br>Authority: Environment Agency, North West Region<br>Pollutant: General Biodegradable : Crude Sewage<br>Note: Not Supplied<br>Incident Date: 10th March 1999<br>Incident Reference: 1850<br>Catchment Area: Mearley Brook<br>Receiving Water: River Stretch (Freshwater)<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A8SW (S)                               | 591                          | 1       | 375200<br>442295 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 47     | <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: Miscellaneous - Inert Suspended Solids<br>Note: Pimlico Brook<br>Incident Date: 3rd March 1992<br>Incident Reference: 92340022<br>Catchment Area: Ribble - Non-Tidal<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                     | A7NE (SW)                              | 589                          | 1       | 374700<br>442500 |
| 47     | <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: Rubble/Litter Or Solids<br>Note: Pimlico Brook; Small Amounts Rubbis<br>Incident Date: 12th November 1993<br>Incident Reference: 93340117<br>Catchment Area: Ribble - Non-Tidal<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          | A7NE (SW)                              | 592                          | 1       | 374700<br>442495 |
| 48     | <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: Mearley Brook<br>Incident Date: 30th March 1994<br>Incident Reference: 94340138<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Land Runoff<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                | A8SE (S)                               | 597                          | 1       | 375300<br>442300 |
| 48     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Engineering<br>Location: Mearley Bk , CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Acid<br>Note: Mearley Bk; Battery Acid<br>Incident Date: 14th July 1997<br>Incident Reference: 97340069<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m        | A8SE (S)                               | 602                          | 1       | 375300<br>442295 |
| 49     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Construction: Construction Of Buildings<br>Location: Salt Hill Quarry<br>Authority: Environment Agency, North West Region<br>Pollutant: Organic Chemicals : Other<br>Note: Not Supplied<br>Incident Date: 6th February 1999<br>Incident Reference: 1672<br>Catchment Area: Mearley Brook<br>Receiving Water: River Stretch (Freshwater)<br>Cause of Incident: Other Cause<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Approximate location provided by supplier | A8SE (S)                               | 624                          | 1       | 375400<br>442300 |
| 50     | <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: Mearley Brook<br>Incident Date: 15th August 1994<br>Incident Reference: 94340125<br>Catchment Area: Ribble - Non-Tidal<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                            | A9NW (SE)                              | 636                          | 1       | 375705<br>442505 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 50     | <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 - Other Oil<br>Note: Worston Brook; Trace Oil/Silt<br>Incident Date: 6th July 1992<br>Incident Reference: 92340079<br>Catchment Area: Ribble - Non-Tidal<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                  | A9NW (SE)                              | 636                          | 1       | 375700<br>442500 |
| 50     | <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: Mearley Brook<br>Incident Date: 17th June 1994<br>Incident Reference: 94340072<br>Catchment Area: Ribble - Non-Tidal<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                    | A9NW (SE)                              | 639                          | 1       | 375705<br>442500 |
| 50     | <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: Industrial Effluent<br>Note: Worston Brook; Vehicle Washings/Oil<br>Incident Date: 2nd August 1991<br>Incident Reference: 91340075<br>Catchment Area: Ribble - Non-Tidal<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 | A9NW (SE)                              | 639                          | 1       | 375700<br>442495 |
| 50     | <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: Mearley Brook<br>Incident Date: 28th March 1994<br>Incident Reference: 94340034<br>Catchment Area: Ribble - Non-Tidal<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                   | A9NW (SE)                              | 643                          | 1       | 375705<br>442495 |
| 51     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Not Given<br>Note: None Pollution Found<br>Incident Date: 6th September 1991<br>Incident Reference: 91340087<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Not Given<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A9NW (SE)                              | 640                          | 1       | 375600<br>442400 |
| 51     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Not Given<br>Location: Mealey Brook, Upbrooks, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Unknown<br>Note: Not Supplied<br>Incident Date: 2nd June 1998<br>Incident Reference: CE980530<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                        | A9NW (SE)                              | 644                          | 1       | 375600<br>442395 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 52     | <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: Mearley Brook<br>Incident Date: 16th December 1993<br>Incident Reference: 93340115<br>Catchment Area: Ribble - Non-Tidal<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   | A8SE (SE)                              | 666                          | 1       | 375500<br>442300 |
| 52     | <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 - Other Oil<br>Note: Mearley Brook; Silt/Oil<br>Incident Date: 13th November 1995<br>Incident Reference: 95340130<br>Catchment Area: Ribble - Non-Tidal<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              | A8SE (SE)                              | 668                          | 1       | 375505<br>442300 |
| 52     | <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: Miscellaneous - Unknown<br>Note: Mearley Brook<br>Incident Date: 1st June 1994<br>Incident Reference: 94340080<br>Catchment Area: Ribble - Non-Tidal<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                      | A8SE (SE)                              | 670                          | 1       | 375500<br>442295 |
| 52     | <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: Mearley Brook<br>Incident Date: 3rd March 1994<br>Incident Reference: 94340021<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A8SE (SE)                              | 673                          | 1       | 375505<br>442295 |
| 53     | <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: Pimlico Brook<br>Incident Date: 4th March 1992<br>Incident Reference: 92340023<br>Catchment Area: Ribble - Non-Tidal<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                     | A7NE (SW)                              | 667                          | 1       | 374700<br>442400 |
| 54     | <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: Mearley Brook<br>Incident Date: 8th July 1993<br>Incident Reference: 93340061<br>Catchment Area: Ribble - Non-Tidal<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  | A8SW (S)                               | 686                          | 1       | 375200<br>442200 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 54     | <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: Miscellaneous - Unknown<br>Note: Mearley Brook<br>Incident Date: 16th May 1995<br>Incident Reference: 95340054<br>Catchment Area: Ribble - Non-Tidal<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   | A8SW (S)                               | 691                          | 1       | 375200<br>442195 |
| 54     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Boats/Ships<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: Not Supplied<br>Incident Date: 19th June 1994<br>Incident Reference: 94340092<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Canal<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m   | A8SE (S)                               | 691                          | 1       | 375205<br>442195 |
| 55     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Manufacturing: Other Manufacturing<br>Location: Mearley Brook, Salthill, CLITHEROE, Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Organic Chemicals : Oils: Mixed / Unidentified / Waste<br>Note: Not Supplied<br>Incident Date: 14th October 1999<br>Incident Reference: 33372<br>Catchment Area: River Ribble (Long Gill)<br>Receiving Water: River Stretch (Freshwater)<br>Cause of Incident: Human Actions : Management Failure<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 10m | A8SW (S)                               | 691                          | 1       | 375100<br>442200 |
| 56     | <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: Pimlico Brook<br>Incident Date: 21st February 1992<br>Incident Reference: 92340018<br>Catchment Area: Ribble - Non-Tidal<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  | A19SE (NE)                             | 692                          | 1       | 375900<br>443400 |
| 57     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Industrial Premises<br>Location: Mearley Brook Near , Ultraflame, Lincoln Road, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Chemicals - Paints / Dyes<br>Note: Mearley Brook; Red Dye<br>Incident Date: 25th February 1997<br>Incident Reference: 97340029<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                                    | A8SE (S)                               | 696                          | 1       | 375300<br>442200 |
| 58     | <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: Mearley Brook<br>Incident Date: 17th December 1992<br>Incident Reference: 92340113<br>Catchment Area: Ribble - Non-Tidal<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  | A9NW (SE)                              | 703                          | 1       | 375800<br>442500 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 58     | <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: Mearley Brook<br>Incident Date: 18th December 1992<br>Incident Reference: 92340114<br>Catchment Area: Ribble - Non-Tidal<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  | A9NW (SE)                              | 707                          | 1       | 375800<br>442495 |
| 59     | <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: Mearley Brook<br>Incident Date: 24th July 1992<br>Incident Reference: 92340085<br>Catchment Area: Ribble - Non-Tidal<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  | A17SE (NW)                             | 706                          | 1       | 374700<br>443600 |
| 60     | <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: Miscellaneous - Inert Suspended Solids<br>Note: Worston Brook<br>Incident Date: 5th May 1994<br>Incident Reference: 94340058<br>Catchment Area: Ribble - Non-Tidal<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             | A9NW (SE)                              | 708                          | 1       | 375700<br>442400 |
| 61     | <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: Mearley Brook<br>Incident Date: 21st April 1994<br>Incident Reference: 94340044<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m     | A9SW (SE)                              | 719                          | 1       | 375600<br>442300 |
| 61     | <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: Mearley Brook<br>Incident Date: 14th May 1994<br>Incident Reference: 94340067<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Accidental Spillage/Leakage<br>Incident Severity: Category 2 - Significant Incident<br>Positional Accuracy: Located by supplier to within 100m | A9SW (SE)                              | 723                          | 1       | 375600<br>442295 |
| 61     | <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: Mearley Brook<br>Incident Date: 4th April 1995<br>Incident Reference: 95340029<br>Catchment Area: Ribble - Non-Tidal<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           | A9SW (SE)                              | 726                          | 1       | 375605<br>442295 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 62     | <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 - Other Oil<br>Note: Tributary Of Ribble; Solids And Oil<br>Incident Date: 16th May 1992<br>Incident Reference: 92340060<br>Catchment Area: Ribble - Non-Tidal<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               | A17SW (NW)                             | 720                          | 1       | 374500<br>443400 |
| 63     | <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: Worston Brook<br>Incident Date: 18th March 1994<br>Incident Reference: 94340028<br>Catchment Area: Ribble - Non-Tidal<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                      | A9NE (SE)                              | 774                          | 1       | 375900<br>442500 |
| 64     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Cattle (Dairy) Farming: Other<br>Location: Bellman Farm, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Pollutant: Organic Wastes: Cattle slurry<br>Note: Not Supplied<br>Incident Date: 25th March 1998<br>Incident Reference: CE980265<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Pond/Lake<br>Cause of Incident: Burst/Leaking Stores<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m | A19SE (NE)                             | 777                          | 1       | 376000<br>443400 |
| 65     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Spillage; Accident - Static Site<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Miscellaneous - Fire water / Foam<br>Note: Fire Water<br>Incident Date: 8th August 1996<br>Incident Reference: 96340063<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Fire<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                         | A12SW (W)                              | 785                          | 1       | 374300<br>442900 |
| 66     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Road<br>Location: Unnamed Tributary Of River Ribble, Pimlico Road<br>Authority: Environment Agency, North West Region<br>Pollutant: Oils - Other Fuel Oil<br>Note: Not Supplied<br>Incident Date: 25th April 1998<br>Incident Reference: CE980433<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Freshwater Stream/River<br>Cause of Incident: Leaking Tank<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m    | A7NW (SW)                              | 799                          | 1       | 374500<br>442400 |
| 66     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Boats/Ships<br>Location: Lancashire<br>Authority: Environment Agency, North West Region<br>Pollutant: Unknown<br>Note: None<br>Incident Date: 1st July 1994<br>Incident Reference: 94340101<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Canal<br>Cause of Incident: Other Incident/Unknown<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m  | A7NW (SW)                              | 803                          | 1       | 374500<br>442395 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 67     | <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: Miscellaneous - Inert Suspended Solids<br>Note: Pimlico Brook<br>Incident Date: 20th August 1992<br>Incident Reference: 92340095<br>Catchment Area: Ribble - Non-Tidal<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                                    | A7SE (SW)                              | 807                          | 1       | 374600<br>442300 |
| 67     | <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: Pimlico Brook; Oil/Degreasing Agent<br>Incident Date: 14th June 1994<br>Incident Reference: 94340087<br>Catchment Area: Ribble - Non-Tidal<br>Receiving Water: Not Given<br>Cause of Incident: Poor Operational Practice<br>Incident Severity: Category 3 - Minor Incident<br>Positional Accuracy: Located by supplier to within 100m                    | A7SE (SW)                              | 808                          | 1       | 374605<br>442295 |
| 67     | <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: Pimlico Brook<br>Incident Date: 18th October 1993<br>Incident Reference: 93340096<br>Catchment Area: Ribble - Non-Tidal<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   | A7SE (SW)                              | 811                          | 1       | 374600<br>442295 |
| 68     | <b>Pollution Incidents to Controlled Waters</b><br>Property Type: Private Sewage: Sewage Works And Septic Tanks<br>Location: Location Description Not Available<br>Authority: Environment Agency, North West Region<br>Pollutant: Sewage - Septic Tank Effluent<br>Note: Tributary Pimlico Bk<br>Incident Date: 17th January 1991<br>Incident Reference: 91340006<br>Catchment Area: Ribble - Non-Tidal<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 | A14NE (E)                              | 826                          | 1       | 376100<br>443300 |
| 69     | <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: Pimlico Brook<br>Incident Date: 30th December 1991<br>Incident Reference: 91340121<br>Catchment Area: Ribble - Non-Tidal<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                            | A7SW (SW)                              | 871                          | 1       | 374500<br>442300 |
| 70     | <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: Rubble/Litter Or Solids<br>Note: Mearley Brook; Builders Material<br>Incident Date: 13th March 1991<br>Incident Reference: 91340083<br>Catchment Area: Ribble - Non-Tidal<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                                 | A7SE (SW)                              | 923                          | 1       | 374700<br>442100 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 71     | <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: Rubble/Litter Or Solids<br>Note: Mearley Brook; Dead Chickens<br>Incident Date: 30th September 1993<br>Incident Reference: 93340090<br>Catchment Area: Ribble - Non-Tidal<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  | A8SW (S)                               | 930                          | 1       | 374900<br>442000 |
| 72     | <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: Industrial Effluent<br>Note: Pimlico Brook<br>Incident Date: 28th January 1993<br>Incident Reference: 93340014<br>Catchment Area: Ribble - Non-Tidal<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   | A7NW (SW)                              | 955                          | 1       | 374300<br>442400 |
| 73     | <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: Miscellaneous - Vegetation/Cuttings<br>Note: Mearley Brook; Garden Waste<br>Incident Date: 16th June 1992<br>Incident Reference: 92340072<br>Catchment Area: Ribble - Non-Tidal<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  | A7SE (S)                               | 965                          | 1       | 374800<br>442000 |
| 74     | <b>Prosecutions Relating to Authorised Processes</b><br>Location: Ribblesdale Works, CLITHEROE, Lancashire, BB7 4QF<br>Prosecution Text: EA News Release 17/10/1997, On 16/04/1997 failure to notify the Agency "without delay" of two breaches of authorisation limits in February.<br>Prosecution Act: EPA90 s6(1)<br>Hearing Date: 17th October 1997<br>Verdict: Guilty<br>Fine: 2000<br>Costs: 500<br>Positional Accuracy: Manually positioned to the address or location   | A17SE (NW)                             | 661                          | 1       | 374839<br>443642 |
| 74     | <b>Prosecutions Relating to Authorised Processes</b><br>Location: Ribblesdale Works, 1-2 Ribble View, CLITHEROE, Lancashire, BB7 4QF<br>Prosecution Text: EA News Release 17/10/1997, 3 offences. Breaching authorisation limit for particulate matter emission on 11th February 1997 and sulphur dioxide emission on 21st February 1997 and failing to notify the EA "without delay" of these breaches<br>Prosecution Act: EPA90 s6(1)<br>Hearing Date: 17th October 1997<br>Verdict: Guilty<br>Fine: 8000<br>Costs: 1500<br>Positional Accuracy: Manually positioned to the address or location | A17SE (NW)                             | 662                          | 1       | 374839<br>443643 |
| 74     | <b>Prosecutions Relating to Authorised Processes</b><br>Location: Ribblesdale Works, CLITHEROE, Lancashire, BB7 4QF<br>Prosecution Text: EA News Release 17/10/1997 (Case 2 of 2), Breached authorisation limit for emission of sulphur dioxide on 21st February 1997.<br>Prosecution Act: EPA90 s6(1)<br>Hearing Date: 17th October 1997<br>Verdict: Guilty<br>Fine: 2000<br>Costs: 500<br>Positional Accuracy: Manually positioned to the address or location   | A17SE (NW)                             | 662                          | 1       | 374839<br>443643 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 74     | <b>Prosecutions Relating to Authorised Processes</b><br>Location: Ribblesdale Works, CLITHEROE, Lancashire, BB7 4QF.<br>Prosecution Text: EA News Release 08/11/1996, Failure to take reasonable measures to prevent risk of pollution<br>Prosecution Act: EPA90<br>Hearing Date: 8th November 1996<br>Verdict: Guilty<br>Fine: 5000<br>Costs: 4000<br>Positional Accuracy: Manually positioned to the address or location  | A17SE (NW)                             | 662                          | 1       | 374839<br>443643 |
| 75     | <b>Prosecutions Relating to Authorised Processes</b><br>Location: Ribblesdale Works, West Bradford Road, CLITHEROE, Lancashire, BB7 4QF<br>Prosecution Text: EA Data 10/07/2000. Three offences relating to haze and odour conditions of authorisation.<br>Prosecution Act: EPA90 s8(1) & s23(1)<br>Hearing Date: 10th July 2000<br>Verdict: Guilty<br>Fine: 45000<br>Costs: 74600<br>Positional Accuracy: Manually positioned to the road within the address or location   | A17SE (NW)                             | 738                          | 1       | 374679<br>443624 |
| 76     | <b>Prosecutions Relating to Controlled Waters</b><br>Location: Worston Brook, Salthill Industrial Estate, Lincoln Way, Clitherhoe, Lancashire, BB7 1<br>Prosecution Text: A Blocked Foul Sewer System Caused Excess Water To Flow Into Surface Water Drains And, Subsequently, The Watercourse<br>Prosecution Act: Wra91 S85(1) S86(6)<br>Hearing Date: 16th September 2001<br>Verdict: Guilty<br>Fine: 10000<br>Cost: 1528<br>Positional Accuracy: Manually positioned within the geographical locality                            | A9NW (SE)                              | 591                          | 1       | 375584<br>442451 |
| 77     | <b>Prosecutions Relating to Controlled Waters</b><br>Location: Ribblesdale Works, 1-2 Ribble View, CLITHEROE, Lancashire, BB7 4QF<br>Prosecution Text: EA News Release 17/10/1997, Polluting the River Ribble with a white sediment (containing calcium carbonate and hydroxide) on the 22nd April 1997.<br>Prosecution Act: WRA91 s85<br>Hearing Date: 17th October 1997<br>Verdict: Guilty<br>Fine: 500<br>Cost: 500<br>Positional Accuracy: Manually positioned within the geographical locality                                 | A18NW (N)                              | 775                          | 1       | 375031<br>443857 |
| 78     | <b>Registered Radioactive Substances</b><br>Name: Ici Chemicals And Polymers Ltd<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Environment Agency, North West Region<br>Permit Reference: AE5659<br>Dated: 31st March 1991<br>Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7)<br>Description: Authorisation under RSA<br>Status: Authorisation either revoked or cancelled<br>Positional Accuracy: Unknown | A12NE (NW)                             | 459                          | 1       | 374702<br>443226 |
|        | <b>River Quality</b><br>Name: Pimlico Bk<br>GQA Grade: River Quality A<br>Reach: Qsl At Chatburn I.E. To Mearley Bk<br>Estimated Distance (km): 2.7<br>Flow Rate: Flow less than 0.31 cumecs<br>Flow Type: River<br>Year: 2000  | A13SE (SE)                             | 41                           | 1       | 375274<br>442910 |
|        | <b>River Quality</b><br>Name: Mearley Bk<br>GQA Grade: River Quality B<br>Reach: Qsl At Tower Hill To Ribble<br>Estimated Distance (km): 3.9<br>Flow Rate: Flow less than 1.25 cumecs<br>Flow Type: River<br>Year: 2000   | A8SE (S)                               | 680                          | 1       | 375367<br>442230 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>River Quality</b><br>Name: Ribble<br>GQA Grade: River Quality B<br>Reach: Stock Beck To Clitheroe Stw<br>Estimated Distance (km): 19.1<br>Flow Rate: Flow less than 20 cumecs<br>Flow Type: River<br>Year: 2000  | A12NW (W)                              | 779                          | 1       | 374347<br>443201 |
| 79     | <b>River Quality Chemistry Sampling Points</b><br>Name: Pimlico Brook<br>Reach: Qst At Chatburn I.E. To Mearley Brook<br>Estimated Distance: 2.70<br>Objective: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m<br>Year: 1990<br>GQA Grade: Not Supplied<br>Compliance: Not Supplied<br>Year: 1993<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1994<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1995<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1996<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1997<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1998<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 1999<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2000<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2001<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2002<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2003<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2004<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2005<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2006<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2007<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2008<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied<br>Year: 2009<br>GQA Grade: River Quality Chemistry GQA Grade A - Very Good<br>Compliance: Not Supplied | A7NE (SW)                              | 787                          | 1       | 374583<br>442339 |
| 80     | <b>Substantiated Pollution Incident Register</b><br>Authority: Environment Agency - North West Region, North Area<br>Incident Date: 1st August 2001<br>Incident Reference: 21209<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: General Biodegradable Materials And Wastes: Food And Drink   | A9NW (SE)                              | 644                          | 1       | 375588<br>442385 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 80     | <b>Substantiated Pollution Incident Register</b><br>Authority: Environment Agency - North West Region, North Area<br>Incident Date: 2nd August 2001<br>Incident Reference: 21437<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: General Biodegradable Materials And Wastes: Food And Drink   | A9NW (SE)                              | 653                          | 1       | 375602<br>442384 |
| 81     | <b>Water Abstractions</b><br>Operator: Tarmac Limited<br>Licence Number: 2671309038<br>Permit Version: 103<br>Location: Bankfield Quarry, Clitheroe, Lancs<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Bankfield Quarry, Clitheroe, Lancs<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 15th February 2008<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m              | A18SW (N)                              | 294                          | 1       | 375200<br>443400 |
| 81     | <b>Water Abstractions</b><br>Operator: Tarmac Central Ltd<br>Licence Number: 2671309038<br>Permit Version: 102<br>Location: Bankfield Quarry, Clitheroe, Lancs<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Bankfield Quarry, Clitheroe, Lancs<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 19th October 2001<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m           | A18SW (N)                              | 294                          | 1       | 375200<br>443400 |
| 81     | <b>Water Abstractions</b><br>Operator: Tarmac Heavy Building Materials Uk Ltd<br>Licence Number: 2671309038<br>Permit Version: 101<br>Location: Bankfield Quarry, Clitheroe, Lancs<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Dust Suppression<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): 818<br>Yearly Rate (m3): 159113<br>Details: Bankfield Quarry, Clitheroe, Lancs<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 25th February 2000<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m     | A18SW (N)                              | 294                          | 1       | 375200<br>443400 |
| 82     | <b>Water Abstractions</b><br>Operator: Clitheroe Auction Mart Company Ltd<br>Licence Number: 2671309053<br>Permit Version: 1<br>Location: Borehole At Clitheroe Auction Mart, Clitheroe<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Groundwater<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Not Supplied<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 5th October 2004<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A14SW (SE)                             | 501                          | 1       | 375720<br>442710 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: Castle Castings Ltd<br>Licence Number: 2671309001<br>Permit Version: Not Supplied<br>Location: Mearley Brook, On Works Site, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Abstraction: Industrial Cooling (Miscellaneous)<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 36<br>Yearly Rate (m3): 8910<br>Details: Additional Purpose: Cooling; 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   | A7SE (SW)                              | 1005                         | 1       | 374700<br>442005 |
|        | <b>Water Abstractions</b><br>Operator: Castle Castings Ltd<br>Licence Number: 2671309002<br>Permit Version: Not Supplied<br>Location: Mearley Brook, South Bank Of Brook At Works Site, CLITHEROE<br>Authority: Environment Agency, North West Region<br>Abstraction: Industrial Cooling (Miscellaneous)<br>Abstraction Type: Not Supplied<br>Source: Surface<br>Daily Rate (m3): 9<br>Yearly Rate (m3): 2228<br>Details: Additional Purpose: Cooling; 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  | A7SE (SW)                              | 1007                         | 1       | 374695<br>442005 |
|        | <b>Water Abstractions</b><br>Operator: Castle Cement Ribblesdale Ltd<br>Licence Number: 2671309016<br>Permit Version: 100<br>Location: R Ribble At Clitheroe, Lancs<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): 6546<br>Yearly Rate (m3): 2000240<br>Details: Ribblesdale Cement Ltd,Lancs<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st November 1986<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | A23SW (N)                              | 1141                         | 1       | 374900<br>444200 |
|        | <b>Water Abstractions</b><br>Operator: Castle Cement Ribblesdale Ltd<br>Licence Number: 2671309016<br>Permit Version: 100<br>Location: R Ribble At Clitheroe, Lancs<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: Process Water<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): Not Supplied<br>Yearly Rate (m3): Not Supplied<br>Details: Ribblesdale Cement Ltd,Lancs<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 1st November 1986<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m                           | A23SW (N)                              | 1141                         | 1       | 374900<br>444200 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>Water Abstractions</b><br>Operator: James Thorber Ltd<br>Licence Number: 2671309025<br>Permit Version: 100<br>Location: Mearley Brk At Clitheroe<br>Authority: Environment Agency, North West Region<br>Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss)<br>Abstraction Type: Water may be abstracted from a single point<br>Source: Surface<br>Daily Rate (m3): 982<br>Yearly Rate (m3): 227300<br>Details: Land At Holmes Mill Clitheroe.<br>Authorised Start: 01 January<br>Authorised End: 31 December<br>Permit Start Date: 11th November 1966<br>Permit End Date: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m | (SW)                                   | 1866                         | 1       | 374200<br>441300 |
|        | <b>Water Abstractions</b><br>Operator: Smith & Nephew Textiles Ltd.<br>Licence Number: 2671309005<br>Permit Version: Not Supplied<br>Location: Lodge Fed By Chatburn Brook, Chatburn, CLITHEROE, Lancashire<br>Authority: Environment Agency, North West Region<br>Abstraction: Manufacturing<br>Abstraction Type: Not Supplied<br>Source: River<br>Daily Rate (m3): 20<br>Yearly Rate (m3): 5455<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  | A25SE<br>(NE)                          | 1892                         | 1       | 376800<br>444200 |
|        | <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 10 Central Lancashire<br>Scale: 1:100,000  | A13SW<br>(NW)                          | 0                            | 1       | 375201<br>442995 |
|        | <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 10 Central Lancashire<br>Scale: 1:100,000  | A13SW<br>(NW)                          | 0                            | 1       | 375201<br>442995 |
|        | <b>Bedrock Aquifer Designations</b><br>Aquifer Designation: Secondary Aquifer - A   | A13SW<br>(NW)                          | 0                            | 3       | 375201<br>442995 |
|        | <b>Superficial Aquifer Designations</b><br>Aquifer Designation: Unproductive Strata   | A13SW<br>(NW)                          | 0                            | 3       | 375201<br>442995 |
|        | <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   | A13NW<br>(NW)                          | 0                            | 1       | 375176<br>443013 |
|        | <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   | A13NE<br>(NE)                          | 111                          | 1       | 375359<br>443137 |
|        | <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   | A13NW<br>(NW)                          | 0                            | 1       | 375175<br>443022 |
|        | <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   | A13NE<br>(NE)                          | 115                          | 1       | 375362<br>443140 |
|        | <b>Areas Benefiting from Flood Defences</b><br>None   |  |                              |         |                  |
|        | <b>Flood Water Storage Areas</b><br>None  |  |                              |         |                  |

| Map ID | Details                | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR |
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|        | Flood Defences<br>None |  |                              |         |     |

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| 83     | <b>BGS Recorded Landfill Sites</b><br>Site Name: Crosshills Tip<br>Location: West Bradford Rd, CLITHEROE, Lancs<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: Derived   | A12NE (NW)                             | 442                          | 3       | 374774<br>443309 |
| 84     | <b>Historical Landfill Sites</b><br>Licence Holder: Clitheroe Municipal Borough Council<br>Location: West Bradford Road, Pimlico, Clitheroe, Lancashire<br>Name: Crosshills Quarry<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD07091<br>First Input Date: 1st October 1967<br>Last Input Date: 31st December 1979<br>Specified Waste: Deposited Waste included Inert, Industrial and Household Waste<br>Type:<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 2300/0161<br>BGS Ref: 1917<br>Other Ref: K1/03/006 | A12NE (NW)                             | 432                          | 1       | 374799<br>443322 |
| 85     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Off Pimlico - Bypass Link Road, Clitheroe, Ribbles Valley, Lancashire<br>Name: Salt Hills Quarry<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD07547<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Deposited Waste included Unknown Material<br>Type:<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 2300/0192<br>BGS Ref: Not Supplied<br>Other Ref: K1/03/042                            | A9NW (SE)                              | 550                          | 1       | 375716<br>442631 |
| 86     | <b>Historical Landfill Sites</b><br>Licence Holder: Not Supplied<br>Location: Clitheroe, Ribbles Valley, Lancashire<br>Name: Atkinsons of Clitheroe<br>Operator Location: Not Supplied<br>Boundary Accuracy: As Supplied<br>Provider Reference: EAHLD07235<br>First Input Date: Not Supplied<br>Last Input Date: Not Supplied<br>Specified Waste: Deposited Waste included Inert Waste<br>Type:<br>EA Waste Ref: Not Supplied<br>Regis Ref: Not Supplied<br>WRC Ref: 2300/0181<br>BGS Ref: Not Supplied<br>Other Ref: K1/03/029  | A7NE (SW)                              | 633                          | 1       | 374619<br>442516 |
| 87     | <b>Licensed Waste Management Facilities (Landfill Boundaries)</b><br>Name: Coplow Quarry<br>Licence Number: 54014<br>Location: Coplow Quarry, Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Licence Holder: Castle Cement Ltd<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction)<br>Max Input Rate: Not Supplied<br>Licence Status: Modified<br>Issued: 13th March 1980<br>Positional Accuracy: Positioned by the supplier<br>Boundary Accuracy: As Supplied       | A13NW (NW)                             | 50                           | 1       | 375131<br>443101 |

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| 88     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 54014<br>Location: Coplow Quarry, Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Operator Name: Castle Cement Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction)<br>Licence Status: Modified<br>Issued: 13th March 1980<br>Last Modified: 5th May 2009<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 100m   | A13NW (NW)                             | 67                           | 1       | 375100<br>443100 |
| 89     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 101189<br>Location: Unit 3 Salthill Ind Est, Lincoln Way, Salthill Ind Est, Clitheroe, Lancashire, BB7 1QD<br>Operator Name: Miles Fox ( Haulage ) Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br>Licence Status: Issued<br>Issued: 29th June 2010<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m  | A8NE (SE)                              | 391                          | 1       | 375417<br>442572 |
| 90     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 54467<br>Location: Council Depot, Lincoln Way, Salthill Industrial Estat, Clitheroe, Lancashire, BB7 1QD<br>Operator Name: Ribble Valley Brough Council<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Household, Commercial And Industrial Transfer Stations<br>Licence Status: Issued<br>Issued: 17th July 2006<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: Not Supplied<br>Positional Accuracy: Located by supplier to within 10m | A8NE (SE)                              | 391                          | 1       | 375470<br>442620 |
| 91     | <b>Licensed Waste Management Facilities (Locations)</b><br>Licence Number: 54488<br>Location: West Bradford Street, Clitheroe, Lancashire, BB7 4QF<br>Operator Name: Castle Cement Ltd<br>Operator Location: Not Supplied<br>Authority: Environment Agency - North West Region, North Area<br>Site Category: Co-disposal Landfill Sites<br>Licence Status: IPPC<br>Issued: 5th January 2007<br>Last Modified: Not Supplied<br>Expires: Not Supplied<br>Suspended: Not Supplied<br>Revoked: Not Supplied<br>Surrendered: Not Supplied<br>IPPC Reference: KP3539BQ<br>Positional Accuracy: Located by supplier to within 10m   | A17SE (NW)                             | 661                          | 1       | 374839<br>443642 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Ribble Valley Borough Council<br>- Had landfill data but passed it to the relevant environment agency  |  | 0                            | 2       | 375201<br>442995 |
|        | <b>Local Authority Landfill Coverage</b><br>Name: Lancashire County Council<br>- Had landfill data but passed it to the relevant environment agency  |  | 0                            | 8       | 375201<br>442995 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 92     | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Castle Cement Ltd<br/>           Licence Reference: L 131<br/>           Site Location: Coplow Quarry, Pimlico Road, Clitheroe, Lancashire<br/>           Licence Easting: Not Supplied<br/>           Licence Northing: Not Supplied<br/>           Operator Location: Ribblesdale Works, Clitheroe, Lancashire, Bb7 4qf<br/>           Authority: Environment Agency - North West Region, Central Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year)</p> <p>Waste Source: Some restriction on source of waste<br/>           Restrictions:<br/>           Status: Operational as far as is knownOperational<br/>           Dated: 1st December 1995<br/>           Preceded By: L 131<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Positioned by the supplier<br/>           Boundary Accuracy: Moderate<br/>           Authorised Waste: Max.Waste Permitted By Licence<br/>           Pelletised Alkaline Residue<br/>           Substandard Clinker/Kiln Coatings<br/>           Uncontam. Soil, Clay ,Nat'L Sand, Rock<br/>           Uncontam.Slate,Glass,Conc',Brick,Ceram<br/>           Prohibited Waste: Waste N.O.S. Whether/Not Pre-TrT/Pack</p> | A13NW (NW)                             | 20                           | 1       | 375146<br>443075 |
| 93     | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Ribblesdale Cement Ltd<br/>           Licence Reference: L 131<br/>           Site Location: Coplow Quarry, Pimlico Road, Clitheroe, Lancashire<br/>           Licence Easting: 375100<br/>           Licence Northing: 443150<br/>           Operator Location: Clitheroe, Lancashire, Bb7 49f<br/>           Authority: Environment Agency - North West Region, Central Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Undefined<br/>           Waste Source: Some restriction on source of waste<br/>           Restrictions:<br/>           Status: Record supersededSuperseded<br/>           Dated: 1st June 1992<br/>           Preceded By: L 131<br/>           Licence:<br/>           Superseded By: L 131<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Concrete &amp; Substandard Clinker<br/>           Glass, Slate, Concrete, Brick, Ceramic<br/>           Kiln Coatings From Cement Manuf.Proc.<br/>           Soil, Clay, Natural Sand, Rock<br/>           Prohibited Waste: Clinical Wastes<br/>           Waste N.O.S.</p>  | A13NW (NW)                             | 108                          | 1       | 375100<br>443150 |
| 93     | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Ribblesdale Cement Ltd<br/>           Licence Reference: L 131<br/>           Site Location: Coplow Quarry, Pimlico Road, Clitheroe, Lancashire<br/>           Licence Easting: 375100<br/>           Licence Northing: 443150<br/>           Operator Location: Clitheroe, Lancashire, Bb7 49f<br/>           Authority: Environment Agency - North West Region, Central Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Undefined<br/>           Waste Source: Some restriction on source of waste<br/>           Restrictions:<br/>           Status: Record supersededSuperseded<br/>           Dated: 16th July 1982<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: L 131<br/>           Licence:<br/>           Positional Accuracy: Manually positioned to the address or location<br/>           Boundary Accuracy: Not Applicable<br/>           Authorised Waste: Cement Waste<br/>           Constr'N/Demol. Inert/Non-Haz/Non-Tox<br/>           Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval</p>  | A13NW (NW)                             | 108                          | 1       | 375100<br>443150 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 94     | <p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Lancs C.C.<br/>           Licence Reference: SR 21<br/>           Site Location: Crosshills, Clitheroe, Lancashire<br/>           Licence Easting: 374500<br/>           Licence Northing: 443300<br/>           Operator Location: PO Box 9, Guildhouse, Cross Street, PRESTON, Lancashire, PR1 8RD<br/>           Authority: Environment Agency - North West Region, Central Area<br/>           Site Category: Landfill<br/>           Max Input Rate: Undefined<br/>           Waste Source: No known restriction on source of waste<br/>           Restrictions:<br/>           Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br/>           Dated: 1st August 1980<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: Construction And Demolition Wastes<br/>           Incinerator Residues<br/>           Pulverised Fuel Ash<br/>           Sewage<br/>           Environment Agency Waste N.O.S<br/>           must give specific authorisation for this waste to be accepted<br/>           Waste requires prior approval</p> | A12NW (NW)                             | 674                          | 1       | 374500<br>443300 |
| 95     | <p><b>Registered Waste Transfer Sites</b></p> <p>Licence Holder: Heatsave Insulation Ltd<br/>           Licence Reference: L 318<br/>           Site Location: Unit 3 Hawthorne Industrial Estate, Lincoln Way, Clitheroe, Lancashire<br/>           Operator Location: Unit 3 Hawthorne Industrial Estate, Clitheroe, Lancashire<br/>           Authority: Environment Agency - North West Region, Central Area<br/>           Site Category: Transfer<br/>           Max Input Rate: Undefined<br/>           Waste Source: Some restriction on source of waste<br/>           Restrictions:<br/>           Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br/>           Dated: 1st September 1990<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: Asbestos In All Forms</p>  | A8SW (S)                               | 846                          | 1       | 375200<br>442040 |
| 96     | <p><b>Registered Waste Treatment or Disposal Sites</b></p> <p>Licence Holder: S Turner - Autoparts Dismantlers<br/>           Licence Reference: L 615<br/>           Site Location: Salthill Industrial Estate, CLITHEROE, Lancashire, BB7 1PE<br/>           Operator Location: As Site Address<br/>           Authority: Environment Agency - North West Region, Central 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: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled<br/>           Dated: 1st December 1994<br/>           Preceded By: Not Given<br/>           Licence:<br/>           Superseded By: Not Given<br/>           Licence:<br/>           Positional Accuracy: Manually positioned within the geographical locality<br/>           Boundary Quality: Not Supplied<br/>           Authorised Waste: Max.Waste Permitted By Licence<br/>           Scrap Vehicles</p>   | A8NE (S)                               | 403                          | 1       | 375300<br>442500 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 97     | <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Name: Johnson Matthey Plc<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, Clitheroe, Lancashire, BB7 4QB<br>Reference: Not Supplied<br>Type: Upper Tier<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address.  | A12NE (NW)                             | 463                          | 4       | 374697<br>443226 |
| 98     | <b>Planning Hazardous Substance Consents</b><br>Name: Synetix/clj Clitheroe<br>Location: Pimlico Industrial Area, West Bradford Road, CLITHEROE, Lancashire, BB7 4QB<br>Authority: Ribble Valley Borough Council<br>Application Ref: 3/2001/0872<br>Hazardous: Unknown at time of report<br>Substance:<br>Maximum Quantity: 0<br>Application date: 19th November 2001<br>Decision: Deemed Consent Granted<br>Positional Accuracy: Manually positioned to the address or location | A12NE (NW)                             | 438                          | 5       | 374713<br>443199 |
| 99     | <b>Planning Hazardous Substance Consents</b><br>Name: Johnson Matthey Plc<br>Location: Pimlico Industrial Area, West Bradford Road, Clitheroe, Bb7 4qb<br>Authority: Ribble Valley Borough Council<br>Application Ref: 3/2008/0498/P<br>Hazardous: Combination of Dangerous Substances<br>Substance:<br>Maximum Quantity: 591<br>Application date: 12th June 2008<br>Decision: Deemed Consent Granted<br>Positional Accuracy: Located by supplier to within 10m                  | A12NE (W)                              | 496                          | 5       | 374636<br>443159 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS 1:825,000 Solid Geology</b><br>Description: Tournaisian and Viséan (Carboniferous Limestone Series)  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13NW (N)                              | 0                            | 6       | 375201<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13SW (NW)                             | 0                            | 6       | 375201<br>442995 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg      | A13NW (NW)                             | 0                            | 6       | 375166<br>443058 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13NW (NW)                             | 24                           | 6       | 375144<br>443078 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13SE (SE)                             | 44                           | 6       | 375291<br>442928 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: <15 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg          | A13SW (W)                              | 83                           | 6       | 375000<br>442995 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A13NW (W)                              | 99                           | 6       | 375000<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A13NW (W)                              | 112                          | 6       | 375000<br>443021 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A13NW (W)                              | 119                          | 6       | 375000<br>443049 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A13NE (E)                              | 185                          | 6       | 375508<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A13NW (N)                              | 213                          | 6       | 375166<br>443314 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A18SW (N)                              | 251                          | 6       | 375195<br>443357 |

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|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A13SE (SE)                             | 257                          | 6       | 375354<br>442690 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 15 - 30 mg/kg      | A13NW (NW)                             | 275                          | 6       | 375000<br>443284 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NE (SE)                              | 290                          | 6       | 375361<br>442653 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A18SW (NW)                             | 326                          | 6       | 375000<br>443346 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: <1.8 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg      | A8NW (S)                               | 462                          | 6       | 375000<br>442462 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic Concentration: 15 - 25 mg/kg<br>Cadmium Concentration: 1.8 - 2.2 mg/kg<br>Chromium Concentration: 60 - 90 mg/kg<br>Lead Concentration: <150 mg/kg<br>Nickel Concentration: 30 - 45 mg/kg | A8NE (S)                               | 484                          | 6       | 375293<br>442414 |

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|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A8NW (S)                               | 499                          | 6       | 375000<br>442422 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A14NW (E)                              | 510                          | 6       | 375834<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | ABNE (S)                               | 512                          | 6       | 375313<br>442390 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A8NE (S)                               | 530                          | 6       | 375226<br>442358 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:          | A7NE (SW)                              | 660                          | 6       | 374612<br>442485 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A14SE (E)                              | 676                          | 6       | 376000<br>442995 |

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|--------|---|--|------------------------------|---------|------------------|
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A14NE (E)                              | 676                          | 6       | 376000<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A14NE (E)                              | 677                          | 6       | 376000<br>443039 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A14SE (E)                              | 685                          | 6       | 376000<br>442905 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A14SE (E)                              | 692                          | 6       | 376000<br>442868 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A9SW (SE)                              | 694                          | 6       | 375571<br>442308 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:      | A14NE (E)                              | 697                          | 6       | 376000<br>443188 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A17SE (NW)                             | 752                          | 6       | 374629<br>443602 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A19SE (NE)                             | 793                          | 6       | 376000<br>443431 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A9NE (SE)                              | 803                          | 6       | 376000<br>442584 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A19SE (NE)                             | 806                          | 6       | 376000<br>443454 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A12NW (W)                              | 814                          | 6       | 374313<br>443220 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A9NE (SE)                              | 816                          | 6       | 376000<br>442560 |



| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A17NE (NW)                             | 821                          | 6       | 374620<br>443685 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:          | A8SW (S)                               | 825                          | 6       | 375000<br>442062 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:          | A12NW (W)                              | 827                          | 6       | 374274<br>443118 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A12SW (W)                              | 843                          | 6       | 374241<br>442966 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A14NE (E)                              | 852                          | 6       | 376176<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A12NW (W)                              | 856                          | 6       | 374229<br>443000 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A17NE (N)                              | 857                          | 6       | 374842<br>443873 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A9NE (SE)                              | 859                          | 6       | 376083<br>442579 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A9NE (SE)                              | 867                          | 6       | 376000<br>442474 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:          | A17SW (NW)                             | 875                          | 6       | 374334<br>443419 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A12SW (W)                              | 876                          | 6       | 374208<br>442959 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:          | A8SW (S)                               | 886                          | 6       | 375201<br>442000 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration:      | A7SW (SW)                              | 892                          | 6       | 374497<br>442274 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A18NW (N)                              | 893                          | 6       | 375201<br>444000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:          | A11NE (W)                              | 894                          | 6       | 374191<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: <15 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 15 - 30 mg/kg<br>Concentration:          | A8SW (S)                               | 905                          | 6       | 375000<br>442000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration: | A15NW (E)                              | 909                          | 6       | 376222<br>443154 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration:      | A18NW (N)                              | 912                          | 6       | 375000<br>443990 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration: | A12NW (W)                              | 915                          | 6       | 374228<br>443273 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A12NW (W)                              | 916                          | 6       | 374220<br>443251 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A18NW (N)                              | 917                          | 6       | 375018<br>444000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A8SW (S)                               | 919                          | 6       | 374939<br>442000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:     | A11NE (W)                              | 920                          | 6       | 374165<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 80 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A12NW (W)                              | 920                          | 6       | 374246<br>443328 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A18NW (N)                              | 921                          | 6       | 375000<br>444000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration: | A7SW (SW)                              | 929                          | 6       | 374467<br>442251 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic <15 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:          | A12NW (W)                              | 930                          | 6       | 374226<br>443308 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 15 - 30 mg/kg<br>Concentration:      | A23SW (N)                              | 933                          | 6       | 375158<br>444038 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A23SW (N)                              | 937                          | 6       | 375106<br>444038 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic 15 - 25 mg/kg<br>Concentration:<br>Cadmium <1.8 mg/kg<br>Concentration:<br>Chromium 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel 30 - 45 mg/kg<br>Concentration:      | A18NW (N)                              | 938                          | 6       | 374939<br>444000 |

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|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: 1.8 - 2.2 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration:   | A15NW (E)                              | 942                          | 6       | 376266<br>443000 |
|        | <b>BGS Estimated Soil Chemistry</b><br>Source: British Geological Survey, National Geoscience Information Service<br>Soil Sample Type: Sediment<br>Arsenic: 15 - 25 mg/kg<br>Concentration:<br>Cadmium: <1.8 mg/kg<br>Concentration:<br>Chromium: 60 - 90 mg/kg<br>Concentration:<br>Lead Concentration: <150 mg/kg<br>Nickel: 30 - 45 mg/kg<br>Concentration:  | A11NE (W)                              | 947                          | 6       | 374165<br>443178 |
| 100    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Coplow<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 10963<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A13NW (NW)                             | 145                          | 3       | 375050<br>443160 |
| 101    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Tower Hill<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92504<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation And Hodder Mudstone Formation (Undifferentiated)<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m | A8NW (S)                               | 340                          | 3       | 375101<br>442556 |
| 102    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Salt Hill Quarry<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92497<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A8NE (S)                               | 353                          | 3       | 375342<br>442570 |
| 103    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Tower Hill<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92505<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A8NW (S)                               | 464                          | 3       | 375051<br>442441 |

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| 104    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bankfield Quarry<br>Location: Pimlico Link Road, Clitheroe, Lancashire, Bb7 4qa<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 2612<br>Type: Opencast<br>Status: Ceased<br>Operator: Tarmac Quarry Materials - Central<br>Operator Location: Tarmac Quarry Materials - Central, Retford Regional Office, Bellmoor Quarry, Great North Road, Retford, Nottinghamshire, Dn22 8sg<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Unknown | A18SE (NE)                             | 479                          | 3       | 375500<br>443500 |
| 105    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bankfield Works<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92511<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A18SE (N)                              | 526                          | 3       | 375376<br>443611 |
| 106    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Salt Hill<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92507<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A9NW (SE)                              | 550                          | 3       | 375566<br>442491 |
| 107    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Horrocksford Works<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92498<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m  | A17SE (NW)                             | 552                          | 3       | 374795<br>443479 |
| 108    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Lane Head Quarry<br>Location: Ribblesdale Cement Works, Clitheroe, Lancashire, Bb7 4qf<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 2616<br>Type: Opencast<br>Status: Active<br>Operator: Hanson Cement<br>Operator Location: Hanson Cement, Padeswood Works, Padeswood, Mold, Flintshire, Ch7 4hb<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Unknown   | A18NW (N)                              | 589                          | 3       | 375200<br>443695 |
| 109    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cross Hill<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92503<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m  | A12NE (NW)                             | 638                          | 3       | 374566<br>443333 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 110    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bellmanpark Works<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92500<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation And Hodder Mudstone Formation (Undifferentiated)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A19SW (NE)                             | 645                          | 3       | 375875<br>443351 |
| 111    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Horrocksford Clay Pit<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92508<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Common Clay and Shale<br>Positional Accuracy: Located by supplier to within 10m   | A18NW (NW)                             | 673                          | 3       | 374899<br>443695 |
| 112    | <b>BGS Recorded Mineral Sites</b><br>Site Name: New House<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92506<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A9NW (SE)                              | 695                          | 3       | 375858<br>442572 |
| 113    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Cross Hill<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92502<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m  | A12NW (W)                              | 754                          | 3       | 374387<br>443234 |
| 114    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bankfield Works<br>Location: , Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92499<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m   | A19SE (NE)                             | 764                          | 3       | 375892<br>443527 |
| 115    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bellman Quarry<br>Location: Ribblesdale Cement Works, Clitheroe, Lancashire, Bb7 4qf<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 6650<br>Type: Opencast<br>Status: Active<br>Operator: Hanson Cement<br>Operator Location: Hanson Cement, Padeswood Works, Padeswood, Mold, Flintshire, Ch7 4hb<br>Periodic Type: Carboniferous<br>Geology: Clitheroe Limestone Formation (Knoll-Reef)<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m | A14SE (E)                              | 788                          | 3       | 376100<br>442880 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 116    | <b>BGS Recorded Mineral Sites</b><br>Site Name: Bankfield Works<br>Location: Clitheroe, Lancashire<br>Source: British Geological Survey, National Geoscience Information Service<br>Reference: 92510<br>Type: Opencast<br>Status: Ceased<br>Operator: Unknown Operator<br>Operator Location: Unknown Operator<br>Periodic Type: Carboniferous<br>Geology: Chatburn Limestone Formation<br>Commodity: Limestone<br>Positional Accuracy: Located by supplier to within 10m | A19NW (NE)                             | 796                          | 3       | 375774<br>443687 |
|        | <b>BGS Measured Urban Soil Chemistry</b><br>No data available  |  |                              |         |                  |
|        | <b>BGS Urban Soil Chemistry Averages</b><br>No data available  |  |                              |         |                  |
|        | <b>Coal Mining Affected Areas</b><br>In an area that might not be affected by coal mining  |  |                              |         |                  |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service   | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Non Coal Mining Areas of Great Britain</b><br>Risk: Highly Unlikely<br>Source: British Geological Survey, National Geoscience Information Service   | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Potential for Collapsible Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Potential for Compressible Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (NW)                             | 0                            | 3       | 375166<br>443058 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (NW)                             | 24                           | 3       | 375144<br>443079 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SE (SE)                             | 43                           | 3       | 375292<br>442929 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (W)                              | 112                          | 3       | 375001<br>443022 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (W)                              | 119                          | 3       | 375001<br>443050 |
|        | <b>Potential for Ground Dissolution Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (N)                              | 214                          | 3       | 375166<br>443315 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (NW)                             | 0                            | 3       | 375166<br>443058 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (NW)                             | 24                           | 3       | 375144<br>443079 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13NW (W)                              | 112                          | 3       | 375001<br>443022 |
|        | <b>Potential for Landslide Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (W)                              | 119                          | 3       | 375001<br>443050 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (NW)                             | 0                            | 3       | 375166<br>443058 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: Very Low<br>Source: British Geological Survey, National Geoscience Information Service  | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <b>Potential for Running Sand Ground Stability Hazards</b><br>Hazard Potential: No Hazard<br>Source: British Geological Survey, National Geoscience Information Service   | A13NW (W)                              | 112                          | 3       | 375001<br>443022 |
|        | <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  | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <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   | A13NW (NW)                             | 24                           | 3       | 375144<br>443079 |
|        | <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  | A13SW (W)                              | 83                           | 3       | 375001<br>442995 |
|        | <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   | A13NW (W)                              | 119                          | 3       | 375001<br>443050 |
|        | <b>Radon Potential - Radon Protection Measures</b><br>Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions<br>Source: British Geological Survey, National Geoscience Information Service | A13SW (W)                              | 0                            | 3       | 375200<br>442995 |
|        | <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   | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a radon affected area, as between 10 and 30% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service       | A13SW (W)                              | 0                            | 3       | 375200<br>442995 |
|        | <b>Radon Potential - Radon Affected Areas</b><br>Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level<br>Source: British Geological Survey, National Geoscience Information Service         | A13SW (NW)                             | 0                            | 3       | 375201<br>442995 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 117    | <b>Contemporary Trade Directory Entries</b><br>Name: Wheelwheelclean<br>Location: Cringle Way, Clitheroe, Lancashire, BB7 2ES<br>Classification: Wheelie Bin Cleaning<br>Status: Inactive<br>Positional Accuracy: Manually positioned within the geographical locality   | A13SW (SW)                             | 53                           | -       | 375072<br>442890 |
| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Primary Mental Health Team<br>Location: Chatburn Road, Clitheroe, Lancashire, BB7 4JX<br>Classification: Hospitals<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A13NE (E)                              | 121                          | -       | 375444<br>443028 |
| 118    | <b>Contemporary Trade Directory Entries</b><br>Name: Clitheroe Community Hospital<br>Location: Chatburn Road, Clitheroe, Lancashire, BB7 4JX<br>Classification: Hospitals<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address  | A13NE (E)                              | 121                          | -       | 375444<br>443028 |
| 119    | <b>Contemporary Trade Directory Entries</b><br>Name: Dial A Mechanic<br>Location: 49, Colthirst Drive, Clitheroe, Lancashire, BB7 2EJ<br>Classification: Mechanical Engineers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A13SW (SW)                             | 201                          | -       | 375003<br>442760 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Deanfield Test Centre<br>Location: Deanfield Test Centre Unit 1, Deanfield Dr, Link 59 Business P, Clitheroe, Lancashire, BB7 1QJ<br>Classification: Mot Testing Centres<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality | A13SE (E)                              | 204                          | -       | 375497<br>442909 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: West Coast 4 X 4<br>Location: Deanfield Test Centre Unit 1, Deanfield Dr, Link 59 Business P, Clitheroe, Lancashire, BB7 1QJ<br>Classification: Car Dealers - Used<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality       | A13SE (E)                              | 204                          | -       | 375497<br>442909 |
| 120    | <b>Contemporary Trade Directory Entries</b><br>Name: Fowler Uk.Com<br>Location: Unit 9, Deanfield Drive, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QJ<br>Classification: Laundry Equipment - Sales & Service<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                      | A13SE (E)                              | 206                          | -       | 375513<br>442936 |
| 121    | <b>Contemporary Trade Directory Entries</b><br>Name: Elan Precision Ltd<br>Location: Deanfield Drive, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QJ<br>Classification: Precision Engineers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A13SE (E)                              | 218                          | -       | 375532<br>442951 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Vacuum Technology<br>Location: Unit 3, Deanfield Court, Link 59 Business Park, CLITHEROE, Lancashire, BB7 1QS<br>Classification: Industrial Engineers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                 | A13SE (SE)                             | 258                          | -       | 375482<br>442813 |
| 122    | <b>Contemporary Trade Directory Entries</b><br>Name: Printec (Uk) Ltd<br>Location: Unit 5, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Printers - Glass, Metal, Plastics Etc.<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address              | A13SE (SE)                             | 261                          | -       | 375463<br>442792 |
| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: Eclipse Window Tinting<br>Location: Unit 6, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Window Tinting<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                | A13SE (SE)                             | 264                          | -       | 375455<br>442780 |

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| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: N & J Aluminium Linings Ltd<br>Location: Unit 9, Deanfield Court, Link 59 Business Park, CLITHEROE, Lancashire, BB7 1QS<br>Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address | A13SE (SE)                             | 267                          | -       | 375427<br>442749 |
| 123    | <b>Contemporary Trade Directory Entries</b><br>Name: P Harrison & Co Ltd<br>Location: Unit C, Deanfield, Link 59 Business Pk, Clitheroe, Lancashire, BB7 1QS<br>Classification: Tyre Dealers<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality  | A13SE (SE)                             | 298                          | -       | 375462<br>442740 |
| 124    | <b>Contemporary Trade Directory Entries</b><br>Name: J Herd & Sons Ltd<br>Location: 5, Dorset Drive, CLITHEROE, Lancashire, BB7 2BQ<br>Classification: Pet Foods & Animal Feeds<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A12SE (SW)                             | 324                          | -       | 374854<br>442718 |
| 124    | <b>Contemporary Trade Directory Entries</b><br>Name: Michael Hoyle & Co Ltd<br>Location: 5, Dorset Drive, Clitheroe, Lancashire, BB7 2BQ<br>Classification: Agricultural Merchants<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A12SE (SW)                             | 324                          | -       | 374854<br>442718 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: A Made Hand<br>Location: Unit 22, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Greeting Card Publishers & Wholesalers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                    | A13SE (SE)                             | 338                          | -       | 375517<br>442737 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: A Brown Ltd<br>Location: Unit 13, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Engineering Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address  | A13SE (SE)                             | 338                          | -       | 375517<br>442737 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: A K Carpets (Automotive) Ltd<br>Location: Unit 15, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Car Component Manufacturers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                              | A13SE (SE)                             | 338                          | -       | 375517<br>442737 |
| 125    | <b>Contemporary Trade Directory Entries</b><br>Name: Tazian Ltd<br>Location: Unit 19, Deanfield Court, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QS<br>Classification: Printers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A13SE (SE)                             | 338                          | -       | 375517<br>442737 |
| 126    | <b>Contemporary Trade Directory Entries</b><br>Name: Track V Road<br>Location: Unit 8, 10, Deanfield Way, Link 59 Business Pk, Clitheroe, Lancashire, BB7 1QU<br>Classification: Car Dealers<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location                                      | A14SW (E)                              | 387                          | -       | 375684<br>442876 |
| 127    | <b>Contemporary Trade Directory Entries</b><br>Name: J H Myers Ltd<br>Location: Salthill Indust Est, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Road Haulage Services<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location   | A8NE (S)                               | 392                          | -       | 375339<br>442526 |
| 128    | <b>Contemporary Trade Directory Entries</b><br>Name: Travis Perkins Trading Co Ltd<br>Location: Deanfield Ct, Link 59 Business Pk, Clitheroe, Lancashire, BB7 1QS<br>Classification: Builders' Merchants<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location  | A14SW (E)                              | 393                          | -       | 375710<br>442946 |

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| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Crofgate Car & Leathercare Ltd<br>Location: Deanfield Way, Link 59 Business Pk, Clitheroe, Lancashire, BB7 1QU<br>Classification: Cleaning Materials & Equipment<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location | A14SW (E)                              | 395                          | -       | 375690<br>442869 |
| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Bottcher (Uk) Ltd<br>Location: Deanfield Way, Link 59 Business Pk, Clitheroe, Lancashire, BB7 1QU<br>Classification: Printing Engineering Services<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality                           | A14SW (E)                              | 416                          | -       | 375723<br>442899 |
| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Grindleton Brewhouse<br>Location: Unit 12, Deanfield Way, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QU<br>Classification: Brewers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A14SW (E)                              | 444                          | -       | 375738<br>442856 |
| 129    | <b>Contemporary Trade Directory Entries</b><br>Name: Track V Road<br>Location: Unit 12, Deanfield Way, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QU<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address  | A14SW (E)                              | 444                          | -       | 375738<br>442856 |
| 130    | <b>Contemporary Trade Directory Entries</b><br>Name: Tarmac Ltd<br>Location: Bankfield Quarry, Pimlico, Clitheroe, Lancashire, BB7 4QA<br>Classification: Quarries<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A12NE (W)                              | 424                          | -       | 374679<br>443072 |
| 131    | <b>Contemporary Trade Directory Entries</b><br>Name: Hargreaves Autos Ltd<br>Location: Unit 4, Deanfield Way, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QU<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A14SW (E)                              | 427                          | -       | 375739<br>442916 |
| 131    | <b>Contemporary Trade Directory Entries</b><br>Name: Geo Broughton & Co Ltd<br>Location: Unit 6, Deanfield Way, Link 59 Business Park, Clitheroe, Lancashire, BB7 1QU<br>Classification: Oil Fuel Distributors<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                               | A14SW (E)                              | 471                          | -       | 375777<br>442890 |
| 132    | <b>Contemporary Trade Directory Entries</b><br>Name: Ashton Agriculture Ltd<br>Location: Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Agricultural Merchants<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                   | A14SW (SE)                             | 459                          | -       | 375697<br>442750 |
| 133    | <b>Contemporary Trade Directory Entries</b><br>Name: Johnson Matthey<br>Location: Clitheroe Works, Pimlico Industrial Area, West Bradford Road, Clitheroe, Lancashire, BB7 4QB<br>Classification: Chemical Manufacturers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                       | A12NE (NW)                             | 463                          | -       | 374697<br>443226 |
| 134    | <b>Contemporary Trade Directory Entries</b><br>Name: Steadplan Ltd<br>Location: Lincoln Park Industrial Site, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Commercial Vehicle Bodybuilders & Repairers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                       | A8NE (SE)                              | 477                          | -       | 375536<br>442564 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: A J A Smith Transport Ltd<br>Location: Salthill, Clitheroe, Lancashire, BB7 1QL<br>Classification: Road Haulage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address  | A9NW (SE)                              | 500                          | -       | 375589<br>442582 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: Lloyd Fraser Dairy Services Ltd<br>Location: Salthill, Clitheroe, Lancashire, BB7 1QL<br>Classification: Road Haulage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A9NW (SE)                              | 500                          | -       | 375589<br>442582 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: A J A Smith Ltd<br>Location: Salthill, Clitheroe, Lancashire, BB7 1QL<br>Classification: Road Haulage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A9NW (SE)                              | 500                          | -       | 375589<br>442582 |
| 135    | <b>Contemporary Trade Directory Entries</b><br>Name: Deli Solutions Ltd<br>Location: Salthill, Clitheroe, Lancashire, BB7 1QL<br>Classification: Food Products - Manufacturers<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality  | A9NW (SE)                              | 537                          | -       | 375632<br>442572 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Miles Fox Haulage Ltd<br>Location: Unit 3, Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Road Haulage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned in the proximity of the address    | A8SE (S)                               | 589                          | -       | 375245<br>442300 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Use It Computers<br>Location: Unit 6, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Computer Manufacturers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned in the proximity of the address                                  | A8SE (S)                               | 589                          | -       | 375245<br>442300 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Multi Stage Presses Ltd<br>Location: Unit 2, Lincoln Park, Salthill Ind Est, Clitheroe, Lancashire, BB7 1QD<br>Classification: Machinery - Industrial & Commercial<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location       | A8SE (S)                               | 605                          | -       | 375223<br>442282 |
| 136    | <b>Contemporary Trade Directory Entries</b><br>Name: Multi Stage Presses Ltd<br>Location: Unit 2, Lincoln Park Industrial Site, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Machinery - Industrial & Commercial<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address | A8SE (S)                               | 607                          | -       | 375223<br>442280 |
| 137    | <b>Contemporary Trade Directory Entries</b><br>Name: Dugdale Nutrition<br>Location: Bellman Mill, Salthill, Clitheroe, Lancashire, BB7 1QW<br>Classification: Pet Foods & Animal Feeds<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location  | A9NW (SE)                              | 594                          | -       | 375786<br>442644 |
| 138    | <b>Contemporary Trade Directory Entries</b><br>Name: E Jackson Ltd<br>Location: Unit 8/9, Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Road Haulage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                           | A8SW (S)                               | 613                          | -       | 375099<br>442279 |
| 138    | <b>Contemporary Trade Directory Entries</b><br>Name: Warnings Fm<br>Location: Unit 8/9, Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Commercial Cleaning Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                      | A8SW (S)                               | 613                          | -       | 375099<br>442279 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: Alpe<br>Location: Lincoln Park Ind Site, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Garage Services<br>Status: Inactive<br>Positional Accuracy: Manually positioned within the geographical locality  | A8SE (S)                               | 621                          | -       | 375248<br>442268 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: J A Tech Products<br>Location: Unit 4, Lincoln Park Industrial Site, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Plastics - Injection Moulding<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address | A8SE (S)                               | 642                          | -       | 375229<br>442245 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: James Alpe Ltd<br>Location: Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Car Body Repairs<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                           | A8SE (S)                               | 645                          | -       | 375210<br>442241 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: Alpe<br>Location: Salthill Industrial Estate, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Car & Commercial Repairs<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                             | A8SE (S)                               | 645                          | -       | 375210<br>442241 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: T & J<br>Location: Unit 6, Lincoln Park Industrial Site, Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Road Haulage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                       | A8SE (S)                               | 658                          | -       | 375231<br>442229 |
| 139    | <b>Contemporary Trade Directory Entries</b><br>Name: Global Cooling Ltd<br>Location: Elindene, Up Brooks, Clitheroe, Lancashire, BB7 1PL<br>Classification: Air Conditioning & Refrigeration Contractors<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address               | A8SE (S)                               | 703                          | -       | 375237<br>442185 |
| 140    | <b>Contemporary Trade Directory Entries</b><br>Name: Pimlico<br>Location: 88, Pimlico Road, Clitheroe, Lancashire, BB7 2AH<br>Classification: Coal & Smokeless Fuel Merchants & Distributors<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                           | A7NE (SW)                              | 635                          | -       | 374611<br>442521 |
| 141    | <b>Contemporary Trade Directory Entries</b><br>Name: Alpe James Ltd<br>Location: Lincoln Way, Clitheroe, Lancashire, BB7 1QD<br>Classification: Commercial Vehicle Bodybuilders & Repairers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                            | A8SE (S)                               | 660                          | -       | 375449<br>442281 |
| 142    | <b>Contemporary Trade Directory Entries</b><br>Name: Hanson Cement<br>Location: Ribblesdale Works, West Bradford Road, Clitheroe, Lancashire, BB7 4QF<br>Classification: Cement Manufacturers & Distributors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address             | A17SE (NW)                             | 661                          | -       | 374839<br>443643 |
| 143    | <b>Contemporary Trade Directory Entries</b><br>Name: C N Motors<br>Location: 4, Up Brook Cottages, Up Brooks, Clitheroe, Lancashire, BB7 1PL<br>Classification: Garage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A8SE (S)                               | 728                          | -       | 375451<br>442209 |
| 143    | <b>Contemporary Trade Directory Entries</b><br>Name: Clitheroe Vehicle Refinishing<br>Location: 2, Up Brook Cottages, Up Brooks, Clitheroe, Lancashire, BB7 1PL<br>Classification: Car Body Repairs<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                    | A8SE (S)                               | 729                          | -       | 375440<br>442204 |
| 144    | <b>Contemporary Trade Directory Entries</b><br>Name: Clitheroe Light Engineering<br>Location: Up Brooks, Clitheroe, Lancashire, BB7 1PL<br>Classification: Engineers - General<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A8SW (S)                               | 754                          | -       | 375191<br>442132 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 145    | <b>Contemporary Trade Directory Entries</b><br>Name: Ian Giles<br>Location: Chatburn Road, Clitheroe, Lancashire, BB7 4JX<br>Classification: Agricultural Engineers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address   | A14NE (E)                              | 767                          | -       | 376039<br>443294 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Paramount Fasteners<br>Location: 10-11, Kendal Street, Clitheroe, Lancashire, BB7 1PA<br>Classification: Nuts, Bolts & Fixings<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                       | A7SE (SW)                              | 777                          | -       | 374766<br>442231 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: C S B Motor Services<br>Location: Capernaum, Kendal Street, Clitheroe, Lancashire, BB7 1PA<br>Classification: Garage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A7SE (SW)                              | 777                          | -       | 374773<br>442226 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: C G W Garage Services<br>Location: The Work Shop, 15, Kendal Street, Clitheroe, Lancashire, BB7 1PA<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location                          | A7SE (SW)                              | 780                          | -       | 374780<br>442219 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Woodfellas<br>Location: The Workshop, 15 Kendal St, Clitheroe, Lancashire, BB7 1PA<br>Classification: Furniture Manufacturers - Home & Office<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the road within the address or location | A7SE (SW)                              | 791                          | -       | 374753<br>442222 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: Kendal Street Garage<br>Location: 13 Kendal St, Clitheroe, Lancashire, BB7 1PA<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Manually positioned to the road within the address or location                               | A7SE (SW)                              | 792                          | -       | 374760<br>442217 |
| 146    | <b>Contemporary Trade Directory Entries</b><br>Name: L I P Harrison<br>Location: North Street, Clitheroe, Lancashire, BB7 1PG<br>Classification: Lighting Manufacturers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A7SE (SW)                              | 823                          | -       | 374719<br>442205 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Ats Euromaster Ltd<br>Location: Salthill Road, Clitheroe, Lancashire, BB7 1NU<br>Classification: Tyre Dealers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A7SE (SW)                              | 826                          | -       | 374751<br>442183 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Clitheroe Mot & Service Centre<br>Location: Salthill Rd, Clitheroe, Lancashire, BB7 1NU<br>Classification: Mot Testing Centres<br>Status: Active<br>Positional Accuracy: Manually positioned within the geographical locality                            | A7SE (SW)                              | 829                          | -       | 374779<br>442162 |
| 147    | <b>Contemporary Trade Directory Entries</b><br>Name: Halls Feed Supplies<br>Location: A, 2, Salthill Road, Clitheroe, Lancashire, BB7 1NU<br>Classification: Pet Foods & Animal Feeds<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location                                | A7SE (SW)                              | 864                          | -       | 374749<br>442140 |
| 148    | <b>Contemporary Trade Directory Entries</b><br>Name: 3m Healthcare Ltd<br>Location: Up Brooks, Clitheroe, Lancashire, BB7 1NX<br>Classification: Pharmaceutical Manufacturers & Distributors<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                | A8SW (S)                               | 835                          | -       | 375114<br>442054 |
| 149    | <b>Contemporary Trade Directory Entries</b><br>Name: Park Garage<br>Location: North Street, Clitheroe, Lancashire, BB7 1PG<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A7SE (SW)                              | 849                          | -       | 374697<br>442188 |



| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|--|--|------------------------------|---------|------------------|
| 149    | <b>Contemporary Trade Directory Entries</b><br>Name: Arbory Group Ltd<br>Location: Unit 3 North St, Clitheroe, Lancashire, BB7 1PG<br>Classification: Glass Fibre Manufacturers<br>Status: Active<br>Positional Accuracy: Manually positioned to the road within the address or location   | A7SE (SW)                              | 871                          | -       | 374689<br>442167 |
| 150    | <b>Contemporary Trade Directory Entries</b><br>Name: Sabden Service Station<br>Location: Unit 1, Up Brooks, CLITHEROE, Lancashire, BB7 1PL<br>Classification: Garage Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A8SE (S)                               | 854                          | -       | 375211<br>442033 |
| 150    | <b>Contemporary Trade Directory Entries</b><br>Name: Castle Motors Ltd<br>Location: Unit 1, Hawthorn Industrial Park, Up Brooks, Clitheroe, Lancashire, BB7 1PL<br>Classification: Garage Services<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A8SE (S)                               | 854                          | -       | 375211<br>442033 |
| 151    | <b>Contemporary Trade Directory Entries</b><br>Name: Ribble Valley Ironing Service<br>Location: 2, Causeway Croft, Clitheroe, Lancashire, BB7 2BP<br>Classification: Ironing & Home Laundry Services<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address   | A7SE (SW)                              | 856                          | -       | 374587<br>442249 |
| 152    | <b>Contemporary Trade Directory Entries</b><br>Name: Spiroflow Ltd<br>Location: Lincoln Way, Clitheroe, Lancashire, BB7 1QG<br>Classification: Engineers - General<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address   | A8SW (S)                               | 869                          | -       | 375033<br>442030 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: The Paper Cup Co<br>Location: Unit 3, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Paper & Cardboard Products & Packaging - Manufacturers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address | A8SW (S)                               | 889                          | -       | 374989<br>442018 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Sabden Motor Bodies<br>Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Car Body Repairs<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                    | A8SW (S)                               | 915                          | -       | 374973<br>441995 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Castle Classic Fireplaces<br>Location: Upbrooks Mill, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Fireplaces & Mantelpieces<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A8SW (S)                               | 915                          | -       | 374973<br>441995 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Gee-Co (Precast) Ltd<br>Location: Upbrooks Mill, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Concrete Products<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address   | A8SW (S)                               | 915                          | -       | 374973<br>441995 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: M J Hughes Ltd<br>Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Car Body Repairs<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address                                       | A8SW (S)                               | 915                          | -       | 374973<br>441995 |
| 153    | <b>Contemporary Trade Directory Entries</b><br>Name: Sabden Motor Bodys Ltd<br>Location: Unit 2, Brookside Industrial Units, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Car Body Repairs<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                                 | A8SW (S)                               | 915                          | -       | 374973<br>441995 |

| Map ID | Details   | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
|--------|---|--|------------------------------|---------|------------------|
| 154    | <b>Contemporary Trade Directory Entries</b><br>Name: J & M Timber Supplies Ltd<br>Location: Upbrooks Sawmill, Taylor Street, Clitheroe, Lancashire, BB7 1NL<br>Classification: Pallets, Crates & Packing Cases<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                  | A8SW (S)                               | 905                          | -       | 374899<br>442027 |
| 155    | <b>Contemporary Trade Directory Entries</b><br>Name: Hawthorne Trading<br>Location: 27, Hawthorne Place, Clitheroe, Lancashire, BB7 2HU<br>Classification: Food Colouring, Flavouring & Additive Manufacturers & Distributors<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address | A7NW (SW)                              | 927                          | -       | 374313<br>442432 |
| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: S & S Hydraulics Ltd<br>Location: Pendle Trading Est, Chatburn, Clitheroe, Lancashire, BB7 4JY<br>Classification: Hydraulic Engineers<br>Status: Active<br>Positional Accuracy: Manually positioned to the address or location                               | A19SE (NE)                             | 990                          | -       | 376180<br>443513 |
| 156    | <b>Contemporary Trade Directory Entries</b><br>Name: Tarmac Topmix Ltd<br>Location: Pendle Trading Estate, Clitheroe Road, Chatburn, Clitheroe, Lancashire, BB7 4JY<br>Classification: Concrete & Mortar Ready Mixed<br>Status: Inactive<br>Positional Accuracy: Manually positioned to the address or location   | A19SE (NE)                             | 991                          | -       | 376181<br>443514 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Affordable Mobility<br>Location: 40-42, York Street, Clitheroe, Lancashire, BB7 2DL<br>Classification: Disability Equipment - Manufacturers & Suppliers<br>Status: Active<br>Positional Accuracy: Automatically positioned to the address                    | A7SE (SW)                              | 992                          | -       | 374609<br>442074 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: Latest Flames<br>Location: 42, York Street, Clitheroe, Lancashire, BB7 2DL<br>Classification: Fireplaces & Mantelpieces<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address  | A7SE (SW)                              | 992                          | -       | 374609<br>442074 |
| 157    | <b>Contemporary Trade Directory Entries</b><br>Name: W Southworth & Son<br>Location: 40-42, York Street, Clitheroe, Lancashire, BB7 2DL<br>Classification: Cabinet Makers<br>Status: Inactive<br>Positional Accuracy: Automatically positioned to the address   | A7SE (SW)                              | 996                          | -       | 374614<br>442087 |
| 158    | <b>Fuel Station Entries</b><br>Name: A J A Smith Transport Hgv<br>Location: Lincoln Way, Clitheroe, Lancashire, Bb7 1ql<br>Brand: Unbranded<br>Premises Type: Petrol Station<br>Status: Non-Retail<br>Positional Accuracy: Manually positioned to the road within the address or location                         | A8NE (S)                               | 407                          | -       | 375281<br>442491 |
| 159    | <b>Fuel Station Entries</b><br>Name: Mrh Roundabout<br>Location: Chatburn Road, Clitheroe, Lancashire, BB7 2AP<br>Brand: BP<br>Premises Type: Petrol Station<br>Status: Open<br>Positional Accuracy: Automatically positioned to the address  | A7SE (SW)                              | 894                          | -       | 374658<br>442158 |

| Map ID | Details  | Quadrant Reference (Compass Direction) | Estimated Distance From Site | Contact | NGR              |
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| 160    | <b>Local Nature Reserves</b><br>Name: Salthill Quarry<br>Multiple Area: Y<br>Area (m2): 86707.98<br>Source: Natural England<br>Designation Date: 1st January 1989  | A13SE (SE)                             | 260                          | 7       | 375384<br>442718 |
| 161    | <b>Local Nature Reserves</b><br>Name: Cross Hill Quarry<br>Multiple Area: N<br>Area (m2): 96579.19<br>Source: Natural England<br>Designation Date: 1st January 1989  | A12NE (NW)                             | 415                          | 7       | 374791<br>443286 |
| 162    | <b>Sites of Special Scientific Interest</b><br>Name: Coplow Quarry<br>Multiple Areas: N<br>Total Area (m2): 51860<br>Source: Natural England<br>Reference: 1002838<br>Designation Details: Geological Conservation Review<br>Designation Date: 21st November 1983<br>Date Type: Notified   | A13NW (NW)                             | 19                           | 7       | 375146<br>443076 |
| 163    | <b>Sites of Special Scientific Interest</b><br>Name: Salthill & Bellmanpark Quarries<br>Multiple Areas: Y<br>Total Area (m2): 176399.21<br>Source: Natural England<br>Reference: 1002604<br>Designation Details: Local Nature Reserve<br>Designation Date: 22nd May 1987<br>Date Type: Notified<br>Designation Details: Geological Conservation Review<br>Designation Date: 22nd May 1987<br>Date Type: Notified | A13SE (SE)                             | 260                          | 7       | 375384<br>442718 |













| <b>Agency &amp; Hydrological</b>  | <b>Version</b>                 | <b>Update Cycle</b>                            |
|---|--------------------------------|--|
| <b>Contaminated Land Register Entries and Notices</b><br>Ribble Valley Borough Council - Environmental Health Department<br>Pendle Borough Council - Environmental Health Department                | February 2013<br>November 2012 | Annual Rolling Update<br>Annual Rolling Update |
| <b>Discharge Consents</b><br>Environment Agency - North West Region   | January 2013                   | Quarterly                                      |
| <b>Enforcement and Prohibition Notices</b><br>Environment Agency - North West Region  | March 2013                     | Quarterly                                      |
| <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  | January 2013                   | Quarterly                                      |
| <b>Local Authority Integrated Pollution Prevention And Control</b><br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department   | June 2012<br>November 2012     | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Controls</b><br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department             | June 2012<br>November 2012     | Annual Rolling Update<br>Annual Rolling Update |
| <b>Local Authority Pollution Prevention and Control Enforcements</b><br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health Department | June 2012<br>November 2012     | 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                     | Monthly  |
| <b>Prosecutions Relating to Controlled Waters</b><br>Environment Agency - North West Region   | March 2013                     | Monthly  |
| <b>Registered Radioactive Substances</b><br>Environment Agency - North West Region  | January 2013                   | Quarterly                                      |
| <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 - Central Area<br>Environment Agency - North West Region - North Area                                    | January 2013<br>January 2013   | Quarterly<br>Quarterly                         |
| <b>Water Abstractions</b><br>Environment Agency - North West Region   | January 2013                   | Quarterly                                      |
| <b>Water Industry Act Referrals</b><br>Environment Agency - North West Region   | January 2013                   | Quarterly                                      |
| <b>Groundwater Vulnerability</b><br>Environment Agency - Head Office  | January 2011                   | 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  | October 2012                   | Annually                                       |
| <b>Superficial Aquifer Designations</b><br>British Geological Survey - National Geoscience Information Service  | October 2012                   | Annually                                       |

| <b>Agency &amp; Hydrological</b>  | <b>Version</b>                     | <b>Update Cycle</b>                                |
|---|------------------------------------|--|
| <b>Source Protection Zones</b><br>Environment Agency - Head Office  | January 2013                       | Quarterly  |
| <b>Extreme Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office   | January 2013                       | Quarterly  |
| <b>Flooding from Rivers or Sea without Defences</b><br>Environment Agency - Head Office   | January 2013                       | Quarterly  |
| <b>Areas Benefiting from Flood Defences</b><br>Environment Agency - Head Office   | January 2013                       | Quarterly  |
| <b>Flood Water Storage Areas</b><br>Environment Agency - Head Office  | January 2013                       | Quarterly  |
| <b>Flood Defences</b><br>Environment Agency - Head Office   | January 2013                       | Quarterly  |
| <b>Waste</b>  | <b>Version</b>                     | <b>Update Cycle</b>                                |
| <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 - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | January 2013<br>January 2013       | Quarterly<br>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 - Central Area<br>Environment Agency - North West Region - North Area   | January 2013<br>January 2013       | Quarterly<br>Quarterly                             |
| <b>Licensed Waste Management Facilities (Locations)</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area   | January 2013<br>January 2013       | Quarterly<br>Quarterly                             |
| <b>Local Authority Landfill Coverage</b><br>Lancashire County Council - Waste Management Group<br>Pendle Borough Council - Environmental Health Department<br>Ribble Valley Borough Council - Environmental Health 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>Pendle Borough Council - Environmental Health Department<br>Lancashire County Council - Waste Management Group<br>Ribble Valley Borough Council - Environmental Health Department | April 2003<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 - Central Area<br>Environment Agency - North West Region - North Area  | March 2003<br>March 2003           | Not Applicable<br>Not Applicable                   |
| <b>Registered Waste Transfer Sites</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area  | March 2003<br>March 2003           | Not Applicable<br>Not Applicable                   |
| <b>Registered Waste Treatment or Disposal Sites</b><br>Environment Agency - North West Region - Central Area<br>Environment Agency - North West Region - North Area   | March 2003<br>March 2003           | Not Applicable<br>Not Applicable                   |

| <b>Hazardous Substances</b>   | <b>Version</b>                              | <b>Update Cycle</b>   |
|---|---|---|
| <b>Control of Major Accident Hazards Sites (COMAH)</b><br>Health and Safety Executive   | March 2013                                  | Bi-Annually   |
| <b>Explosive Sites</b><br>Health and Safety Executive   | March 2013                                  | 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>Pendle Borough Council - Planning<br>Ribble Valley Borough Council<br>Lancashire County Council | February 2013<br>June 2012<br>November 2012 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Planning Hazardous Substance Consents</b><br>Pendle Borough Council - Planning<br>Ribble Valley Borough Council<br>Lancashire County Council     | February 2013<br>June 2012<br>November 2012 | Annual Rolling Update<br>Annual Rolling Update<br>Annual Rolling Update |
| <b>Geological</b>   | <b>Version</b>                              | <b>Update Cycle</b>   |
| <b>BGS 1:625,000 Solid Geology</b><br>British Geological Survey - National Geoscience Information Service   | August 1996                                 | Not Applicable  |
| <b>BGS Estimated Soil Chemistry</b><br>British Geological Survey - National Geoscience Information Service  | January 2010                                | Variable  |
| <b>BGS Recorded Mineral Sites</b><br>British Geological Survey - National Geoscience Information Service  | October 2012                                | Bi-Annually   |
| <b>Brine Compensation Area</b><br>Cheshire Brine Subsidence Compensation Board  | August 2011                                 | Not Applicable  |
| <b>Coal Mining Affected Areas</b><br>The Coal Authority - Mining Report Service   | January 2012                                | 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                                | February 2011                               | Not Applicable  |
| <b>Potential for Collapsible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                    | February 2011                               | Annually  |
| <b>Potential for Compressible Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | February 2011                               | Annually  |
| <b>Potential for Ground Dissolution Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                    | February 2011                               | Annually  |
| <b>Potential for Landslide Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                      | February 2011                               | Annually  |
| <b>Potential for Running Sand Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service                   | February 2011                               | Annually  |
| <b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b><br>British Geological Survey - National Geoscience Information Service     | February 2011                               | 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   |

| <b>Industrial Land Use</b>  | <b>Version</b>                 | <b>Update Cycle</b>        |
|---|--------------------------------|----------------------------|
| <b>Contemporary Trade Directory Entries</b><br>Thomson Directories  | November 2012                  | Quarterly                  |
| <b>Fuel Station Entries</b><br>Catalist Ltd - Experian  | February 2013                  | Quarterly                  |
| <b>Sensitive Land Use</b>   | <b>Version</b>                 | <b>Update Cycle</b>        |
| <b>Areas of Adopted Green Belt</b><br>Pendle Borough Council<br>Ribble Valley Borough Council                 | February 2013<br>February 2013 | As notified<br>As notified |
| <b>Areas of Unadopted Green Belt</b><br>Pendle Borough Council<br>Ribble Valley Borough Council               | February 2013<br>February 2013 | As notified<br>As notified |
| <b>Areas of Outstanding Natural Beauty</b><br>Natural England   | March 2013                     | Bi-Annually                |
| <b>Environmentally Sensitive Areas</b><br>Natural England   | February 2013                  | Annually                   |
| <b>Forest Parks</b><br>Forestry Commission  | April 1997                     | Not Applicable             |
| <b>Local Nature Reserves</b><br>Natural England   | November 2012                  | Bi-Annually                |
| <b>Marine Nature Reserves</b><br>Natural England  | August 2012                    | Bi-Annually                |
| <b>National Nature Reserves</b><br>Natural England  | February 2013                  | Bi-Annually                |
| <b>National Parks</b><br>Natural England  | February 2013                  | Bi-Annually                |
| <b>Nitrate Sensitive Areas</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)  | February 2012                  | Not Applicable             |
| <b>Nitrate Vulnerable Zones</b><br>Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) | February 2013                  | Annually                   |
| <b>Ramsar Sites</b><br>Natural England  | February 2013                  | Bi-Annually                |
| <b>Sites of Special Scientific Interest</b><br>Natural England  | February 2013                  | Bi-Annually                |
| <b>Special Areas of Conservation</b><br>Natural England   | February 2013                  | Bi-Annually                |
| <b>Special Protection Areas</b><br>Natural England  | February 2013                  | 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              |  <b>British Geological Survey</b><br><small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>          |
| Centre for Ecology and Hydrology       |  <b>Centre for Ecology &amp; Hydrology</b><br><small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small> |
| Countryside Council for Wales          |  <b>CYNGOR CEFN GWLAD CYMRU</b><br><b>COUNTRYSIDE COUNCIL FOR WALES</b>                           |
| Scottish Natural Heritage              |   |
| Natural England                        |   |
| Health Protection Agency               |   |
| Ove Arup                               |   |
| Peter Brett Associates                 |   |



| Contact | Name and Address   | Contact Details   |
|---------|--|---|
| 1       | <b>Environment Agency - National Customer Contact Centre (NCCC)</b><br>PO Box 544, Templeborough, Rotherham, S60 1BY                                     | Telephone: 08708 506 506<br>Email: enquiries@environment-agency.gov.uk  |
| 2       | <b>Ribble Valley Borough Council - Environmental Health Department</b><br>Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA                   | Telephone: 01200 425111<br>Fax: 01200 26339<br>Website: www.ribblevalley.gov.uk   |
| 3       | <b>British Geological Survey - Enquiry Service</b><br>British Geological Survey, Kingsley Dunham Centre, Keyworth, 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                          |
| 4       | <b>Health and Safety Executive</b><br>Explosives Inspectorate, 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS   | Website: www.hse.gov.uk   |
| 5       | <b>Ribble Valley Borough Council</b><br>Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA   | Telephone: 01200 425111<br>Fax: 01200 414488<br>Website: www.ribblevalley.gov.uk  |
| 6       | <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@landmark.co.uk<br>Website: www.landmarkinfo.co.uk     |
| 7       | <b>Natural England</b><br>Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA   | Telephone: 0845 600 3078<br>Fax: 01733 455103<br>Email: enquiries@naturalengland.org.uk<br>Website: www.naturalengland.org.uk   |
| 8       | <b>Lancashire County Council - Waste Management Group</b><br>Environment Directorate, Guild House, Cross Street, Preston, Lancashire, PR1 8RD            | Website: www.lancashire.gov.uk  |
| -       | <b>Health Protection Agency - 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@hpa.org.uk<br>Website: www.hpa.org.uk                              |
| -       | <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 / SEPA have a charging policy in place for enquiries.





# Envirocheck®

- General**
- Spaced Site
  - Specified Buffer(s)
  - Boring Reference Point
  - Map ID
  - Source of Type of Location

## Waste

- DCS Recycled Landfill Site (Controlled)
- DCS Recycled Landfill Site
- EA Historic Landfill (Controlled Risk)
- EA Historic Landfill (High Risk)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility
- Local Authority Hazardous Landfill Site (Controlled)
- Local Authority Hazardous Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Controlled)
- Registered Landfill Site (Over Infillments (Disposal))
- Registered Landfill Site (Over Infillments (Zones))
- Registered Waste Transfer Site (Controlled)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site
- Registered Waste Treatment or Disposal Site

## Agency and Hydrological

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

## Geological

- DCS Recycled Mineral Site

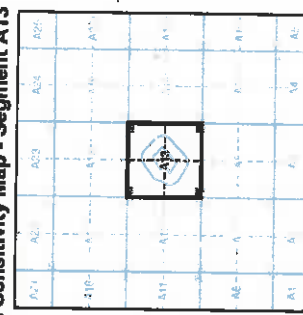
## Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

## Hazardous Substances

- COMAH Site
- Explosive Site
- NEPS Site
- Permitting Hazardous Substance Consent
- Permitting Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13



## Order Details

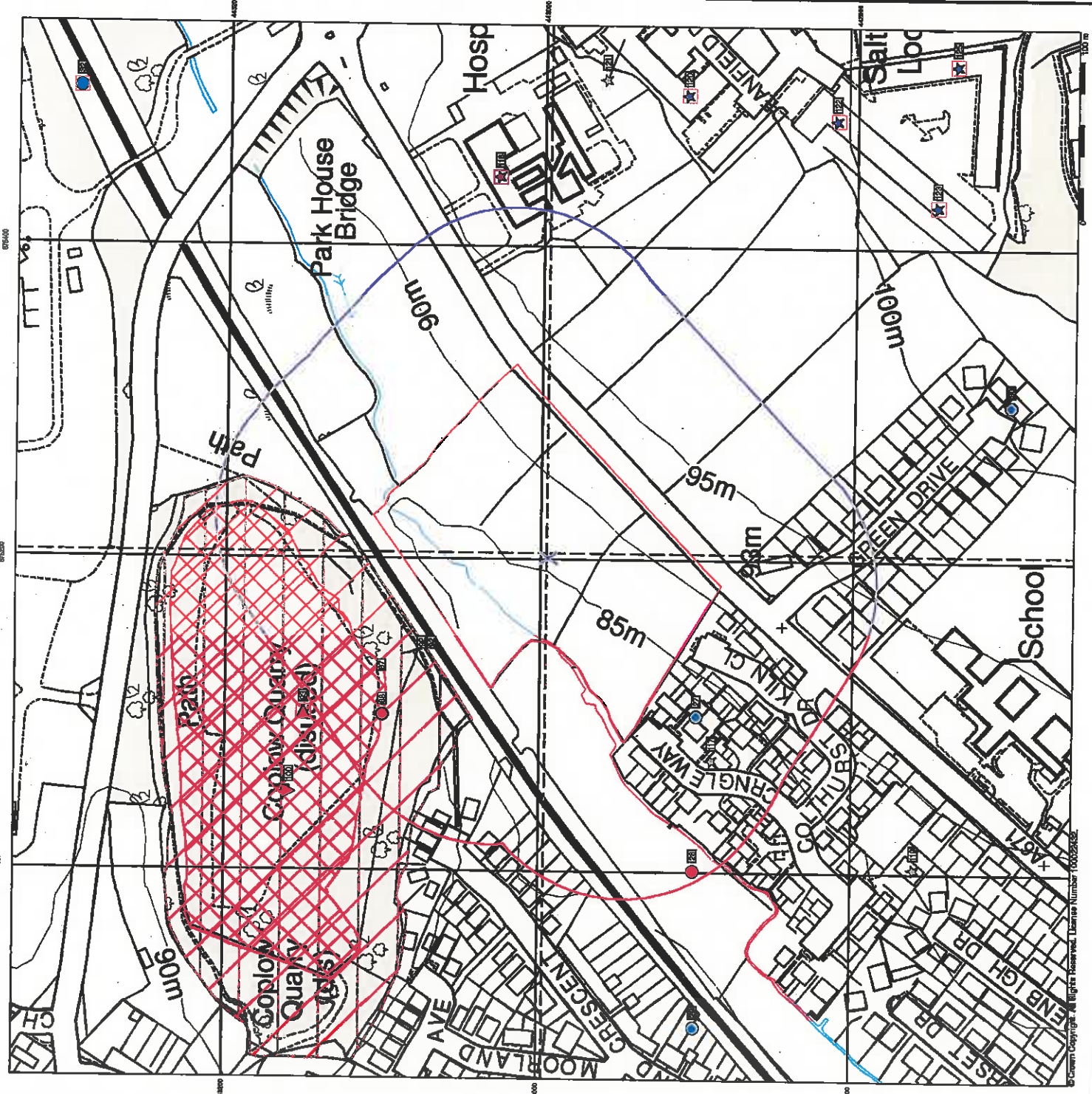
Order Number: 45506389\_1\_1  
 Customer Ref: P45589  
 National Grid Reference: 375200, 442980  
 Site Area (Ha): A 2.62

## Site Details

Chatham Road, Calthorpe, BBT 2EQ



Tel: 0844 844 9857  
 Fax: 0844 844 9857  
 Web: www.envirocheck.co.uk







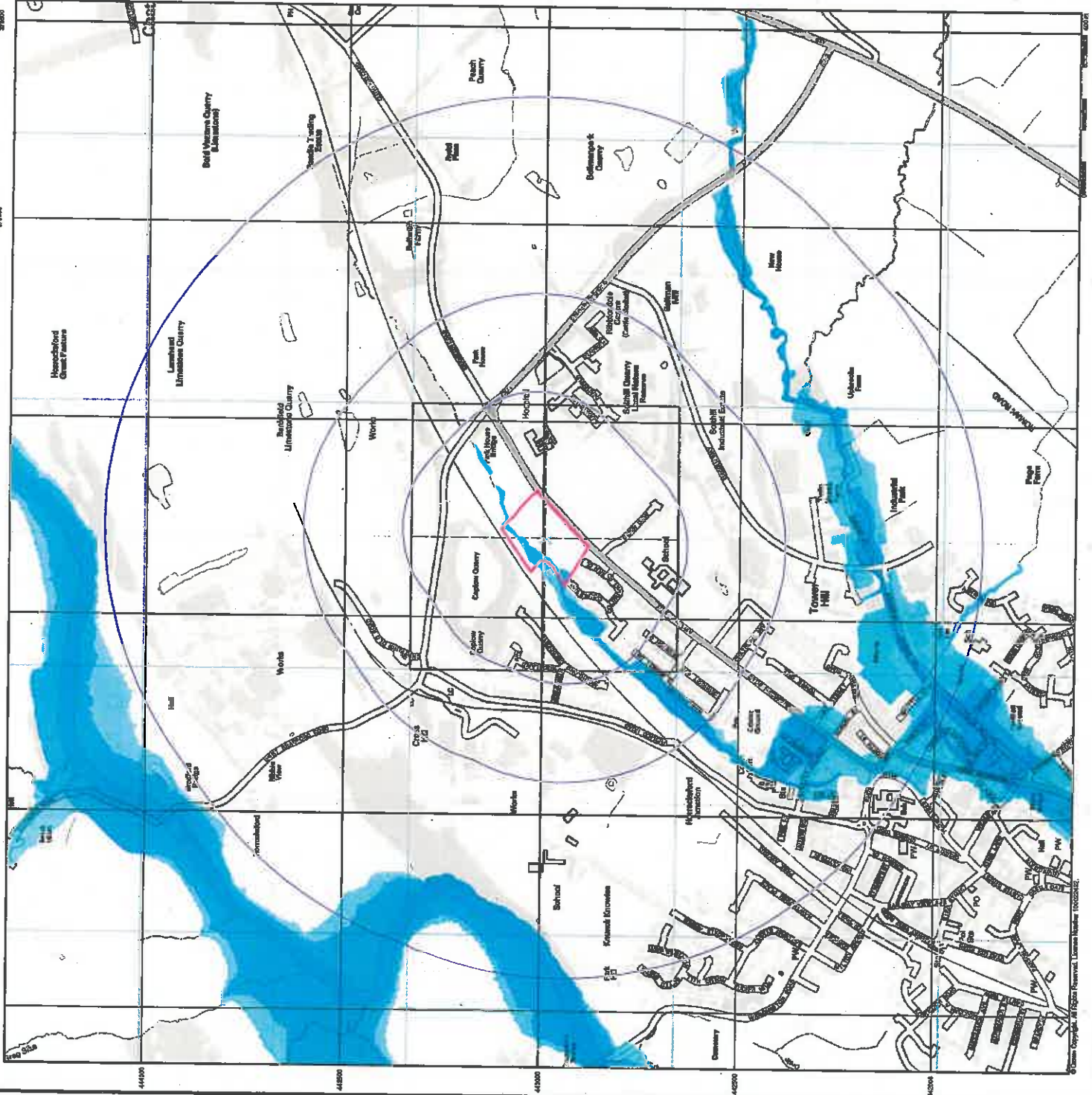


**General**

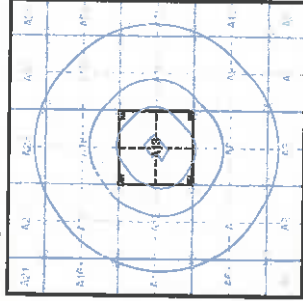
- Specialist Site
- Specialist District
- Receiving Reference Point

**Agency and Hydrological (Flood)**

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence



**Flood Map - Slice A**



**Order Details**  
 Order Number: 4550389\_1\_1  
 Customer Ref: P4569  
 National Grid Reference: 375200, 442990  
 Slice: A  
 Site Area (Ha): 2.62  
 Search Buffer (m): 1000

**Site Details**  
 Chaburn Road, Cillieroe, BBT 2EQ



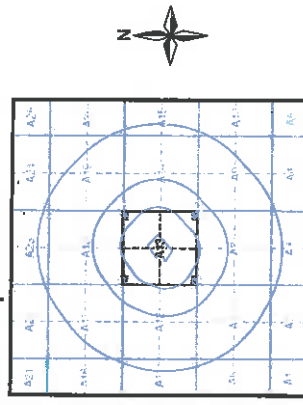


- General**
- Specified Site
  - Specified Buffer (m)
  - ✕ Bearing Reference Point
  - Map ID
  - Street of Type & Location
- Agency and Hydrological (Boreholes)**
- BGS Borehole Depth 0 - 10m
  - BGS Borehole Depth 10 - 20m
  - BGS Borehole Depth 30m +
  - Continental
  - Other

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**

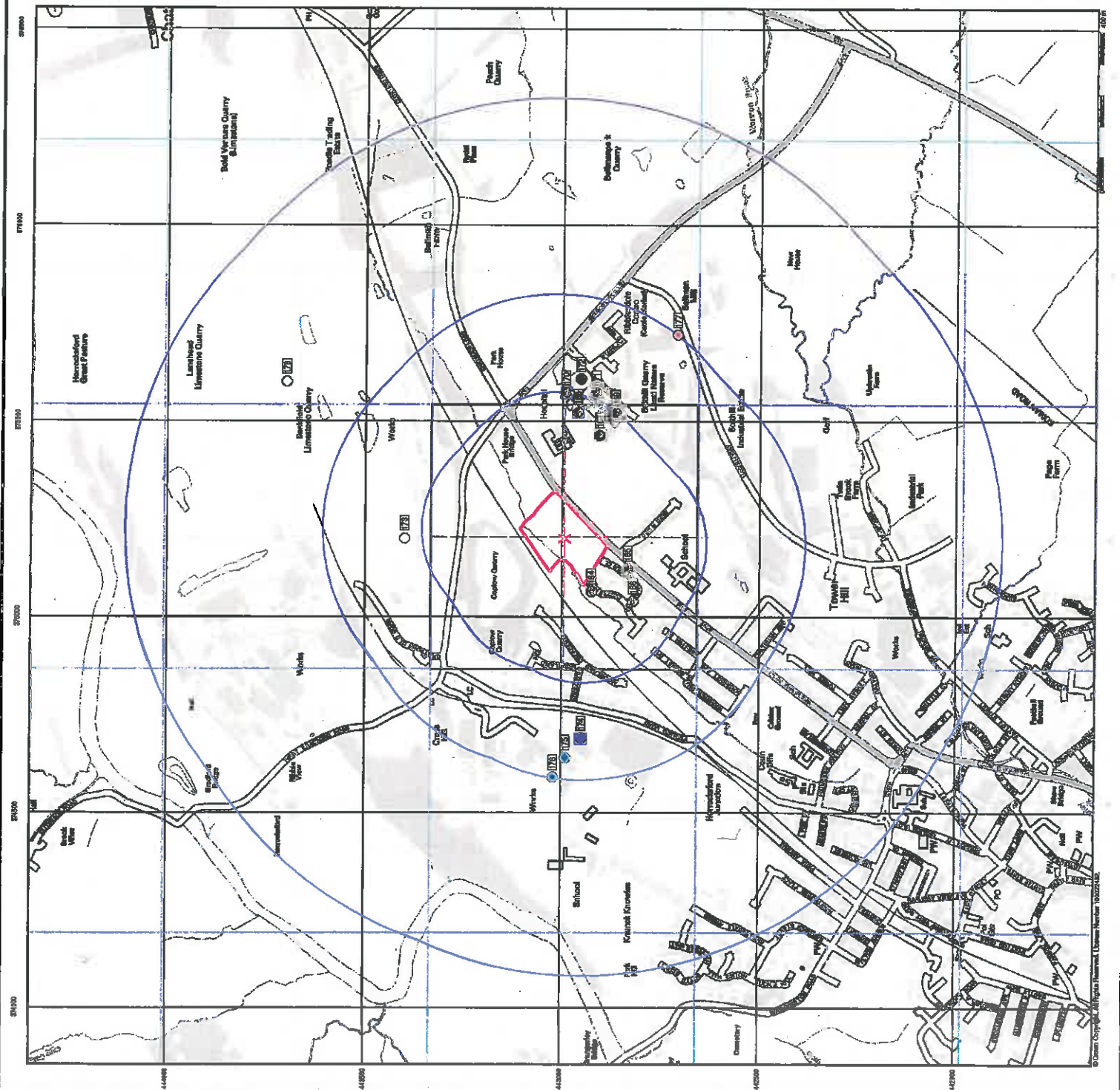
Order Number: 45506389\_1\_1  
 Customer Ref: P4559  
 National Grid References: 375200, 442980

**Site Details**

Site Area (Ha): 2.62  
 Search Buffer (m): 1000

**Site Details**

Chatburn Road, Clitheroe, BB7 2EQ





## **APPENDIX 4: LOCAL AUTHORITY INFORMATION**

---

**From:** Terry Longden [mailto:Terry.Longden@ribblevalley.gov.uk]  
**Sent:** 13 May 2013 11:05  
**To:** Michelle Pickford  
**Cc:** Simon Hartley  
**Subject:** RE: Environmental informaton

Good Morning Michelle, thank you for the prompt.

Unfortunately we have no detailed information on this site in respect of potential contamination and cannot therefore assist you with this matter.

Regards

**Terry Longden**  
**Head of Engineering Services**  
Tel.01200 414523  
Mob 07932 604 981  
[terry.longden@ribblevalley.gov.uk](mailto:terry.longden@ribblevalley.gov.uk)

---

**From:** Michelle Pickford [mailto:michelle.pickford@thomasconsulting.co.uk]  
**Sent:** 13 May 2013 09:42  
**To:** Terry Longden  
**Subject:** FW: Environmental informaton

Good morning Mr Longden,

Please could you let me know when you may be able to respond to this so that we can arrange payment for the information?

Best regards,

Michelle

---

**From:** Michelle Pickford  
**Sent:** 08 May 2013 14:51  
**To:** 'terry.longden@ribblevalley.gov.uk'  
**Subject:** Environmental informaton

Good afternoon Mr Longden,

We are currently undertaking a Preliminary Risk Assessment on a site on Chatburn Road, Clitheroe (a site plan is attached) and wondered if you held any information on this site that that you could provide us for use in the assessment? Does the Authority have any reason to consider that the site is contaminated land? Also in particular we would be interested if you held any information on gas generation and migration within the former quarry to the north of the site.

Please could you let me know if there is a charge for this information and when the information may be available?

Best regards,

Michelle

**Michelle Pickford** MSc CSci MIEEnvSc  
Senior Geoenvironmental Engineer

**THOMAS CONSULTING LTD**

Civil & Structural Engineers  
32 Eaton Avenue  
Matrix Park  
Buckshaw Village  
Chorley  
PR7 7NA  
Telephone: (01772) 299040  
Fax: (01772) 457860  
Mobile:  
michelle.pickford@thomasconsulting.co.uk  
[www.Thomasconsulting.co.uk](http://www.Thomasconsulting.co.uk)



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## **APPENDIX 5: SITE RECONNAISSANCE PHOTOGRAPHS**



**Photograph 1**

**View to northwest of site area**



**Photograph 2**

**View of stone animal pen on site**



**Photograph 3**

**View of further animal pen on site**





**Photograph 4**

**View of animal pen on site**



**Photograph 5**

**View of stockpile of  
construction materials on  
site**



**Photograph 6**

**View of drainage channel  
on site with pipe outlet**



**Photograph 7**

**View of drainage channel on southern part of site with pipe out let and hydrocarbon sheen**



**Photograph 8**

**View of litter on western part of the site**



**Photograph 9**

**View to northwest of watercourse on site**



**Photograph 10**

**View to north-northeast of watercourse on site.**

**Picture also shows elevation of adjacent railway line**



**Photograph 11**

**View of stockpile of tree branches on northern part of the site.**



Site 142 Adjacent Kirk Close, Chatburn Road, Clitheroe

Scale: 1:2500 SD7542NW Do not scale from this plan. ©Crown Copyright. All rights reserved. Licence No. 100018641 March 2009