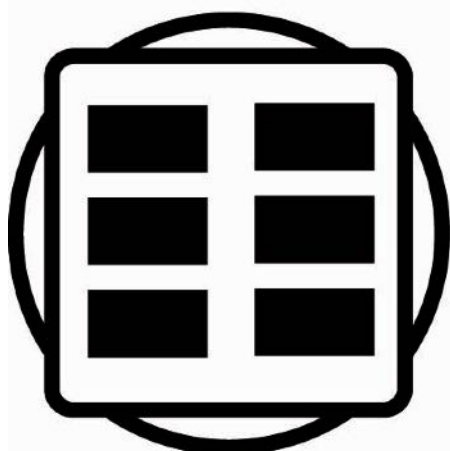




**Mugen**  
Geo Ltd.

**SITE-SPECIFIC**

**FLOOD RISK ASSESSMENT**

**62 BRADFORD ROAD  
HUDDERSFIELD  
HD1 6JE**

Document Status: FINAL  
Revision: v1

For  
**Mr A Mohammed**  
**62 Bradford Road**  
**Huddersfield**  
**HD1 6BB**

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Job N° MGEO 20 09 HD1 6JE

Date: September 2020

## Executive Summary and Conceptual Site Model

|              |                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site Setting | Client                                         | Mr A Mohammed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Site                                           | 62 Bradford Road Huddersfield HD1 6JE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|              | Site Location                                  | NGR 414508 417673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|              | Current Land Use & Development Proposal        | The site was occupied by the existing terraced house a garden. It is understood that it is planned to change the use of the building from residential to community use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|              | Surrounding Area                               | The site was situated within an urban setting with residential and commercial uses within the Fartown area of Huddersfield.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|              | Geology                                        | The British Geological Survey (BGS) 1:50,000 scale map solid & drift Digital Geological Map of Great Britain indicates the site is underlain by the solid geology of the Pennine Lower Coal Measures of Carboniferous age, a sequence of a sequence of mudstone, siltstones and sandstones. These strata will weather to both cohesive and granular strata depending on the site aspect and local conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|              | Hydrogeology                                   | The aquifers within the bedrock deposits are designated as 'Secondary A'. These are described as permeable layers capable of supporting water supplies at a local rather than strategic scale, and a source of base flow to rivers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|              | Findings from the desk study and site walkover |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|              | Summary Findings                               | <p>The guidance for the assessment of risk on a site-specific basis is normally undertaken for new planning developments. For an existing development, such as at this site, the judgements and considerations relating to flood risk are somewhat different and the overall assessment of risk at the site is based upon the considerations below.</p> <p>The site is occupied by a terraced house that was constructed sometime prior to 1890 and has evidently been constructed with consideration of periodic flooding. The basement and steps up to the ground floor level has raised the property above the majority of previous flood levels. It is also noted there are no records of flooding in the area. It is understood anecdotally that basements in neighbouring buildings are in use and have not been subject to previous flooding in recent years.</p> <p>Based on the past history of the site the probability of the site being affected by flooding from the noted sources is considered to be low. It is evidenced from the construction that the building was designed to accommodate flood waters and remains in good structural condition.</p> <p>The change of use is considered unlikely to create significant new hazards however some mitigation is recommended. It should be assumed that a future flooding event will occur but understanding that these are infrequent and several flood warning systems should allow adequate time to protect site users and interior fixtures and fittings</p> |

This is only a summary. The full report should be considered in its entirety.

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Appendix A – Site Location Plans

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Note: This report has been formatted to be read as a PDF.

## **1 Introduction**

Mugen Geo Ltd (Mugen Geo) was commissioned, on behalf of Mr A Mohammed to carry out a site-specific flood risk assessment of '62 Bradford Road Huddersfield HD1 6JE' (the site).

### **1.1 Scope and objective of the report**

This report has been prepared in support of an planning application for a change of use. It is understood that it is planned to develop the site primarily for community use.

This report has been prepared to provide a site-specific assessment of the potential problems associated with flood risk at the site. Although outside the scope of the planning regime, the report has been prepared following guidance from Planning and Policy Statement 25 (ref.1).

The Flood Risk Assessment (FRA) comprised a desk-based review of current and historical information, environmental, geological and hydrological information, together with the findings of a site walkover.

The simple purpose of this report is to appraise the flood risk and establish whether the development is likely to be affected by current or future flooding from any source.

### **1.2 Information Sources**

This report has been prepared from published information and information provided by the client and other parties, including anecdotal information.

The supplied regulatory data and historical OS maps obtained from Groundsure provide an environmental database that includes information from the following organisations:

- Environment Agency
- British Geological Survey
- Ordnance Survey
- Coal Authority
- Health Protection Agency
- Natural England
- Department for Environment, Food and Rural Affairs (DEFRA)

The study has not included checks on services on or adjacent to the site, and no structural, ecological or asbestos surveys have been carried out.

### **1.3 Limitations**

This report has been prepared for the sole use and reliance of the Client named above and cannot be relied upon by any other parties without the express written authorisation of Mugen Geo Ltd. Any unauthorised third party relies on this report at their own risk and the authors owe them no duty of care.

Draft versions of this report cannot be relied upon and Mugen Geo Ltd accept no liability for decisions made based upon any draft versions circulated as part of project development. Please refer to the FINAL report only for decision making purposes.

The findings and opinions conveyed in this report is based on information obtained from sources which Mugen Geo Ltd believe are reliable. All reasonable endeavours have been made to source the information from reputable organisations; however, Mugen Geo Ltd accepts no responsibility for inaccuracies in the data supplied or for opinions based on any such inaccurate data. No attempt has been made to independently verify any data collected by others or from other sources. The Report does not constitute any legal advice. As such, the advice of a Solicitor may also be required.

The purchased environmental dataset reports are based upon known, published information and may not comprise a complete record of all features of relevance. An explanation of the datasets used, their sources, assumed definitions and limitations is available on request.

Mugen Geo Ltd reserves the right to amend their conclusions and recommendations in the light of further information that may become available.

## 2 Site Location and Description

### 2.1 Site Location

The site comprised the existing terraced house at 62 Bradford Road within the Fartown area of Huddersfield as shown in Figures 1 & 2 below and the site photos included as appendix C.

Site details are summarised in Table 2.1 below:

| Detail             | Remarks                                                           |
|--------------------|-------------------------------------------------------------------|
| Location           | 62 Bradford Road Huddersfield HD1 6JE                             |
| NGR                | NGR 414508 417673                                                 |
| Area               | 0.02ha                                                            |
| Potential services | Underground sewers, drainage, gas, electric, water cable/telecoms |

Table 2.1 – Site Summary



Map data ©2019 Google

Figure 1 – Indicative site location map.

## 2.2 General Description of Site

A site visit was undertaken by Mugen Geo on the 9<sup>th</sup> September 2020 to examine the current site condition. The immediate surroundings of the site were observed from public rights of way. No visual evidence of contamination was identified.

The site comprised the existing residential property at the time of inspection. The property was accessed via steps up from the pavement level and had a basement that is understood to extend under the whole building.

No evidence of Japanese Knotweed or other invasive species was identified during the site walkover, however, a detailed inspection of the fauna was not undertaken.



Figure 2 – Extract of Development Plan

## 2.3 Surrounding Area

The site was situated within an urban setting with residential and commercial uses within the Fartown area of Huddersfield.

## 2.4 Ordnance Survey Maps

The historic development of the site and surrounding land has been summarised with reference to publicly available map records. Historically, maps were updated at regular intervals, providing a record of site uses and changes in use over time, however, they only provide a 'snapshot' of land use at the time of the survey and activities that may have taken place between surveys is not known and in some cases sensitive information (such as military sites) would not be recorded.

The history of the site has been studied in order to identify past uses of the site and immediate environs. The Ordnance Survey map records show the site was developed with the existing property sometime prior to 1890. It is noted that Hebble Beck bridge is present to the south of the site and that the beck is marked meandering north west to south east approximately 60m south west of the site. It is also noted by 1918 that some form of banking has been constructed to the south west to create a banking against flooding for the new railway line to the west of the site. These features are considered relevant to the conceptual model.

The map records are available for inspection on the Kirklees Council website and were not purchased to save project costs.

### **3 Geo-environmental Setting**

#### **3.1 GroundSure EnviroInsight Report**

GroundSure's EnviroInsight report was obtained for the site and is included as part of appendix B. The reports are based on the British Geological Survey (BGS) geological maps, Environment Agency, GroundSure data and miscellaneous other geological and environmental sources.

The reports provide important geo-environmental data for the site and its surroundings and summarises details relating to the site that is useful for development purposes. Only issues that are significant or directly relevant to the conceptual model have been highlighted below for brevity but the data from the reports has been considered in their entirety.

#### **3.2 Climate Change**

As outlined in PPS25, there is a body of scientific evidence that demonstrates that the global climate is changing, in part, as a result of human activity. Past, present and future emissions of greenhouse gases are expected to cause significant global climate change during this century. Models suggest that at a regional level affects will vary: for the UK, more frequent short-duration, high intensity rainfall and more frequent periods of long-duration rainfall of the type responsible for the 2000 floods could be expected. Sea levels will continue to rise.

Based on a 100 years typical lifespan for residential developments, the contingency allowances for climate change set out in Tables B1 and B2 of PPS25 potentially applicable to this site are:

- 30% increase in peak rainfall intensity between 2085 to 2115;
- 20% increase in peak in river flow;

The site is located on land near to the fluvial floodplain with a number of drains and ponds at the site and adjoining land. The impact of climate change has to be taken into account in any assessment of future risk. For some sites mitigation measures will be put in place in order to ensure the safety of the development.

#### **3.3 Geology**

The British Geological Survey (BGS) 1:50,000 scale map solid & drift Digital Geological Map of Great Britain indicates the site is underlain by the solid geology of the Pennine Lower Coal Measures of Carboniferous age, a sequence of a sequence of mudstone, siltstones and sandstones. These strata will weather to both cohesive and granular strata depending on the site aspect and local conditions.

### **3.4 Hydrogeology**

Within all aquifers, groundwater tends to flow from areas where groundwater is recharged and follows the topography from elevated escarpments to lower slopes. Variation in groundwater flow directions can occur where local groundwater recharge is impacted by spatial differences in precipitation & surface infiltration rates.

The complexity of the regional fault system of the Carboniferous deposits in the area leads to significant spatial variability in the regional groundwater flow pattern and groundwater contour levels. Faulting can isolate blocks of rock and create new connexions affecting hydraulic conductivity at a local scale. It can also be impacted by coal mining and associated dewatering activities. Due to the complex hydrogeology, the whole sequence is considered in general terms as an aquifer.

Since April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive.

The aquifers within the bedrock deposits are designated as 'Secondary A'. These are described as permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.

Details provided by the Environment Agency in the GroundSure EnviroInsight report, indicate there to be no licensed surface water or groundwater abstraction points within 500m of the site.

There are no source protection zones within 500m of the site.

There were no groundwater or surface water abstraction licenses within 500m of the site.

### **3.5 Hydrology**

#### **3.5.1 Surface Waters**

The nearest surface water feature was Hebble Beck recorded 57m south of the site.

#### **3.5.2 Water Framework Directive**

The Water Framework Directive aims to provide protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments. The site is located within the Colne and Holme Operational Catchment.

### **3.6 Flood Zone 2**

The site is identified to be within an area of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

#### **3.6.1 Risk of Flooding from Rivers and Sea**

The data supplied by the Environment Agency in the GroundSure EnviroInsight report indicates that the site is located within low risk flooding area designated to be at risk from flooding from rivers or seas and flood water storage areas.

The possible causes of flooding within the Holme & Colne catchment area include:

- Overflow of watercourses and existing flood defences including water retention facilities such as flood storage reservoirs/washlands and storm water balancing ponds;
- Breaching of flood defences (including flood storage areas);
- Mechanical, structural or operational failure (including due to blockages) of hydraulic structures, pumps etc;
- Localised surface water flooding (including sewer flooding, highway drainage flooding and overland flooding);
- Manmade waterways such as reservoirs and canals;
- Functional Floodplains or Washlands; and
- Groundwater flooding.

#### **3.6.2 Surface Water Flooding**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

#### **3.6.3 Groundwater Flooding**

Groundwater flooding risk is recorded as low. Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property.

This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM) and in an urban environment it's the modelling is likely to be less accurate.

#### **3.6.3.1 Historical Flood Events**

There are no records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date.

These records are considered to take into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

#### **3.6.3.2 Flood Defences**

There are no records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales.

#### **3.6.3.3 Flood Storage Areas**

There are no records of flood storage areas within 250m of the site.

## **4 Site-specific Flood Risk Assessment**

### **4.1 Introduction**

A Conceptual Site Model (CSM) is intended to provide a testable representation of the environmental processes on a site and in its vicinity. Its purpose is to identify potential sources, their pathways & receptors with a view to identifying (initially) potential and (eventually) significant flood linkages (ref.1).

### **4.2 Qualitative Risk Assessment**

The assessment of risk is defined in the Environment Agency as being a consideration of both:

- The likelihood of an event (probability) [taking account of both the presence of the hazard and receptor and the integrity of the pathway]; and
- The severity of the potential consequence [taking account of both the potential severity of the hazard and the sensitivity of the receptor].

#### **4.2.1 Preliminary Assessment**

The guidance for the assessment of risk on a site-specific basis is normally undertaken for new planning developments. For an existing development, such as at this site, the judgements and considerations relating to flood risk are somewhat different and the overall assessment of risk at the site is based upon the considerations below.

The site is occupied by a terraced house that was constructed sometime prior to 1890 and has evidently been constructed with consideration of periodic flooding. The basement and steps up to the ground floor level has raised the property above the majority of previous flood levels. It is also noted there are no records of flooding in the area. It is understood anecdotally that basements in neighbouring buildings are in use and have not been subject to previous flooding in recent years.

Based on the past history of the site the probability of the site being affected by flooding from the noted sources is considered to be low. It is evidenced from the construction that the building was designed to accommodate flood waters and remains in good structural condition.

The change of use is considered unlikely to create significant new hazards however some mitigation is recommended. It should be assumed that a future flooding event will occur but understanding that these are infrequent and several flood warning systems should allow adequate time to protect site users and interior fixtures and fittings.

#### **Mitigation Measures**

A simple flood warning alarm within the basement will warn site occupants of rising water levels providing adequate time to move or raise any moveable items from the ground floor up to the second floor. A dual flood and fire alarm activated by alarm

buttons on each floor would be used to provide time for evacuation and protection of people and personal items.

The Kirklees Council website notes, in its coverage of flood risk that 'It is not possible to totally remove the risk of flooding which is why it is important that every home and business does everything possible to reduce its own risk'. It would therefore be intended that the development of the ground floor level would retain its existing finished floor levels but materials used would be chosen to be flood resilient and the design of features is being considered in detail as part of the building renovations.

Flood resilience is being planned as part of the design of the change of use. All new buildings and structures and detailed plans will reference BRE Digest 532 and ensure that new construction materials are suitable. Features such as flood barriers and could be installed at the building entrances and exits, however, their effectiveness as part of the terrace of houses is to be questioned in the event of a flood that rises above the door step level.

Water levels in the area will rise incrementally in the most likely scenarios and a detailed flood evacuation plan will be prepared for the building. People remaining on site would make use of the upper floor of the existing building as a place of refuge and for the storage of furniture and other items from the basement. The use of materials such as soft woods and plaster and plaster board for formwork should be avoided where possible at basement and ground floor level.

All water channels, drainage gullies and runs should be kept clear and free flowing. If, at any stage during the construction any significant changes from the assumed ground conditions or building condition are found, this should be brought to the attention of Mugen Geo Ltd and appropriate advice sought.

## 5 References

1. Department of the Environment, Transport and the Regions and Environment Agency, Model Procedures for the Management of Land Contamination. Contaminated Land Report 11.
2. EA and NHBC 2000. Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D Publication 66.
3. Department of the Environment, Transport and the Regions, Environment Agency and Institute of Environmental Health. Guidelines for Environmental Risk Assessment and Management. HMSO July 2000.
4. Construction Industry Research and Information Association (CIRIA). Contaminated Land Risk Assessment. A Guide to Good Practice. CIRIA C552 2001.
5. DoE, 1995 Industry Profiles.
6. EA, 2003b Consultation on Agency Policy: Building Development on or within 250m of a landfill site.
7. OPDM Planning Policy Statement 23: Planning and Pollution Control. Annex 2 Development on Land Affected by Contamination.
8. Approved Document C – Site Preparation and Resistance to Contaminants and Moisture (Relating to Building Regulations 2000 (SI 2000/2531)).
9. BSI, 2011 Investigation of Potentially Contaminated Sites, Code of Practice, BS: 10175.
10. EA, 2001 Secondary Model Procedure for the Development of Appropriate Soil Sampling Strategies for Land Contamination.
11. Environment Agency 2009: Updated technical background to the CLEA model Science report SC050021/SR3, Bristol, Environment Agency
12. Yorkshire & Humberside Pollution Advisory Council 2011. Development on Land Affected by Contamination - Technical Guidance for Developers Landowners & Consultants.
13. LQM 2007 Contaminated Land Management: Ready Reference 2007
14. A geological background for planning and development in the City of Bradford Metropolitan District. Vol. 1: A guide to the use of earth science information in planning and development. Technical Report WA/96/1 British Geological Survey.

APPENDIX A  
SITE LOCATION PLAN



**EXTRACT OF DEVELOPMENT PLAN**  
[Not to scale]

↑  
**NORTH**

APPENDIX B  
ENVIRONMENTAL DATA

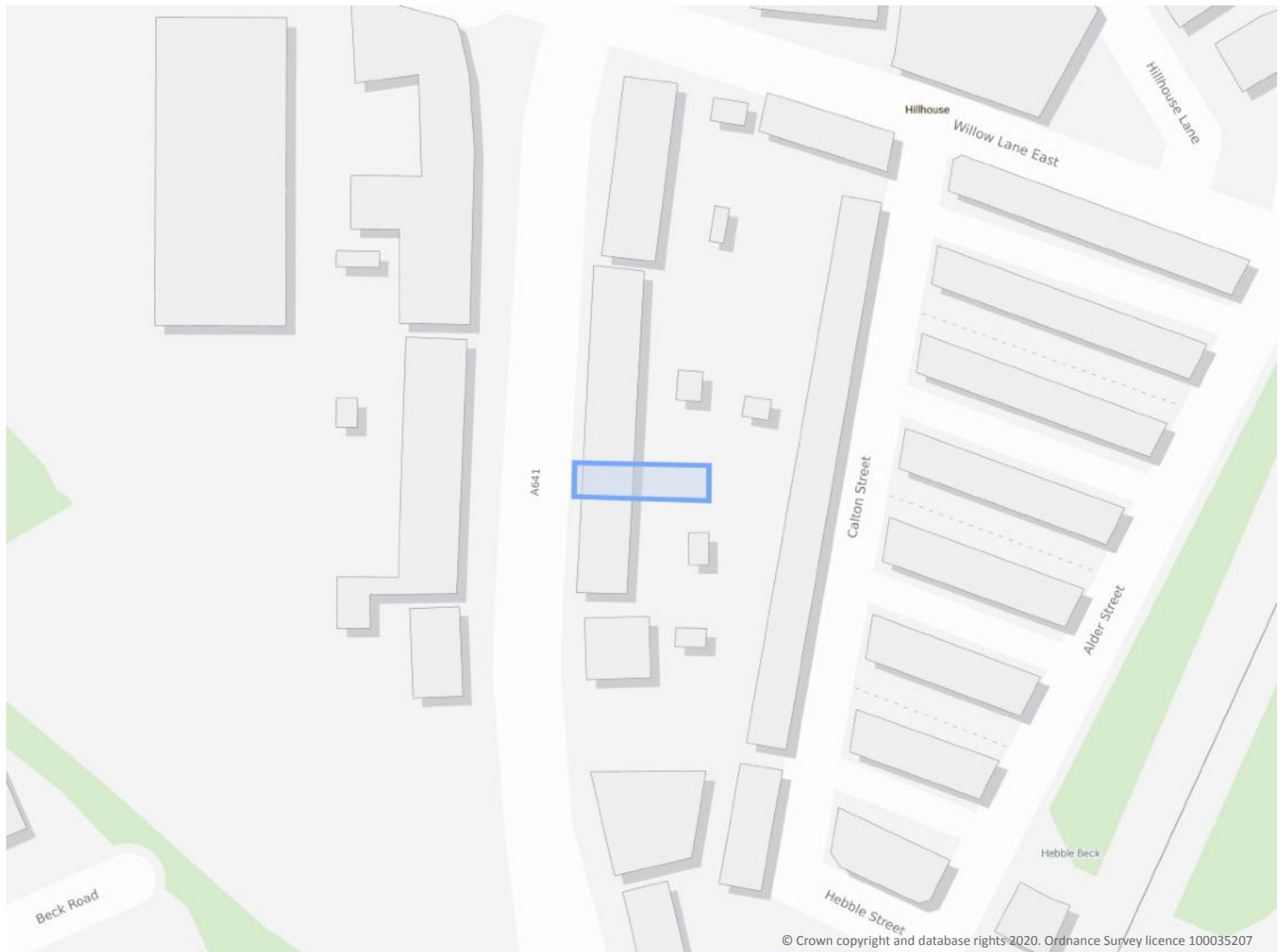
62, BRADFORD ROAD, FARTOWN, HUDDERSFIELD, HD1 6JE

## Order Details

**Date:** 10/09/2020  
**Your ref:** 20\_09\_HD1\_6JE  
**Our Ref:** GS-7044190  
**Client:** Mugen Geo Ltd

## Site Details

**Location:** 414508 417673  
**Area:** 0.02 ha  
**Authority:** [Kirklees Council](#)



**Summary of findings**

p. 2 **Aerial image**

p. 6

**OS MasterMap site plan**

p. 9 [groundsure.com/insightuserguide](https://groundsure.com/insightuserguide)

## Summary of findings

| Page               | Section             | Past land use                                        | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
|--------------------|---------------------|------------------------------------------------------|---------|-------|---------|----------|-----------|
| <a href="#">10</a> | <a href="#">1.1</a> | <a href="#">Historical industrial land uses</a>      | 0       | 0     | 26      | 98       | -         |
| <a href="#">15</a> | <a href="#">1.2</a> | <a href="#">Historical tanks</a>                     | 0       | 0     | 1       | 48       | -         |
| <a href="#">17</a> | <a href="#">1.3</a> | <a href="#">Historical energy features</a>           | 0       | 0     | 7       | 15       | -         |
| <a href="#">18</a> | <a href="#">1.4</a> | <a href="#">Historical petrol stations</a>           | 0       | 0     | 0       | 1        | -         |
| <a href="#">19</a> | <a href="#">1.5</a> | <a href="#">Historical garages</a>                   | 0       | 3     | 1       | 27       | -         |
| <a href="#">20</a> | <a href="#">1.6</a> | <a href="#">Historical military land</a>             | 0       | 0     | 0       | 1        | -         |
| Page               | Section             | Past land use - un-grouped                           | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| <a href="#">21</a> | <a href="#">2.1</a> | <a href="#">Historical industrial land uses</a>      | 0       | 0     | 32      | 139      | -         |
| <a href="#">28</a> | <a href="#">2.2</a> | <a href="#">Historical tanks</a>                     | 0       | 0     | 1       | 63       | -         |
| <a href="#">30</a> | <a href="#">2.3</a> | <a href="#">Historical energy features</a>           | 0       | 0     | 7       | 30       | -         |
| <a href="#">32</a> | <a href="#">2.4</a> | <a href="#">Historical petrol stations</a>           | 0       | 0     | 0       | 1        | -         |
| <a href="#">32</a> | <a href="#">2.5</a> | <a href="#">Historical garages</a>                   | 0       | 5     | 2       | 38       | -         |
| Page               | Section             | Waste and landfill                                   | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 35                 | 3.1                 | Active or recent landfill                            | 0       | 0     | 0       | 0        | -         |
| 35                 | 3.2                 | Historical landfill (BGS records)                    | 0       | 0     | 0       | 0        | -         |
| 36                 | 3.3                 | Historical landfill (LA/mapping records)             | 0       | 0     | 0       | 0        | -         |
| <a href="#">36</a> | <a href="#">3.4</a> | <a href="#">Historical landfill (EA/NRW records)</a> | 0       | 0     | 0       | 1        | -         |
| <a href="#">36</a> | <a href="#">3.5</a> | <a href="#">Historical waste sites</a>               | 0       | 0     | 4       | 1        | -         |
| <a href="#">37</a> | <a href="#">3.6</a> | <a href="#">Licensed waste sites</a>                 | 0       | 0     | 2       | 13       | -         |
| <a href="#">43</a> | <a href="#">3.7</a> | <a href="#">Waste exemptions</a>                     | 0       | 0     | 7       | 12       | -         |
| Page               | Section             | Current industrial land use                          | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| <a href="#">45</a> | <a href="#">4.1</a> | <a href="#">Recent industrial land uses</a>          | 0       | 1     | 30      | -        | -         |
| <a href="#">47</a> | <a href="#">4.2</a> | <a href="#">Current or recent petrol stations</a>    | 0       | 0     | 1       | 0        | -         |
| 48                 | 4.3                 | Electricity cables                                   | 0       | 0     | 0       | 0        | -         |
| 48                 | 4.4                 | Gas pipelines                                        | 0       | 0     | 0       | 0        | -         |
| 48                 | 4.5                 | Sites determined as Contaminated Land                | 0       | 0     | 0       | 0        | -         |



|             |                |                                                               |                          |              |                |                 |                  |
|-------------|----------------|---------------------------------------------------------------|--------------------------|--------------|----------------|-----------------|------------------|
| <b>48</b>   | <b>4.6</b>     | <b><u>Control of Major Accident Hazards (COMAH)</u></b>       | 0                        | 0            | 1              | 0               | -                |
| 49          | 4.7            | Regulated explosive sites                                     | 0                        | 0            | 0              | 0               | -                |
| <b>49</b>   | <b>4.8</b>     | <b><u>Hazardous substance storage/usage</u></b>               | 0                        | 0            | 0              | 1               | -                |
| <b>49</b>   | <b>4.9</b>     | <b><u>Historical licensed industrial activities (IPC)</u></b> | 0                        | 0            | 33             | 4               | -                |
| <b>54</b>   | <b>4.10</b>    | <b><u>Licensed industrial activities (Part A(1))</u></b>      | 0                        | 0            | 0              | 12              | -                |
| <b>56</b>   | <b>4.11</b>    | <b><u>Licensed pollutant release (Part A(2)/B)</u></b>        | 0                        | 0            | 4              | 6               | -                |
| 57          | 4.12           | Radioactive Substance Authorisations                          | 0                        | 0            | 0              | 0               | -                |
| <b>57</b>   | <b>4.13</b>    | <b><u>Licensed Discharges to controlled waters</u></b>        | 0                        | 0            | 1              | 7               | -                |
| 59          | 4.14           | Pollutant release to surface waters (Red List)                | 0                        | 0            | 0              | 0               | -                |
| <b>59</b>   | <b>4.15</b>    | <b><u>Pollutant release to public sewer</u></b>               | 0                        | 0            | 0              | 2               | -                |
| <b>59</b>   | <b>4.16</b>    | <b><u>List 1 Dangerous Substances</u></b>                     | 0                        | 0            | 0              | 5               | -                |
| <b>60</b>   | <b>4.17</b>    | <b><u>List 2 Dangerous Substances</u></b>                     | 0                        | 0            | 0              | 1               | -                |
| <b>60</b>   | <b>4.18</b>    | <b><u>Pollution Incidents (EA/NRW)</u></b>                    | 0                        | 0            | 1              | 1               | -                |
| <b>61</b>   | <b>4.19</b>    | <b><u>Pollution inventory substances</u></b>                  | 0                        | 0            | 0              | 5               | -                |
| <b>63</b>   | <b>4.20</b>    | <b><u>Pollution inventory waste transfers</u></b>             | 0                        | 0            | 0              | 1               | -                |
| 64          | 4.21           | Pollution inventory radioactive waste                         | 0                        | 0            | 0              | 0               | -                |
| <b>Page</b> | <b>Section</b> | <b>Geology (basic)</b>                                        |                          |              |                |                 |                  |
| 65          | 5.1            | Superficial geology (625k)                                    | None (within 500m)       |              |                |                 |                  |
| <b>65</b>   | <b>5.2</b>     | <b><u>Bedrock geology (625k)</u></b>                          | Identified (within 500m) |              |                |                 |                  |
| <b>Page</b> | <b>Section</b> | <b>Hydrogeology</b>                                           | <b>On site</b>           | <b>0-50m</b> | <b>50-250m</b> | <b>250-500m</b> | <b>500-2000m</b> |
| <b>66</b>   | <b>6.1</b>     | <b><u>Superficial aquifer</u></b>                             | Identified (within 500m) |              |                |                 |                  |
| <b>68</b>   | <b>6.2</b>     | <b><u>Bedrock aquifer</u></b>                                 | Identified (within 500m) |              |                |                 |                  |
| <b>70</b>   | <b>6.3</b>     | <b><u>Groundwater vulnerability</u></b>                       | Identified (within 50m)  |              |                |                 |                  |
| 71          | 6.4            | Groundwater vulnerability- soluble rock risk                  | None (within 0m)         |              |                |                 |                  |
| 71          | 6.5            | Groundwater vulnerability- local information                  | None (within 0m)         |              |                |                 |                  |
| <b>72</b>   | <b>6.6</b>     | <b><u>Groundwater abstractions</u></b>                        | 0                        | 0            | 2              | 5               | 22               |
| <b>79</b>   | <b>6.7</b>     | <b><u>Surface water abstractions</u></b>                      | 0                        | 0            | 0              | 3               | 15               |
| <b>84</b>   | <b>6.8</b>     | <b><u>Potable abstractions</u></b>                            | 0                        | 0            | 2              | 5               | 0                |
| <b>86</b>   | <b>6.9</b>     | <b><u>Source Protection Zones</u></b>                         | 0                        | 0            | 0              | 2               | -                |



| 86        | 6.10               | Source Protection Zones (confined aquifer)                  | 0                                            | 0     | 0       | 0        | -         |
|-----------|--------------------|-------------------------------------------------------------|----------------------------------------------|-------|---------|----------|-----------|
| Page      | Section            | Hydrology                                                   | On site                                      | 0-50m | 50-250m | 250-500m | 500-2000m |
| <b>87</b> | <b><u>7.1</u></b>  | <b><u>Water Network (OS MasterMap)</u></b>                  | 0                                            | 0     | 3       | -        | -         |
| 88        | 7.2                | Surface water features                                      | 0                                            | 0     | 0       | -        | -         |
| <b>88</b> | <b><u>7.3</u></b>  | <b><u>WFD Surface water body catchments</u></b>             | 1                                            | -     | -       | -        | -         |
| <b>88</b> | <b><u>7.4</u></b>  | <b><u>WFD Surface water bodies</u></b>                      | 0                                            | 0     | 1       | -        | -         |
| <b>89</b> | <b><u>7.5</u></b>  | <b><u>WFD Groundwater bodies</u></b>                        | 1                                            | -     | -       | -        | -         |
| Page      | Section            | River and coastal flooding                                  | On site                                      | 0-50m | 50-250m | 250-500m | 500-2000m |
| <b>90</b> | <b><u>8.1</u></b>  | <b><u>Risk of Flooding from Rivers and Sea (RoFRaS)</u></b> | Low (within 50m)                             |       |         |          |           |
| 91        | 8.2                | Historical Flood Events                                     | 0                                            | 0     | 0       | -        | -         |
| 91        | 8.3                | Flood Defences                                              | 0                                            | 0     | 0       | -        | -         |
| 91        | 8.4                | Areas Benefiting from Flood Defences                        | 0                                            | 0     | 0       | -        | -         |
| 91        | 8.5                | Flood Storage Areas                                         | 0                                            | 0     | 0       | -        | -         |
| <b>92</b> | <b><u>8.6</u></b>  | <b><u>Flood Zone 2</u></b>                                  | Identified (within 50m)                      |       |         |          |           |
| 93        | 8.7                | Flood Zone 3                                                | None (within 50m)                            |       |         |          |           |
| Page      | Section            | Surface water flooding                                      |                                              |       |         |          |           |
| <b>94</b> | <b><u>9.1</u></b>  | <b><u>Surface water flooding</u></b>                        | 1 in 30 year, Greater than 1.0m (within 50m) |       |         |          |           |
| Page      | Section            | Groundwater flooding                                        |                                              |       |         |          |           |
| <b>96</b> | <b><u>10.1</u></b> | <b><u>Groundwater flooding</u></b>                          | Low (within 50m)                             |       |         |          |           |
| Page      | Section            | Environmental designations                                  | On site                                      | 0-50m | 50-250m | 250-500m | 500-2000m |
| 97        | 11.1               | Sites of Special Scientific Interest (SSSI)                 | 0                                            | 0     | 0       | 0        | 0         |
| 98        | 11.2               | Conserved wetland sites (Ramsar sites)                      | 0                                            | 0     | 0       | 0        | 0         |
| 98        | 11.3               | Special Areas of Conservation (SAC)                         | 0                                            | 0     | 0       | 0        | 0         |
| 98        | 11.4               | Special Protection Areas (SPA)                              | 0                                            | 0     | 0       | 0        | 0         |
| 98        | 11.5               | National Nature Reserves (NNR)                              | 0                                            | 0     | 0       | 0        | 0         |
| <b>99</b> | <b><u>11.6</u></b> | <b><u>Local Nature Reserves (LNR)</u></b>                   | 0                                            | 0     | 0       | 0        | 1         |
| <b>99</b> | <b><u>11.7</u></b> | <b><u>Designated Ancient Woodland</u></b>                   | 0                                            | 0     | 0       | 0        | 2         |
| 99        | 11.8               | Biosphere Reserves                                          | 0                                            | 0     | 0       | 0        | 0         |
| 100       | 11.9               | Forest Parks                                                | 0                                            | 0     | 0       | 0        | 0         |



| 100        | 11.10        | Marine Conservation Zones                      | 0                   | 0     | 0       | 0        | 0         |
|------------|--------------|------------------------------------------------|---------------------|-------|---------|----------|-----------|
| <b>100</b> | <b>11.11</b> | <b><u>Green Belt</u></b>                       | 0                   | 0     | 0       | 0        | 1         |
| 100        | 11.12        | Proposed Ramsar sites                          | 0                   | 0     | 0       | 0        | 0         |
| 101        | 11.13        | Possible Special Areas of Conservation (pSAC)  | 0                   | 0     | 0       | 0        | 0         |
| 101        | 11.14        | Potential Special Protection Areas (pSPA)      | 0                   | 0     | 0       | 0        | 0         |
| 101        | 11.15        | Nitrate Sensitive Areas                        | 0                   | 0     | 0       | 0        | 0         |
| 101        | 11.16        | Nitrate Vulnerable Zones                       | 0                   | 0     | 0       | 0        | 0         |
| <b>102</b> | <b>11.17</b> | <b><u>SSSI Impact Risk Zones</u></b>           | 1                   | -     | -       | -        | -         |
| 103        | 11.18        | SSSI Units                                     | 0                   | 0     | 0       | 0        | 0         |
| Page       | Section      | Visual and cultural designations               | On site             | 0-50m | 50-250m | 250-500m | 500-2000m |
| 104        | 12.1         | World Heritage Sites                           | 0                   | 0     | 0       | -        | -         |
| 105        | 12.2         | Area of Outstanding Natural Beauty             | 0                   | 0     | 0       | -        | -         |
| 105        | 12.3         | National Parks                                 | 0                   | 0     | 0       | -        | -         |
| <b>105</b> | <b>12.4</b>  | <b><u>Listed Buildings</u></b>                 | 1                   | 9     | 6       | -        | -         |
| 106        | 12.5         | Conservation Areas                             | 0                   | 0     | 0       | -        | -         |
| 106        | 12.6         | Scheduled Ancient Monuments                    | 0                   | 0     | 0       | -        | -         |
| 107        | 12.7         | Registered Parks and Gardens                   | 0                   | 0     | 0       | -        | -         |
| Page       | Section      | Agricultural designations                      | On site             | 0-50m | 50-250m | 250-500m | 500-2000m |
| <b>108</b> | <b>13.1</b>  | <b><u>Agricultural Land Classification</u></b> | Urban (within 250m) |       |         |          |           |
| 109        | 13.2         | Open Access Land                               | 0                   | 0     | 0       | -        | -         |
| 109        | 13.3         | Tree Felling Licences                          | 0                   | 0     | 0       | -        | -         |
| 109        | 13.4         | Environmental Stewardship Schemes              | 0                   | 0     | 0       | -        | -         |
| 109        | 13.5         | Countryside Stewardship Schemes                | 0                   | 0     | 0       | -        | -         |
| Page       | Section      | Habitat designations                           | On site             | 0-50m | 50-250m | 250-500m | 500-2000m |
| 110        | 14.1         | Priority Habitat Inventory                     | 0                   | 0     | 0       | -        | -         |
| 110        | 14.2         | Habitat Networks                               | 0                   | 0     | 0       | -        | -         |
| 110        | 14.3         | Open Mosaic Habitat                            | 0                   | 0     | 0       | -        | -         |
| 110        | 14.4         | Limestone Pavement Orders                      | 0                   | 0     | 0       | -        | -         |

## Recent aerial photograph

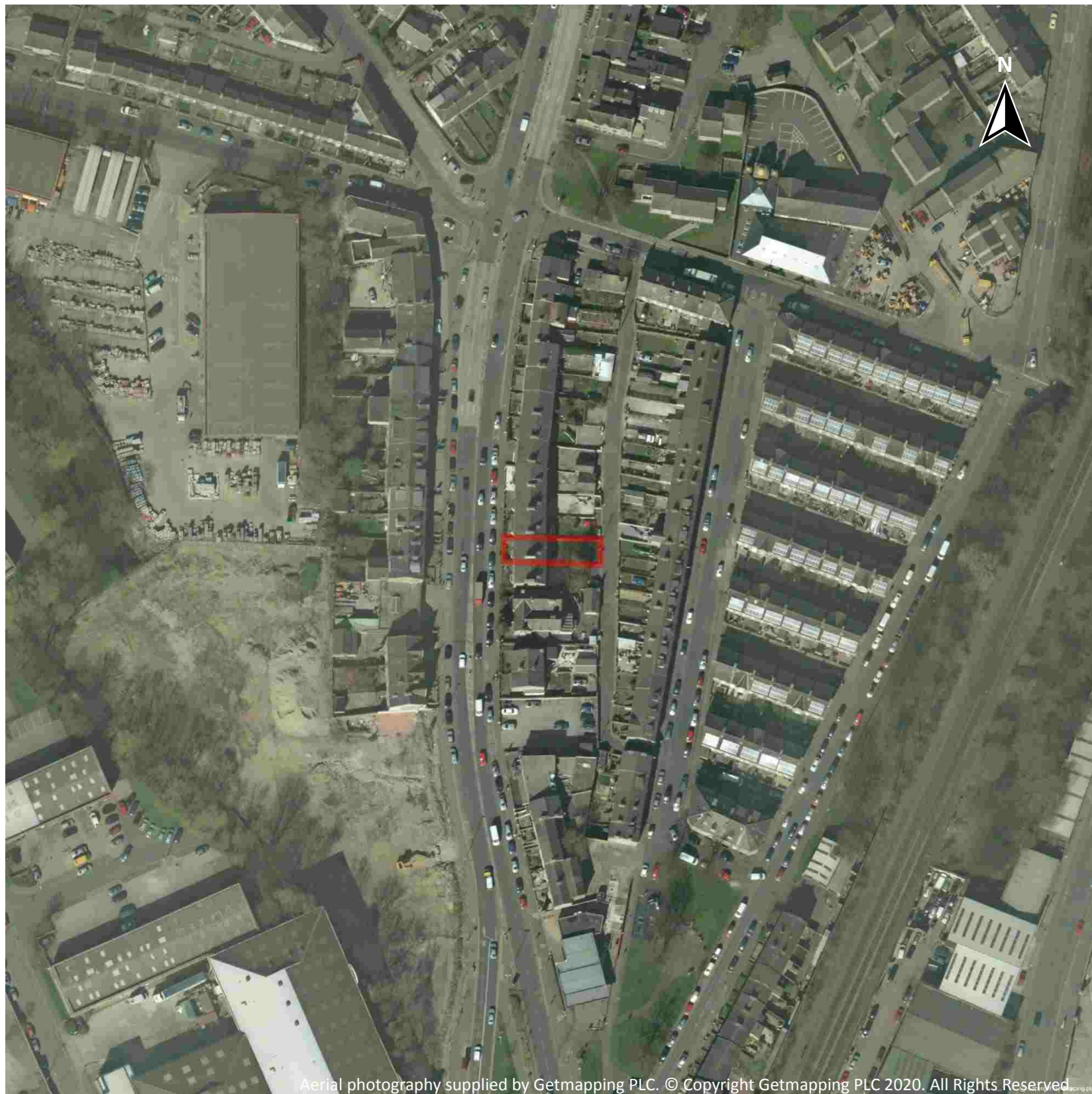


Capture Date: 01/07/2018

Site Area: 0.02ha



## Recent site history - 2012 aerial photograph



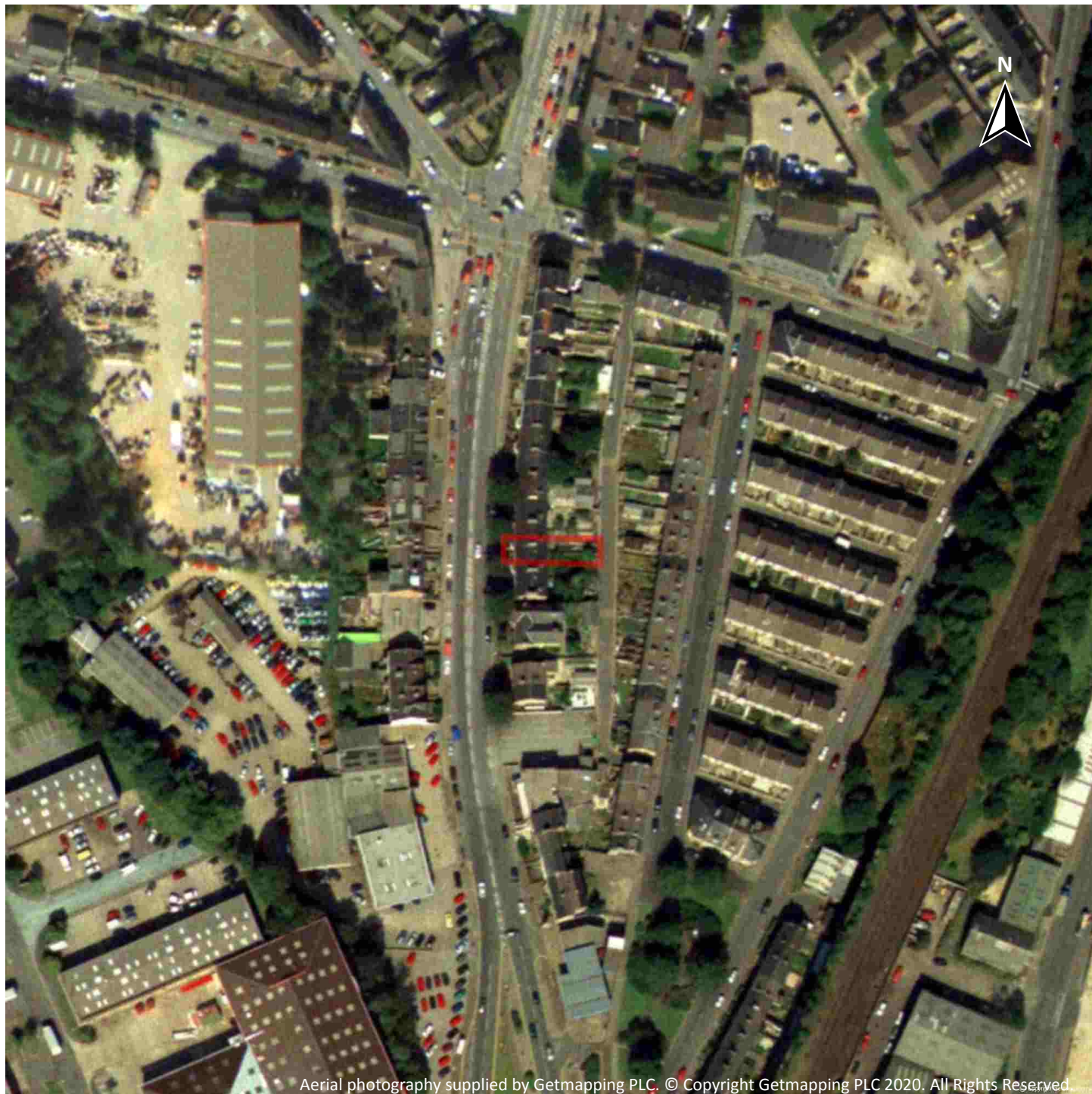
Aerial photography supplied by Getmapping PLC. © Copyright Getmapping PLC 2020. All Rights Reserved

Capture Date: 26/03/2012

Site Area: 0.02ha



## Recent site history - 2000 aerial photograph



Capture Date: 25/08/2000

Site Area: 0.02ha

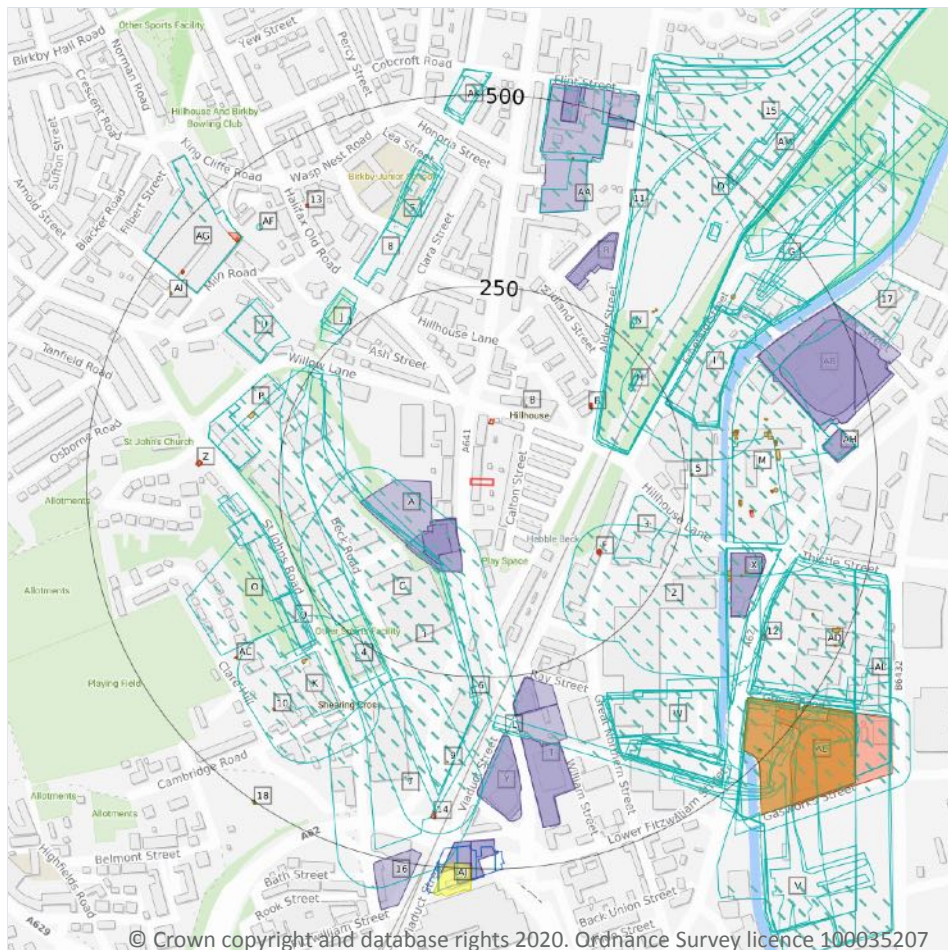


## OS MasterMap site plan



Site Area: 0.02ha

## 1 Past land use



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages
- Historical military land

### 1.1 Historical industrial land uses

Records within 500m

124

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 10**

| ID | Location | Land use   | Dates present | Group ID |
|----|----------|------------|---------------|----------|
| 1  | 54m SW   | Goods Yard | 1966          | 1423648  |



| ID | Location | Land use              | Dates present | Group ID |
|----|----------|-----------------------|---------------|----------|
| C  | 99m SW   | Railway Sidings       | 1948          | 1470849  |
| C  | 103m SW  | Railway Sidings       | 1956          | 1550688  |
| C  | 104m SW  | Railway Sidings       | 1966          | 1511184  |
| C  | 109m SW  | Railway Sidings       | 1938          | 1554774  |
| 2  | 135m SE  | Abattoir              | 1985          | 1457720  |
| D  | 140m E   | Railway Sidings       | 1889          | 1493583  |
| D  | 145m E   | Railway Sidings       | 1905          | 1464703  |
| D  | 145m E   | Railway Sidings       | 1938 - 1948   | 1556122  |
| D  | 150m NE  | Railway Sidings       | 1985          | 1466961  |
| D  | 150m NE  | Railway Sidings       | 1956 - 1975   | 1495335  |
| 3  | 180m E   | Timber Yard           | 1985          | 1410426  |
| G  | 193m NE  | Unspecified Works     | 1966          | 1492772  |
| C  | 201m SW  | Unspecified Warehouse | 1985          | 1418616  |
| H  | 212m NE  | Railway Building      | 1905          | 1485534  |
| H  | 212m NE  | Railway Building      | 1948          | 1513275  |
| H  | 219m NE  | Railway Building      | 1956          | 1501845  |
| 4  | 233m SW  | Unspecified Depot     | 1975 - 1985   | 1544932  |
| G  | 243m NE  | Brick Works           | 1956          | 1513419  |
| G  | 245m NE  | Brick Works           | 1905          | 1493952  |
| I  | 245m NE  | Sanitary Depot        | 1905          | 1496585  |
| I  | 245m NE  | Sanitary Depot        | 1948 - 1956   | 1551409  |
| I  | 245m NE  | Sanitary Depot        | 1938          | 1463001  |
| J  | 246m NW  | Cuttings              | 1948          | 1543063  |
| K  | 249m SW  | Printing Works        | 1905          | 1420628  |
| I  | 249m NE  | Unspecified Depot     | 1966 - 1975   | 1549347  |
| J  | 255m NW  | Cuttings              | 1938          | 1502759  |
| J  | 256m NW  | Cuttings              | 1956 - 1985   | 1537474  |
| M  | 258m E   | Dye Works             | 1956          | 1529166  |



| ID | Location | Land use                  | Dates present | Group ID |
|----|----------|---------------------------|---------------|----------|
| 6  | 261m S   | Goods Station             | 1948          | 1430910  |
| 7  | 265m S   | Goods Station             | 1956          | 1430911  |
| N  | 266m NE  | Railway Building          | 1905          | 1487570  |
| N  | 266m NE  | Railway Building          | 1948          | 1493464  |
| O  | 266m SW  | Unspecified Works         | 1956          | 1470211  |
| P  | 267m NW  | Unspecified Depot         | 1966          | 1464126  |
| O  | 269m SW  | Unspecified Warehouse     | 1975 - 1985   | 1522329  |
| O  | 269m SW  | Unspecified Works         | 1938 - 1948   | 1528572  |
| Q  | 271m SW  | Unspecified Depot         | 1975 - 1985   | 1501781  |
| N  | 272m NE  | Railway Building          | 1956          | 1528219  |
| Q  | 273m SW  | Unspecified Warehouse     | 1938          | 1517942  |
| O  | 274m W   | Unspecified Works         | 1975 - 1985   | 1471516  |
| Q  | 274m SW  | Unspecified Warehouse     | 1948          | 1539167  |
| P  | 277m W   | Unspecified Works         | 1966          | 1438168  |
| P  | 277m W   | Unspecified Depot         | 1975 - 1985   | 1529925  |
| 8  | 285m NW  | Railway Sidings           | 1938          | 1540169  |
| S  | 288m NW  | Railway Sidings           | 1948 - 1956   | 1531919  |
| K  | 297m SW  | Goods Station             | 1938          | 1430909  |
| U  | 298m NW  | Unspecified Works         | 1966          | 1522245  |
| V  | 300m S   | Railway Sidings           | 1938          | 1524644  |
| M  | 305m E   | Dye Works                 | 1938 - 1948   | 1497957  |
| W  | 309m SE  | Omnibus Depot             | 1966          | 1420643  |
| L  | 309m S   | Railway Sidings           | 1948          | 1497235  |
| W  | 310m SE  | Tramcar and Omnibus Depot | 1938 - 1948   | 1486273  |
| W  | 312m SE  | Tramway and Omnibus Depot | 1956          | 1426515  |
| U  | 312m NW  | Unspecified Works         | 1975 - 1985   | 1557882  |
| M  | 313m E   | Unspecified Works         | 1966 - 1985   | 1486714  |
| W  | 313m SE  | Tramway Depot             | 1905          | 1439859  |



| ID | Location | Land use                          | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| X  | 315m E   | Unspecified Mills                 | 1956          | 1494484  |
| X  | 315m E   | Unspecified Commercial/Industrial | 1966 - 1985   | 1505864  |
| X  | 315m E   | Unspecified Mills                 | 1938 - 1948   | 1494700  |
| W  | 315m SE  | Unspecified Depot                 | 1975 - 1985   | 1517461  |
| S  | 326m N   | Cuttings                          | 1948          | 1470046  |
| S  | 337m N   | Cuttings                          | 1938          | 1460889  |
| S  | 346m N   | Cuttings                          | 1975 - 1985   | 1497473  |
| S  | 346m N   | Cuttings                          | 1966          | 1463979  |
| AA | 353m N   | Railway Sidings                   | 1966 - 1985   | 1539192  |
| G  | 364m NE  | Brick Works                       | 1948          | 1547488  |
| W  | 365m SE  | Unspecified Mills                 | 1938          | 1507367  |
| G  | 365m NE  | Brick Works                       | 1938          | 1547661  |
| W  | 366m SE  | Unspecified Mills                 | 1956          | 1556936  |
| G  | 372m NE  | Unspecified Commercial/Industrial | 1985          | 1410483  |
| G  | 372m NE  | Unspecified Works                 | 1975          | 1458773  |
| W  | 374m SE  | Unspecified Mills                 | 1975 - 1985   | 1497629  |
| W  | 378m SE  | Unspecified Mills                 | 1905          | 1517544  |
| W  | 383m SE  | Unspecified Mills                 | 1948          | 1460371  |
| W  | 385m SE  | Unspecified Mill                  | 1966          | 1421228  |
| AD | 390m SE  | Unspecified Mills                 | 1889          | 1464571  |
| AD | 393m E   | Unspecified Mills                 | 1938          | 1556687  |
| AD | 394m SE  | Unspecified Mills                 | 1948          | 1479295  |
| AD | 395m E   | Unspecified Commercial/Industrial | 1905          | 1519961  |
| AD | 397m SE  | Unspecified Mills                 | 1966 - 1985   | 1465532  |
| AD | 397m SE  | Unspecified Mills                 | 1956          | 1523683  |
| G  | 400m NE  | Railway Sidings                   | 1956          | 1468521  |
| AE | 410m SE  | Electricity Works                 | 1905          | 1414966  |
| G  | 417m NE  | Railway Sidings                   | 1948          | 1524371  |



| ID | Location | Land use                          | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| G  | 419m NE  | Tramway Sidings                   | 1938          | 1430811  |
| D  | 421m NE  | Railway Building                  | 1889 - 1905   | 1490603  |
| D  | 421m NE  | Railway Building                  | 1938 - 1948   | 1551815  |
| AA | 422m N   | Corporation Depot                 | 1938 - 1948   | 1533378  |
| G  | 424m NE  | Railway Sidings                   | 1889          | 1479642  |
| AF | 424m NW  | Unspecified Tank                  | 1948          | 1433312  |
| D  | 426m NE  | Railway Building                  | 1956 - 1966   | 1521282  |
| AG | 429m NW  | Unspecified Works                 | 1966          | 1438169  |
| AG | 429m NW  | Unspecified Commercial/Industrial | 1975 - 1985   | 1541819  |
| AH | 430m E   | Unspecified Commercial/Industrial | 1975 - 1985   | 1494725  |
| AH | 430m E   | Unspecified Works                 | 1966          | 1545540  |
| AA | 431m N   | Corporation Depot                 | 1956 - 1966   | 1521055  |
| AA | 431m N   | Unspecified Depot                 | 1975 - 1985   | 1526756  |
| AE | 432m SE  | Unspecified Mills                 | 1889          | 1419117  |
| V  | 433m SE  | Unspecified Commercial/Industrial | 1948          | 1488051  |
| V  | 434m SE  | Railway Sidings                   | 1956          | 1477078  |
| AE | 434m SE  | Unspecified Commercial/Industrial | 1956          | 1501901  |
| V  | 435m SE  | Unspecified Works                 | 1966          | 1509180  |
| G  | 437m NE  | Unspecified Ground Workings       | 1889          | 1466853  |
| AE | 438m SE  | Gas Works                         | 1975          | 1414811  |
| AE | 438m SE  | Unspecified Works                 | 1985          | 1506736  |
| V  | 441m SE  | Unspecified Commercial/Industrial | 1938          | 1529886  |
| G  | 441m NE  | Unspecified Ground Workings       | 1966 - 1975   | 1501381  |
| V  | 447m SE  | Railway Sidings                   | 1948          | 1550539  |
| G  | 447m NE  | Unspecified Works                 | 1985          | 1551597  |
| G  | 448m NE  | Unspecified Ground Workings       | 1905          | 1504274  |
| 15 | 461m NE  | Cuttings                          | 1889          | 1548335  |
| AK | 461m N   | Cuttings                          | 1948          | 1529474  |



| ID | Location | Land use                          | Dates present | Group ID |
|----|----------|-----------------------------------|---------------|----------|
| V  | 464m SE  | Railway Sidings                   | 1966          | 1544741  |
| AK | 469m N   | Cuttings                          | 1956 - 1985   | 1497458  |
| G  | 470m NE  | Refuse Heap                       | 1948 - 1956   | 1553899  |
| AK | 473m N   | Cuttings                          | 1938          | 1463981  |
| G  | 477m NE  | Refuse Heap                       | 1938          | 1495070  |
| AL | 485m E   | Unspecified Commercial/Industrial | 1965          | 1512228  |
| AL | 485m E   | Unspecified Commercial/Industrial | 1975 - 1988   | 1533884  |
| AM | 488m NE  | Railway Building                  | 1905          | 1429007  |
| AM | 490m NE  | Engine Shed                       | 1889          | 1496256  |
| AM | 496m NE  | Engine Shed                       | 1948          | 1523065  |
| 17 | 498m NE  | Chemical Works                    | 1905          | 1443316  |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.2 Historical tanks

### Records within 500m

49

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 10**

| ID | Location | Land use         | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| B  | 104m NE  | Unspecified Tank | 1890          | 223051   |
| 5  | 259m E   | Unspecified Tank | 1890          | 223225   |
| P  | 293m W   | Tanks            | 1932          | 230359   |
| N  | 300m NE  | Unspecified Tank | 1890          | 223052   |
| N  | 305m NE  | Unspecified Tank | 1958 - 1959   | 248133   |
| K  | 312m SW  | Tanks            | 1978 - 1993   | 248750   |
| M  | 317m E   | Tanks            | 1992          | 249683   |



| ID | Location | Land use         | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| M  | 317m E   | Tanks            | 1993          | 230360   |
| M  | 319m E   | Tanks            | 1993          | 230361   |
| M  | 319m E   | Tanks            | 1982          | 235659   |
| M  | 321m E   | Tanks            | 1992          | 240056   |
| M  | 321m E   | Tanks            | 1993          | 245518   |
| M  | 321m E   | Tanks            | 1982 - 1993   | 243248   |
| M  | 322m E   | Tanks            | 1993          | 230362   |
| M  | 322m E   | Tanks            | 1992          | 243428   |
| M  | 323m E   | Tanks            | 1982          | 244585   |
| X  | 326m E   | Unspecified Tank | 1890          | 223226   |
| X  | 330m E   | Unspecified Tank | 1890          | 223224   |
| X  | 343m E   | Unspecified Tank | 1890          | 223223   |
| X  | 347m E   | Unspecified Tank | 1890          | 223222   |
| M  | 358m E   | Tanks            | 1982 - 1992   | 248250   |
| 9  | 361m S   | Unspecified Tank | 1890          | 223227   |
| M  | 361m E   | Tanks            | 1992          | 241772   |
| M  | 362m E   | Unspecified Tank | 1982 - 1992   | 237992   |
| M  | 362m E   | Tanks            | 1993          | 230363   |
| M  | 363m E   | Tanks            | 1993          | 243963   |
| M  | 363m E   | Tanks            | 1982 - 1992   | 240546   |
| M  | 363m E   | Tanks            | 1982          | 234132   |
| M  | 366m E   | Tanks            | 1982 - 1993   | 239781   |
| M  | 369m E   | Unspecified Tank | 1992          | 247742   |
| M  | 370m E   | Tanks            | 1982 - 1993   | 249030   |
| M  | 370m E   | Unspecified Tank | 1993          | 235303   |
| M  | 371m E   | Unspecified Tank | 1982          | 242702   |
| AC | 378m SW  | Unspecified Tank | 1983          | 243777   |
| AC | 379m SW  | Unspecified Tank | 1978          | 234800   |



| ID | Location | Land use         | Dates present | Group ID |
|----|----------|------------------|---------------|----------|
| 10 | 388m SW  | Unspecified Tank | 1890 - 1893   | 246145   |
| G  | 390m NE  | Unspecified Tank | 1890 - 1893   | 244431   |
| 11 | 398m NE  | Unspecified Tank | 1890          | 223055   |
| AA | 429m N   | Unspecified Tank | 1959          | 244015   |
| AA | 430m N   | Unspecified Tank | 1958          | 238785   |
| AE | 432m SE  | Gas Works        | 1972 - 1981   | 245746   |
| AD | 448m E   | Unspecified Tank | 1958          | 238781   |
| AD | 448m E   | Unspecified Tank | 1959          | 236620   |
| AI | 457m NW  | Unspecified Tank | 1890          | 223053   |
| AI | 459m NW  | Unspecified Tank | 1890          | 223054   |
| AD | 480m SE  | Tanks            | 1918          | 230365   |
| AE | 488m SE  | Unspecified Tank | 1890          | 223221   |
| AD | 491m SE  | Unspecified Tank | 1890          | 223212   |
| 18 | 498m SW  | Tanks            | 1978 - 1983   | 249183   |

*This data is sourced from Ordnance Survey / Groundsure.*

### 1.3 Historical energy features

#### Records within 500m

**22**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 10**

| ID | Location | Land use               | Dates present | Group ID |
|----|----------|------------------------|---------------|----------|
| B  | 72m N    | Electricity Substation | 1993          | 128948   |
| E  | 158m NE  | Electricity Substation | 1993          | 132284   |
| E  | 159m NE  | Electricity Substation | 1992          | 133112   |
| E  | 159m NE  | Electricity Substation | 1982          | 132866   |



| ID | Location | Land use                | Dates present | Group ID |
|----|----------|-------------------------|---------------|----------|
| F  | 161m SE  | Electricity Substation  | 1992          | 134044   |
| F  | 161m SE  | Electricity Substation  | 1982          | 140974   |
| F  | 163m SE  | Electricity Substation  | 1993          | 132426   |
| M  | 325m E   | Electricity Substation  | 1993          | 128971   |
| M  | 336m E   | Electricity Substation  | 1992          | 146852   |
| M  | 337m E   | Electricity Substation  | 1982          | 145661   |
| Z  | 350m W   | Electricity Substation  | 1986 - 1989   | 143041   |
| Z  | 351m W   | Electricity Substation  | 1972 - 1993   | 137821   |
| 12 | 401m SE  | Electricity Substation  | 1981 - 1998   | 146772   |
| 13 | 412m NW  | Electricity Substation  | 1993          | 128949   |
| 14 | 428m S   | Electricity Substations | 1978 - 1993   | 140200   |
| AE | 432m SE  | Gas Works               | 1972 - 1981   | 146340   |
| AF | 433m NW  | Electricity Substation  | 1986 - 1989   | 137927   |
| AF | 433m NW  | Electricity Substation  | 1993          | 133255   |
| AF | 433m NW  | Electricity Substation  | 1972          | 146874   |
| AI | 460m NW  | Electricity Substation  | 1993          | 143604   |
| AI | 461m NW  | Electricity Substation  | 1972 - 1989   | 139696   |
| AE | 472m SE  | Electricity Works       | 1907          | 131788   |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.4 Historical petrol stations

### Records within 500m

1

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 10**



| ID | Location | Land use        | Dates present | Group ID |
|----|----------|-----------------|---------------|----------|
| AJ | 494m S   | Filling Station | 1983          | 2427     |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.5 Historical garages

|                            |           |
|----------------------------|-----------|
| <b>Records within 500m</b> | <b>31</b> |
|----------------------------|-----------|

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 10**

| ID | Location | Land use | Dates present | Group ID |
|----|----------|----------|---------------|----------|
| A  | 48m SW   | Garage   | 1986 - 1989   | 45543    |
| A  | 48m SW   | Garage   | 1959 - 1972   | 45480    |
| A  | 50m SW   | Garage   | 1993          | 43346    |
| A  | 60m SW   | Garage   | 1958          | 42174    |
| L  | 253m S   | Garage   | 1992          | 41966    |
| L  | 255m S   | Garage   | 1995 - 1998   | 45256    |
| R  | 271m NE  | Garage   | 1992          | 44058    |
| R  | 274m NE  | Garage   | 1993          | 43827    |
| T  | 297m S   | Garage   | 1992          | 42559    |
| X  | 322m E   | Garage   | 1992 - 1993   | 45714    |
| X  | 323m E   | Garage   | 1982          | 44184    |
| Y  | 326m S   | Garage   | 1992          | 41642    |
| Y  | 327m S   | Garage   | 1995 - 1998   | 45918    |
| T  | 331m S   | Garage   | 1981 - 1998   | 44481    |
| AA | 353m N   | Garage   | 1959          | 41797    |
| AB | 378m NE  | Garage   | 1959 - 1984   | 46545    |
| AB | 380m NE  | Garage   | 1958          | 42798    |



| ID | Location | Land use | Dates present | Group ID |
|----|----------|----------|---------------|----------|
| AB | 399m E   | Garage   | 1993          | 42125    |
| AH | 431m E   | Garage   | 1982 - 1993   | 46305    |
| AH | 431m E   | Garage   | 1992          | 42273    |
| AJ | 461m S   | Garage   | 1958          | 43982    |
| AJ | 462m S   | Garage   | 1959          | 44286    |
| AJ | 464m S   | Garage   | 1959          | 42517    |
| AA | 476m N   | Garage   | 1993          | 41787    |
| AA | 476m N   | Garage   | 1989          | 42548    |
| AA | 476m N   | Garage   | 1958 - 1959   | 46154    |
| AB | 480m E   | Garage   | 1995          | 44059    |
| 16 | 482m S   | Garage   | 1983          | 42716    |
| AA | 483m N   | Garage   | 1993          | 43585    |
| AA | 484m N   | Garage   | 1989          | 42044    |
| AA | 495m N   | Garage   | 1993          | 43297    |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.6 Historical military land

### Records within 500m

1

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

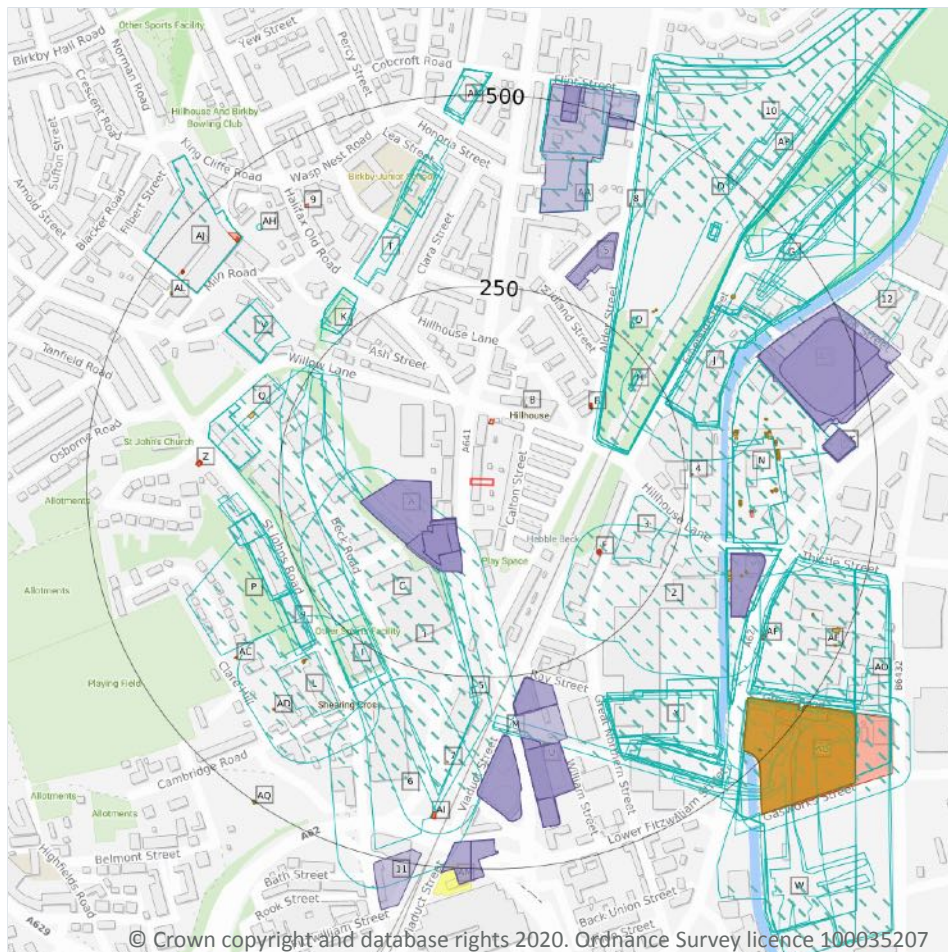
Features are displayed on the Past land use map on **page 10**

| ID | Location | Site Name    | Date of Operation | Activities                                          |
|----|----------|--------------|-------------------|-----------------------------------------------------|
| AJ | 471m S   | Huddersfield | circa WWI         | National Shell Factory; 18pdr shell and shell heads |

*This data is sourced from Ordnance Survey / Groundsure / other sources.*



## 2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

### 2.1 Historical industrial land uses

Records within 500m

171

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**

| ID | Location | Land Use        | Date | Group ID |
|----|----------|-----------------|------|----------|
| 1  | 54m SW   | Goods Yard      | 1966 | 1423648  |
| C  | 99m SW   | Railway Sidings | 1948 | 1470849  |
| C  | 103m SW  | Railway Sidings | 1956 | 1550688  |



| ID | Location | Land Use              | Date | Group ID |
|----|----------|-----------------------|------|----------|
| C  | 104m SW  | Railway Sidings       | 1966 | 1511184  |
| C  | 109m SW  | Railway Sidings       | 1938 | 1554774  |
| 2  | 135m SE  | Abattoir              | 1985 | 1457720  |
| D  | 140m E   | Railway Sidings       | 1889 | 1493583  |
| D  | 145m E   | Railway Sidings       | 1948 | 1556122  |
| D  | 145m E   | Railway Sidings       | 1905 | 1464703  |
| D  | 146m NE  | Railway Sidings       | 1938 | 1556122  |
| D  | 150m NE  | Railway Sidings       | 1975 | 1495335  |
| D  | 150m NE  | Railway Sidings       | 1956 | 1495335  |
| D  | 150m NE  | Railway Sidings       | 1985 | 1466961  |
| D  | 150m NE  | Railway Sidings       | 1966 | 1495335  |
| 3  | 180m E   | Timber Yard           | 1985 | 1410426  |
| G  | 193m NE  | Unspecified Works     | 1966 | 1492772  |
| C  | 201m SW  | Unspecified Warehouse | 1985 | 1418616  |
| H  | 212m NE  | Railway Building      | 1948 | 1513275  |
| H  | 212m NE  | Railway Building      | 1905 | 1485534  |
| H  | 219m NE  | Railway Building      | 1956 | 1501845  |
| I  | 233m SW  | Unspecified Depot     | 1975 | 1544932  |
| I  | 233m SW  | Unspecified Depot     | 1985 | 1544932  |
| G  | 243m NE  | Brick Works           | 1956 | 1513419  |
| G  | 245m NE  | Brick Works           | 1905 | 1493952  |
| J  | 245m NE  | Sanitary Depot        | 1948 | 1551409  |
| J  | 245m NE  | Sanitary Depot        | 1905 | 1496585  |
| J  | 245m NE  | Sanitary Depot        | 1938 | 1463001  |
| K  | 246m NW  | Cuttings              | 1948 | 1543063  |
| L  | 249m SW  | Printing Works        | 1905 | 1420628  |
| J  | 249m NE  | Sanitary Depot        | 1956 | 1551409  |
| J  | 249m NE  | Unspecified Depot     | 1966 | 1549347  |



| ID | Location | Land Use              | Date | Group ID |
|----|----------|-----------------------|------|----------|
| J  | 250m NE  | Unspecified Depot     | 1975 | 1549347  |
| K  | 255m NW  | Cuttings              | 1938 | 1502759  |
| K  | 256m NW  | Cuttings              | 1975 | 1537474  |
| K  | 256m NW  | Cuttings              | 1956 | 1537474  |
| K  | 256m NW  | Cuttings              | 1985 | 1537474  |
| K  | 256m NW  | Cuttings              | 1966 | 1537474  |
| N  | 258m E   | Dye Works             | 1956 | 1529166  |
| 5  | 261m S   | Goods Station         | 1948 | 1430910  |
| 6  | 265m S   | Goods Station         | 1956 | 1430911  |
| O  | 266m NE  | Railway Building      | 1948 | 1493464  |
| O  | 266m NE  | Railway Building      | 1905 | 1487570  |
| P  | 266m SW  | Unspecified Works     | 1956 | 1470211  |
| Q  | 267m NW  | Unspecified Depot     | 1966 | 1464126  |
| P  | 269m SW  | Unspecified Warehouse | 1975 | 1522329  |
| P  | 269m SW  | Unspecified Warehouse | 1985 | 1522329  |
| P  | 269m SW  | Unspecified Works     | 1938 | 1528572  |
| R  | 271m SW  | Unspecified Depot     | 1975 | 1501781  |
| R  | 271m SW  | Unspecified Depot     | 1985 | 1501781  |
| O  | 272m NE  | Railway Building      | 1956 | 1528219  |
| P  | 272m SW  | Unspecified Works     | 1948 | 1528572  |
| R  | 273m SW  | Unspecified Warehouse | 1938 | 1517942  |
| P  | 274m W   | Unspecified Works     | 1975 | 1471516  |
| P  | 274m W   | Unspecified Works     | 1985 | 1471516  |
| R  | 274m SW  | Unspecified Warehouse | 1948 | 1539167  |
| Q  | 277m W   | Unspecified Depot     | 1975 | 1529925  |
| Q  | 277m W   | Unspecified Depot     | 1985 | 1529925  |
| Q  | 277m W   | Unspecified Works     | 1966 | 1438168  |
| T  | 285m NW  | Railway Sidings       | 1938 | 1540169  |



| ID | Location | Land Use                          | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| T  | 288m NW  | Railway Sidings                   | 1956 | 1531919  |
| L  | 297m SW  | Goods Station                     | 1938 | 1430909  |
| V  | 298m NW  | Unspecified Works                 | 1966 | 1522245  |
| W  | 300m S   | Railway Sidings                   | 1938 | 1524644  |
| T  | 303m N   | Railway Sidings                   | 1948 | 1531919  |
| N  | 305m E   | Dye Works                         | 1948 | 1497957  |
| N  | 306m E   | Dye Works                         | 1938 | 1497957  |
| X  | 309m SE  | Omnibus Depot                     | 1966 | 1420643  |
| M  | 309m S   | Railway Sidings                   | 1948 | 1497235  |
| X  | 310m SE  | Tramcar and Omnibus Depot         | 1938 | 1486273  |
| X  | 312m SE  | Tramway and Omnibus Depot         | 1956 | 1426515  |
| V  | 312m NW  | Unspecified Works                 | 1975 | 1557882  |
| V  | 312m NW  | Unspecified Works                 | 1985 | 1557882  |
| N  | 313m E   | Unspecified Works                 | 1975 | 1486714  |
| N  | 313m E   | Unspecified Works                 | 1985 | 1486714  |
| N  | 313m E   | Unspecified Works                 | 1966 | 1486714  |
| X  | 313m SE  | Tramway Depot                     | 1905 | 1439859  |
| Y  | 315m E   | Unspecified Commercial/Industrial | 1975 | 1505864  |
| Y  | 315m E   | Unspecified Mills                 | 1956 | 1494484  |
| Y  | 315m E   | Unspecified Commercial/Industrial | 1985 | 1505864  |
| Y  | 315m E   | Unspecified Commercial/Industrial | 1966 | 1505864  |
| Y  | 315m E   | Unspecified Mills                 | 1948 | 1494700  |
| X  | 315m SE  | Unspecified Depot                 | 1975 | 1517461  |
| X  | 315m SE  | Unspecified Depot                 | 1985 | 1517461  |
| X  | 315m SE  | Tramcar and Omnibus Depot         | 1948 | 1486273  |
| Y  | 316m E   | Unspecified Mills                 | 1938 | 1494700  |
| T  | 326m N   | Cuttings                          | 1948 | 1470046  |
| T  | 337m N   | Cuttings                          | 1938 | 1460889  |



| ID | Location | Land Use                          | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| T  | 346m N   | Cuttings                          | 1975 | 1497473  |
| T  | 346m N   | Cuttings                          | 1985 | 1497473  |
| T  | 346m N   | Cuttings                          | 1966 | 1463979  |
| AA | 353m N   | Railway Sidings                   | 1975 | 1539192  |
| AA | 353m N   | Railway Sidings                   | 1985 | 1539192  |
| AA | 353m N   | Railway Sidings                   | 1966 | 1539192  |
| G  | 364m NE  | Brick Works                       | 1948 | 1547488  |
| X  | 365m SE  | Unspecified Mills                 | 1938 | 1507367  |
| G  | 365m NE  | Brick Works                       | 1938 | 1547661  |
| G  | 365m NE  | Brick Works                       | 1938 | 1547661  |
| X  | 366m SE  | Unspecified Mills                 | 1956 | 1556936  |
| G  | 372m NE  | Unspecified Works                 | 1975 | 1458773  |
| G  | 372m NE  | Unspecified Commercial/Industrial | 1985 | 1410483  |
| X  | 374m SE  | Unspecified Mills                 | 1975 | 1497629  |
| X  | 374m SE  | Unspecified Mills                 | 1985 | 1497629  |
| X  | 378m SE  | Unspecified Mills                 | 1905 | 1517544  |
| X  | 383m SE  | Unspecified Mills                 | 1948 | 1460371  |
| X  | 385m SE  | Unspecified Mill                  | 1966 | 1421228  |
| AE | 390m SE  | Unspecified Mills                 | 1889 | 1464571  |
| AE | 393m E   | Unspecified Mills                 | 1938 | 1556687  |
| AE | 394m SE  | Unspecified Mills                 | 1948 | 1479295  |
| AE | 395m E   | Unspecified Commercial/Industrial | 1905 | 1519961  |
| AE | 397m SE  | Unspecified Mills                 | 1975 | 1465532  |
| AE | 397m SE  | Unspecified Mills                 | 1956 | 1523683  |
| AE | 397m SE  | Unspecified Mills                 | 1985 | 1465532  |
| AE | 397m SE  | Unspecified Mills                 | 1966 | 1465532  |
| G  | 400m NE  | Railway Sidings                   | 1956 | 1468521  |
| AG | 410m SE  | Electricity Works                 | 1905 | 1414966  |



| ID | Location | Land Use                          | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| G  | 417m NE  | Railway Sidings                   | 1948 | 1524371  |
| G  | 419m NE  | Tramway Sidings                   | 1938 | 1430811  |
| D  | 421m NE  | Railway Building                  | 1948 | 1551815  |
| D  | 421m NE  | Railway Building                  | 1905 | 1490603  |
| D  | 421m NE  | Railway Building                  | 1889 | 1490603  |
| D  | 421m NE  | Railway Building                  | 1938 | 1551815  |
| AA | 422m N   | Corporation Depot                 | 1948 | 1533378  |
| G  | 424m NE  | Railway Sidings                   | 1889 | 1479642  |
| AH | 424m NW  | Unspecified Tank                  | 1948 | 1433312  |
| D  | 426m NE  | Railway Building                  | 1956 | 1521282  |
| D  | 426m NE  | Railway Building                  | 1966 | 1521282  |
| AJ | 429m NW  | Unspecified Commercial/Industrial | 1975 | 1541819  |
| AJ | 429m NW  | Unspecified Commercial/Industrial | 1985 | 1541819  |
| AJ | 429m NW  | Unspecified Works                 | 1966 | 1438169  |
| AK | 430m E   | Unspecified Commercial/Industrial | 1975 | 1494725  |
| AK | 430m E   | Unspecified Commercial/Industrial | 1985 | 1494725  |
| AK | 430m E   | Unspecified Works                 | 1966 | 1545540  |
| AA | 431m N   | Unspecified Depot                 | 1975 | 1526756  |
| AA | 431m N   | Corporation Depot                 | 1956 | 1521055  |
| AA | 431m N   | Unspecified Depot                 | 1985 | 1526756  |
| AA | 431m N   | Corporation Depot                 | 1966 | 1521055  |
| AA | 432m N   | Corporation Depot                 | 1938 | 1533378  |
| AG | 432m SE  | Unspecified Mills                 | 1889 | 1419117  |
| W  | 433m SE  | Unspecified Commercial/Industrial | 1948 | 1488051  |
| W  | 434m SE  | Railway Sidings                   | 1956 | 1477078  |
| W  | 434m SE  | Unspecified Commercial/Industrial | 1956 | 1501901  |
| W  | 435m SE  | Unspecified Works                 | 1966 | 1509180  |
| G  | 437m NE  | Unspecified Ground Workings       | 1889 | 1466853  |



| ID | Location | Land Use                          | Date | Group ID |
|----|----------|-----------------------------------|------|----------|
| AG | 438m SE  | Gas Works                         | 1975 | 1414811  |
| AG | 438m SE  | Unspecified Works                 | 1985 | 1506736  |
| W  | 441m SE  | Unspecified Commercial/Industrial | 1938 | 1529886  |
| G  | 441m NE  | Unspecified Ground Workings       | 1975 | 1501381  |
| G  | 441m NE  | Unspecified Ground Workings       | 1966 | 1501381  |
| W  | 447m SE  | Railway Sidings                   | 1948 | 1550539  |
| G  | 447m NE  | Unspecified Works                 | 1985 | 1551597  |
| G  | 448m NE  | Unspecified Ground Workings       | 1905 | 1504274  |
| 10 | 461m NE  | Cuttings                          | 1889 | 1548335  |
| AN | 461m N   | Cuttings                          | 1948 | 1529474  |
| W  | 464m SE  | Railway Sidings                   | 1966 | 1544741  |
| AN | 469m N   | Cuttings                          | 1975 | 1497458  |
| AN | 469m N   | Cuttings                          | 1956 | 1497458  |
| AN | 469m N   | Cuttings                          | 1985 | 1497458  |
| AN | 469m N   | Cuttings                          | 1966 | 1497458  |
| G  | 470m NE  | Refuse Heap                       | 1948 | 1553899  |
| AN | 473m N   | Cuttings                          | 1938 | 1463981  |
| G  | 476m NE  | Refuse Heap                       | 1956 | 1553899  |
| G  | 477m NE  | Refuse Heap                       | 1938 | 1495070  |
| G  | 477m NE  | Refuse Heap                       | 1938 | 1495070  |
| AO | 485m E   | Unspecified Commercial/Industrial | 1988 | 1533884  |
| AO | 485m E   | Unspecified Commercial/Industrial | 1965 | 1512228  |
| AO | 485m E   | Unspecified Commercial/Industrial | 1956 | 1501901  |
| AO | 485m E   | Unspecified Commercial/Industrial | 1975 | 1533884  |
| AP | 488m NE  | Railway Building                  | 1905 | 1429007  |
| AP | 490m NE  | Engine Shed                       | 1889 | 1496256  |
| AP | 496m NE  | Engine Shed                       | 1948 | 1523065  |
| 12 | 498m NE  | Chemical Works                    | 1905 | 1443316  |

*This data is sourced from Ordnance Survey / Groundsure.*



## 2.2 Historical tanks

### Records within 500m

**64**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**

| ID | Location | Land Use         | Date | Group ID |
|----|----------|------------------|------|----------|
| B  | 104m NE  | Unspecified Tank | 1890 | 223051   |
| 4  | 259m E   | Unspecified Tank | 1890 | 223225   |
| Q  | 293m W   | Tanks            | 1932 | 230359   |
| O  | 300m NE  | Unspecified Tank | 1890 | 223052   |
| O  | 305m NE  | Unspecified Tank | 1958 | 248133   |
| O  | 305m NE  | Unspecified Tank | 1959 | 248133   |
| L  | 312m SW  | Tanks            | 1983 | 248750   |
| L  | 312m SW  | Tanks            | 1978 | 248750   |
| L  | 314m SW  | Tanks            | 1993 | 248750   |
| N  | 317m E   | Tanks            | 1992 | 249683   |
| N  | 317m E   | Tanks            | 1993 | 230360   |
| N  | 319m E   | Tanks            | 1993 | 230361   |
| N  | 319m E   | Tanks            | 1982 | 235659   |
| N  | 321m E   | Tanks            | 1993 | 245518   |
| N  | 321m E   | Tanks            | 1992 | 240056   |
| N  | 321m E   | Tanks            | 1993 | 243248   |
| N  | 322m E   | Tanks            | 1993 | 230362   |
| N  | 322m E   | Tanks            | 1992 | 243428   |
| N  | 322m E   | Tanks            | 1982 | 243248   |
| N  | 323m E   | Tanks            | 1982 | 244585   |
| Y  | 326m E   | Unspecified Tank | 1890 | 223226   |
| Y  | 330m E   | Unspecified Tank | 1890 | 223224   |
| Y  | 343m E   | Unspecified Tank | 1890 | 223223   |



| ID | Location | Land Use         | Date | Group ID |
|----|----------|------------------|------|----------|
| Y  | 347m E   | Unspecified Tank | 1890 | 223222   |
| N  | 358m E   | Tanks            | 1992 | 248250   |
| N  | 360m E   | Tanks            | 1982 | 248250   |
| 7  | 361m S   | Unspecified Tank | 1890 | 223227   |
| N  | 361m E   | Tanks            | 1992 | 241772   |
| N  | 362m E   | Unspecified Tank | 1992 | 237992   |
| N  | 362m E   | Tanks            | 1993 | 230363   |
| N  | 363m E   | Tanks            | 1993 | 243963   |
| N  | 363m E   | Tanks            | 1992 | 240546   |
| N  | 363m E   | Tanks            | 1982 | 234132   |
| N  | 364m E   | Unspecified Tank | 1982 | 237992   |
| N  | 364m E   | Tanks            | 1982 | 240546   |
| N  | 366m E   | Tanks            | 1992 | 239781   |
| N  | 367m E   | Tanks            | 1993 | 239781   |
| N  | 367m E   | Tanks            | 1982 | 239781   |
| N  | 369m E   | Unspecified Tank | 1992 | 247742   |
| N  | 370m E   | Tanks            | 1992 | 249030   |
| N  | 370m E   | Unspecified Tank | 1993 | 235303   |
| N  | 370m E   | Tanks            | 1993 | 249030   |
| N  | 371m E   | Unspecified Tank | 1982 | 242702   |
| N  | 371m E   | Tanks            | 1982 | 249030   |
| AC | 378m SW  | Unspecified Tank | 1983 | 243777   |
| AC | 379m SW  | Unspecified Tank | 1978 | 234800   |
| AD | 388m SW  | Unspecified Tank | 1893 | 246145   |
| AD | 389m SW  | Unspecified Tank | 1890 | 246145   |
| G  | 390m NE  | Unspecified Tank | 1890 | 244431   |
| G  | 391m NE  | Unspecified Tank | 1893 | 244431   |
| 8  | 398m NE  | Unspecified Tank | 1890 | 223055   |



| ID | Location | Land Use         | Date | Group ID |
|----|----------|------------------|------|----------|
| AA | 429m N   | Unspecified Tank | 1959 | 244015   |
| AA | 430m N   | Unspecified Tank | 1958 | 238785   |
| AG | 432m SE  | Gas Works        | 1981 | 245746   |
| AG | 432m SE  | Gas Works        | 1972 | 245746   |
| AE | 448m E   | Unspecified Tank | 1958 | 238781   |
| AE | 448m E   | Unspecified Tank | 1959 | 236620   |
| AL | 457m NW  | Unspecified Tank | 1890 | 223053   |
| AL | 459m NW  | Unspecified Tank | 1890 | 223054   |
| AE | 480m SE  | Tanks            | 1918 | 230365   |
| AG | 488m SE  | Unspecified Tank | 1890 | 223221   |
| AE | 491m SE  | Unspecified Tank | 1890 | 223212   |
| AQ | 498m SW  | Tanks            | 1983 | 249183   |
| AQ | 499m SW  | Tanks            | 1978 | 249183   |

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.3 Historical energy features

### Records within 500m

**37**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**

| ID | Location | Land Use               | Date | Group ID |
|----|----------|------------------------|------|----------|
| B  | 72m N    | Electricity Substation | 1993 | 128948   |
| E  | 158m NE  | Electricity Substation | 1993 | 132284   |
| E  | 159m NE  | Electricity Substation | 1992 | 133112   |
| E  | 159m NE  | Electricity Substation | 1982 | 132866   |
| F  | 161m SE  | Electricity Substation | 1992 | 134044   |
| F  | 161m SE  | Electricity Substation | 1982 | 140974   |
| F  | 163m SE  | Electricity Substation | 1993 | 132426   |



| ID | Location | Land Use                | Date | Group ID |
|----|----------|-------------------------|------|----------|
| N  | 325m E   | Electricity Substation  | 1993 | 128971   |
| N  | 336m E   | Electricity Substation  | 1992 | 146852   |
| N  | 337m E   | Electricity Substation  | 1982 | 145661   |
| Z  | 350m W   | Electricity Substation  | 1986 | 143041   |
| Z  | 350m W   | Electricity Substation  | 1989 | 143041   |
| Z  | 350m W   | Electricity Substation  | 1989 | 143041   |
| Z  | 351m W   | Electricity Substation  | 1972 | 137821   |
| Z  | 351m W   | Electricity Substation  | 1993 | 137821   |
| AF | 401m SE  | Electricity Substation  | 1981 | 146772   |
| AF | 401m SE  | Electricity Substation  | 1992 | 146772   |
| AF | 401m SE  | Electricity Substation  | 1984 | 146772   |
| AF | 401m SE  | Electricity Substation  | 1995 | 146772   |
| AF | 401m SE  | Electricity Substation  | 1998 | 146772   |
| 9  | 412m NW  | Electricity Substation  | 1993 | 128949   |
| AI | 428m S   | Electricity Substations | 1983 | 140200   |
| AI | 429m S   | Electricity Substations | 1993 | 140200   |
| AI | 429m S   | Electricity Substations | 1978 | 140200   |
| AG | 432m SE  | Gas Works               | 1981 | 146340   |
| AG | 432m SE  | Gas Works               | 1972 | 146340   |
| AH | 433m NW  | Electricity Substation  | 1986 | 137927   |
| AH | 433m NW  | Electricity Substation  | 1989 | 137927   |
| AH | 433m NW  | Electricity Substation  | 1989 | 137927   |
| AH | 433m NW  | Electricity Substation  | 1993 | 133255   |
| AH | 433m NW  | Electricity Substation  | 1972 | 146874   |
| AL | 460m NW  | Electricity Substation  | 1993 | 143604   |
| AL | 461m NW  | Electricity Substation  | 1986 | 139696   |
| AL | 461m NW  | Electricity Substation  | 1989 | 139696   |
| AL | 461m NW  | Electricity Substation  | 1989 | 139696   |



| ID | Location | Land Use               | Date | Group ID |
|----|----------|------------------------|------|----------|
| AL | 461m NW  | Electricity Substation | 1972 | 139696   |
| AG | 472m SE  | Electricity Works      | 1907 | 131788   |

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.4 Historical petrol stations

### Records within 500m

1

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**

| ID | Location | Land Use        | Date | Group ID |
|----|----------|-----------------|------|----------|
| AM | 494m S   | Filling Station | 1983 | 2427     |

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.5 Historical garages

### Records within 500m

45

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 21**

| ID | Location | Land Use | Date | Group ID |
|----|----------|----------|------|----------|
| A  | 48m SW   | Garage   | 1986 | 45543    |
| A  | 48m SW   | Garage   | 1989 | 45543    |
| A  | 48m SW   | Garage   | 1989 | 45543    |
| A  | 48m SW   | Garage   | 1972 | 45480    |
| A  | 50m SW   | Garage   | 1993 | 43346    |
| A  | 54m S    | Garage   | 1959 | 45480    |
| A  | 60m SW   | Garage   | 1958 | 42174    |
| M  | 253m S   | Garage   | 1992 | 41966    |



| ID | Location | Land Use | Date | Group ID |
|----|----------|----------|------|----------|
| M  | 255m S   | Garage   | 1995 | 45256    |
| M  | 255m S   | Garage   | 1998 | 45256    |
| S  | 271m NE  | Garage   | 1992 | 44058    |
| S  | 274m NE  | Garage   | 1993 | 43827    |
| U  | 297m S   | Garage   | 1992 | 42559    |
| Y  | 322m E   | Garage   | 1992 | 45714    |
| Y  | 323m E   | Garage   | 1982 | 44184    |
| Y  | 323m E   | Garage   | 1993 | 45714    |
| U  | 326m S   | Garage   | 1992 | 41642    |
| U  | 327m S   | Garage   | 1995 | 45918    |
| U  | 327m S   | Garage   | 1998 | 45918    |
| U  | 331m S   | Garage   | 1981 | 44481    |
| U  | 331m S   | Garage   | 1984 | 44481    |
| U  | 346m S   | Garage   | 1995 | 44481    |
| U  | 346m S   | Garage   | 1998 | 44481    |
| AA | 353m N   | Garage   | 1959 | 41797    |
| AB | 378m NE  | Garage   | 1959 | 46545    |
| AB | 379m NE  | Garage   | 1982 | 46545    |
| AB | 380m NE  | Garage   | 1958 | 42798    |
| AB | 399m E   | Garage   | 1993 | 42125    |
| AK | 431m E   | Garage   | 1993 | 46305    |
| AK | 431m E   | Garage   | 1992 | 42273    |
| AK | 431m E   | Garage   | 1982 | 46305    |
| AM | 461m S   | Garage   | 1958 | 43982    |
| AM | 462m S   | Garage   | 1959 | 44286    |
| AM | 464m S   | Garage   | 1959 | 42517    |
| AA | 476m N   | Garage   | 1993 | 41787    |
| AA | 476m N   | Garage   | 1989 | 42548    |

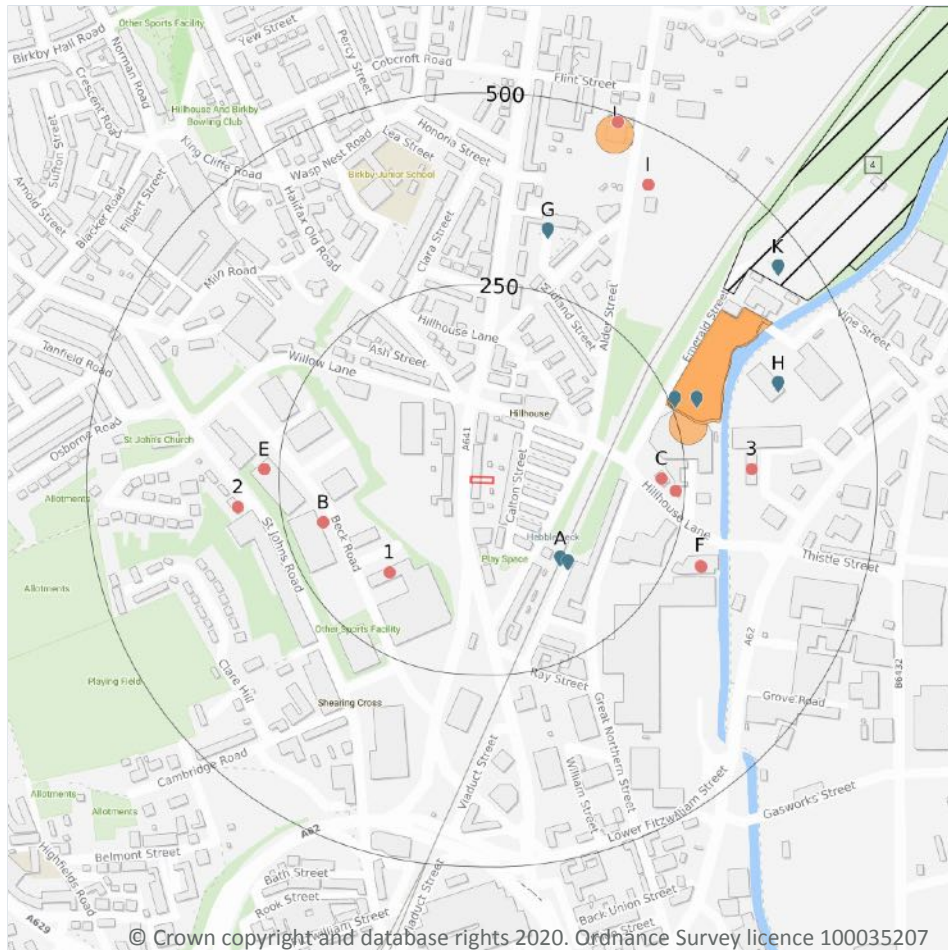


| ID | Location | Land Use | Date | Group ID |
|----|----------|----------|------|----------|
| AA | 476m N   | Garage   | 1959 | 46154    |
| AB | 480m E   | Garage   | 1995 | 44059    |
| AB | 481m E   | Garage   | 1984 | 46545    |
| 11 | 482m S   | Garage   | 1983 | 42716    |
| AA | 483m N   | Garage   | 1993 | 43585    |
| AA | 484m N   | Garage   | 1989 | 42044    |
| AA | 488m N   | Garage   | 1958 | 46154    |
| AB | 491m E   | Garage   | 1959 | 46545    |
| AA | 495m N   | Garage   | 1993 | 43297    |

*This data is sourced from Ordnance Survey / Groundsure.*



## 3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

### 3.1 Active or recent landfill

Records within 500m

0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

### 3.2 Historical landfill (BGS records)

Records within 500m

0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

*This data is sourced from the British Geological Survey.*



### 3.3 Historical landfill (LA/mapping records)

#### Records within 500m

**0**

Landfill sites identified from Local Authority records and high detail historical mapping.

*This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.*

### 3.4 Historical landfill (EA/NRW records)

#### Records within 500m

**1**

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 35**

| ID | Location | Details                                                                                                    |                                                                                                                                                                                                                      |                                                                                                                                                               |
|----|----------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4  | 388m NE  | Site Address: Emerald Street<br>Brick and Tile Landfill Site,<br>Huddersfield<br>Licence Holder Address: - | Waste Licence: -<br>Site Reference: 4700/WY053, 1382<br>Waste Type: Industrial, Commercial,<br>Household<br>Environmental Permitting<br>Regulations (Waste) Reference: -<br>Licence Issue: -<br>Licence Surrender: - | Operator: West Yorkshire<br>Metropolitan County Council<br>Licence Holder: West Yorkshire<br>Waste Management Limited<br>First Recorded -<br>Last Recorded: - |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

### 3.5 Historical waste sites

#### Records within 500m

**5**

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 35**

| ID | Location | Address                                                                                       | Further Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date |
|----|----------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| D  | 238m E   | Site Address: Vine Street, /Diamond Street, HUDDERSFIELD, West Yorkshire,                     | Type of Site: Materials Recycling Facility<br>Planning application reference: 99/62/91882<br>Description: Construction and operation of a new materials recycling facility and waste to energy plant. Includes gatehouse, weighbridge, parking and landscaping. Construction - steel cladding walls; steel cladding roof. An application (ref: 99/62/91882) for Detailed Planning permission was submitted to Kirklees B.C. on 2nd July 1999.<br>Data source: Historic Planning Application<br>Data Type: Point | -    |
| D  | 243m NE  | Site Address: N/A                                                                             | Type of Site: Incinerator<br>Planning application reference: N/A<br>Description: N/A<br>Data source: Historic Mapping<br>Data Type: Polygon                                                                                                                                                                                                                                                                                                                                                                     | 1982 |
| D  | 247m NE  | Site Address: N/A                                                                             | Type of Site: Incinerator<br>Planning application reference: N/A<br>Description: N/A<br>Data source: Historic Mapping<br>Data Type: Polygon                                                                                                                                                                                                                                                                                                                                                                     | 1993 |
| D  | 247m NE  | Site Address: N/A                                                                             | Type of Site: Incinerator<br>Planning application reference: N/A<br>Description: N/A<br>Data source: Historic Mapping<br>Data Type: Polygon                                                                                                                                                                                                                                                                                                                                                                     | 1982 |
| J  | 449m N   | Site Address: Hillhouse Sidings, Alder Street, Fartown, HUDDERSFIELD, West Yorkshire, HD1 6LD | Type of Site: Waste Transfer Station (c/u)<br>Planning application reference: 94/62/91309/WO<br>Description: An application (ref: 94/62/91309/WO) for Detailed Planning permission was submitted to Kirklees B.C. on 22nd April 1994.<br>Data source: Historic Planning Application<br>Data Type: Point                                                                                                                                                                                                         | -    |

*This data is sourced from Ordnance Survey/Groundsure and Local Authority records.*

### 3.6 Licensed waste sites

**Records within 500m**

**15**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation. Features are displayed on the Waste and landfill map on **page 35**



| ID | Location | Details                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                        |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| A  | 131m SE  | Site Name: A K Auto Centre Limited<br>Site Address: A K Auto Centre Ltd,<br>45-46, Lower Viaduct Street,<br>Huddersfield, West Yorkshire, HD1<br>6BN<br>Correspondence Address: - | Type of Site: Vehicle Depollution<br>Facility 5000 tps<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: AKA003<br>EPR reference:<br>EA/EPR/HB3530RN/V002<br>Operator: A K Auto Centre Limited<br>Waste Management licence No:<br>104324<br>Annual Tonnage: 4999                 | Issue Date: 31/08/2012<br>Effective Date: -<br>Modified:: 20/01/2015<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |
| A  | 141m SE  | Site Name: A K Auto Centre Ltd<br>Site Address: A K Auto Centre Ltd,<br>45-46, Lower Viaduct Street,<br>Huddersfield, West Yorks, HD1 6BN<br>Correspondence Address: -            | Type of Site: Vehicle Depollution<br>Facility 5000 tps<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: AKA003<br>EPR reference:<br>EA/EPR/HB3530RN/A001<br>Operator: A K Auto Centre Ltd<br>Waste Management licence No:<br>104324<br>Annual Tonnage: 4999                     | Issue Date: 31/08/2012<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Issued            |
| D  | 257m NE  | Site Name: Huddersfield Transfer<br>Loading Station<br>Site Address: Vine Street, Leeds<br>Road, Huddersfield, West<br>Yorkshire, HD1 6NT<br>Correspondence Address: -            | Type of Site: Household,<br>Commercial & Industrial Waste T<br>Stn<br>Size: >= 75000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KIR009<br>EPR reference:<br>EA/EPR/FP3195ZK/A001<br>Operator: Sita (kirklees) Limited<br>Waste Management licence No:<br>61060<br>Annual Tonnage: 100000 | Issue Date: 02/04/1998<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: IPPC              |



| ID | Location | Details                                                                                                                                                       |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                        |
|----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| D  | 257m NE  | Site Name: Huddersfield Transfer Loading Station<br>Site Address: Vine Street, Leeds Road, Huddersfield, West Yorkshire, HD1 6NT<br>Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn<br>Size: >= 75000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: KIR009<br>EPR reference: EA/EPR/FP3195ZK/A001<br>Operator: Sita ( Kirklees ) Ltd<br>Waste Management licence No: 61060<br>Annual Tonnage: 100000 | Issue Date: 02/04/1998<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: To PPC            |
| D  | 283m E   | Site Name: Vine Street Mrf<br>Site Address: Land/premises At, Vine Street, Leeds Road, Huddersfield, West Yorkshire, HD1 6NT<br>Correspondence Address: -     | Type of Site: Material Recycling Treatment Facility<br>Size: 25000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: 000073<br>EPR reference: EA/EPR/XP3792ZK/V002<br>Operator: Sita (kirklees) Ltd<br>Waste Management licence No: 65286<br>Annual Tonnage: 24999                | Issue Date: 31/03/2005<br>Effective Date: -<br>Modified:: 23/05/2006<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |
| D  | 283m E   | Site Name: Vine Street Mrf<br>Site Address: Land/premises At, Vine Street, Leeds Road, Huddersfield, West Yorkshire, HD1 6NT<br>Correspondence Address: -     | Type of Site: Material Recycling Treatment Facility<br>Size: 25000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: 000073<br>EPR reference: EA/EPR/XP3792ZK/V002<br>Operator: Sita ( Kirklees ) Ltd<br>Waste Management licence No: 65286<br>Annual Tonnage: 24999              | Issue Date: 31/03/2005<br>Effective Date: -<br>Modified:: 23/05/2006<br>Surrendered Date: 0<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |



| ID | Location | Details                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                        |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| D  | 283m E   | Site Name: Vine Street Mrf<br>Site Address: Land/premises At,<br>Vine Street, Leeds Road,<br>Huddersfield, West Yorkshire, HD1<br>6NT<br>Correspondence Address: -                                 | Type of Site: Material Recycling<br>Treatment Facility<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: 000073<br>EPR reference:<br>EA/EPR/XP3792ZK/V003<br>Operator: Suez Recycling And<br>Recovery Kirklees Ltd<br>Waste Management licence No:<br>65286<br>Annual Tonnage: 24999  | Issue Date: 31/03/2005<br>Effective Date: -<br>Modified:: 30/06/2016<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |
| G  | 329m N   | Site Name: Flint Street/alder Street<br>Depot<br>Site Address: Flint Street/alder<br>Street Depot, Flint Street, Fartown,<br>Huddersfield, West Yorkshire, HD1<br>6LG<br>Correspondence Address: - | Type of Site: Household,<br>Commercial & Industrial Waste T<br>Stn<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KMC002<br>EPR reference:<br>EA/EPR/PP3796ZK/A001<br>Operator: Kirklees Council<br>Waste Management licence No:<br>65523<br>Annual Tonnage: 24999                 | Issue Date: 12/01/2007<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Issued            |
| G  | 329m N   | Site Name: Alder Street Depot<br>Site Address: Alder Street Depot,<br>Flint Street, Fartown, Huddersfield,<br>West Yorkshire, HD1 6LG<br>Correspondence Address: -                                 | Type of Site: Household,<br>Commercial & Industrial Waste T<br>Stn<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KMC002<br>EPR reference:<br>EA/EPR/PP3796ZK/V003<br>Operator: Kirklees Metropolitan<br>Council<br>Waste Management licence No:<br>65523<br>Annual Tonnage: 24999 | Issue Date: 12/01/2007<br>Effective Date: -<br>Modified:: 19/03/2015<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |



| ID | Location | Details                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                       |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H  | 390m E   | Site Name: Huddersfield Hws<br>Site Address: Huddersfield Hws,<br>Vine Street, Leeds Road,<br>Huddersfield, HD1 6NT<br>Correspondence Address:<br>Lancashire House, 24, Winckley<br>Square, Preston, PR1 3JJ                       | Type of Site: Household Waste<br>Amenity Site<br>Size: Unknown<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KIR010<br>EPR reference: -<br>Operator: Kirklees Waste Services<br>Limited<br>Waste Management licence No:<br>61062<br>Annual Tonnage: 0                                | Issue Date: 02/04/1996<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: 11/08/2000<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Surrendered             |
| H  | 390m E   | Site Name: Huddersfield Hws<br>Site Address: Huddersfield Hws,<br>Vine Street, Leeds Road,<br>Huddersfield, West Yorkshire, HD1<br>6NT<br>Correspondence Address: -                                                                | Type of Site: Household Waste<br>Amenity Site<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KIR010<br>EPR reference:<br>EA/EPR/CP3395ZT/S002<br>Operator: Kirklees Waste Services<br>Limited<br>Waste Management licence No:<br>61062<br>Annual Tonnage: 15650 | Issue Date: 02/04/1996<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: Aug 11 2000<br>12:00AM<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Surrendered |
| K  | 460m NE  | Site Name: Emerald Street<br>Household Waste Site &<br>Composting Facility<br>Site Address: Emerald Street,<br>Huddersfield, West Yorkshire<br>Correspondence Address: Diamond<br>Street, Huddersfield, West<br>Yorkshire, HD1 6BZ | Type of Site: Household,<br>Commercial & Industrial Waste T<br>Stn<br>Size: 25000 tonnes<br>Environmental Permitting<br>Regulations (Waste) Licence<br>Number: KIR002<br>EPR reference: -<br>Operator: Sita ( Kirklees ) Limited<br>Waste Management licence No:<br>65026<br>Annual Tonnage: 0               | Issue Date: 19/08/1999<br>Effective Date: -<br>Modified:: -<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Issued                           |



| ID | Location | Details                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                        |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| K  | 460m NE  | Site Name: Emerald Street Household Waste Site & Composting Facility<br>Site Address: Land/premises At, Emerald Street, Huddersfield, West Yorkshire, HD1 6BY<br>Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn<br>Size: 25000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: KIR002<br>EPR reference: EA/EPR/HP3894ZJ/V002<br>Operator: Sita (kirklees) Limited<br>Waste Management licence No: 65026<br>Annual Tonnage: 24999                  | Issue Date: 19/08/1999<br>Effective Date: -<br>Modified:: 23/08/2007<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |
| K  | 460m NE  | Site Name: Emerald Street Household Waste Site & Composting Facility<br>Site Address: Land/premises At, Emerald Street, Huddersfield, West Yorkshire, HD1 6BY<br>Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn<br>Size: 25000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: KIR002<br>EPR reference: EA/EPR/HP3894ZJ/V002<br>Operator: Sita ( Kirklees ) Ltd<br>Waste Management licence No: 65026<br>Annual Tonnage: 24999                    | Issue Date: 19/08/1999<br>Effective Date: -<br>Modified:: 23/08/2007<br>Surrendered Date: 0<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |
| K  | 460m NE  | Site Name: Emerald Street Household Waste Site & Composting Facility<br>Site Address: Land/premises At, Emerald Street, Huddersfield, West Yorkshire, HD1 6BY<br>Correspondence Address: - | Type of Site: Household, Commercial & Industrial Waste T Stn<br>Size: 25000 tonnes<br>Environmental Permitting Regulations (Waste) Licence Number: KIR002<br>EPR reference: EA/EPR/HP3894ZJ/V005<br>Operator: Suez Recycling And Recovery Kirklees Ltd<br>Waste Management licence No: 65026<br>Annual Tonnage: 24999 | Issue Date: 19/08/1999<br>Effective Date: -<br>Modified:: 30/06/2016<br>Surrendered Date: -<br>Expiry Date: -<br>Cancelled Date: -<br>Status: Modified |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



### 3.7 Waste exemptions

#### Records within 500m

**19**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 35**

| ID | Location | Site                                                                                                                        | Reference                | Category                 | Sub-Category                | Description                                             |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|-----------------------------|---------------------------------------------------------|
| 1  | 159m SW  | Unit 29 Ringway Industrail Estate Beck Road<br>Huddersfield Yorkshire HD1 5DG                                               | EA/EPR/VP374<br>1FL/A001 | Treating waste exemption | Non-Agricultural Waste Only | Repair or refurbishment of WEEE                         |
| B  | 200m W   | Unit 13/14 The Ringway Centre HD1 5DG                                                                                       | EPR/YE5341KG<br>/A001    | Storing waste exemption  | Non-Agricultural Waste Only | Storage of waste in a secure place                      |
| B  | 200m W   | Unit 13/14 The Ringway Centre HD1 5DG                                                                                       | EPR/YE5341KG<br>/A001    | Treating waste exemption | Non-Agricultural Waste Only | Sorting mixed waste                                     |
| B  | 200m W   | Unit 13/14 The Ringway Centre HD1 5DG                                                                                       | EPR/YE5341KG<br>/A001    | Treating waste exemption | Non-Agricultural Waste Only | Preparatory treatments (baling, sorting, shredding etc) |
| C  | 219m E   | EMERALD STREET,<br>HUDDERSFIELD, HD1 6BY                                                                                    | WEX156527                | Storing waste exemption  | Not on a Farm               | Storage of waste in a secure place                      |
| C  | 238m E   | SUEZ Recycling and Recovery Kirklees Ltd,<br>Emerald Street HWRC and Composting Site, Emerald Street, Huddersfield, HD1 6BY | WEX139982                | Storing waste exemption  | Not on a farm               | Storage of waste in a secure place                      |
| C  | 238m E   | Emerald Street Depot,<br>Emerald Steet,<br>Huddersfield, HD1 6BY                                                            | WEX157784                | Storing waste exemption  | Not on a Farm               | Storage of waste in a secure place                      |
| E  | 270m W   | UNIT 14-16, THE RINGWAY CENTRE, BECK ROAD,<br>HUDDERSFIELD, HD1 5DG                                                         | WEX105893                | Treating waste exemption | Not on a farm               | Recovery of textiles                                    |
| E  | 270m W   | UNIT 14-16, THE RINGWAY CENTRE, BECK ROAD,<br>HUDDERSFIELD, HD1 5DG                                                         | WEX105893                | Treating waste exemption | Not on a farm               | Sorting mixed waste                                     |
| F  | 290m E   | CANAL MILLS HILLHOUSE LANE HUDDERSFIELD HD1 1ED                                                                             | EPR/SF0732VA<br>/A001    | Treating waste exemption | Non-Agricultural Waste Only | Crushing waste fluorescent tubes                        |

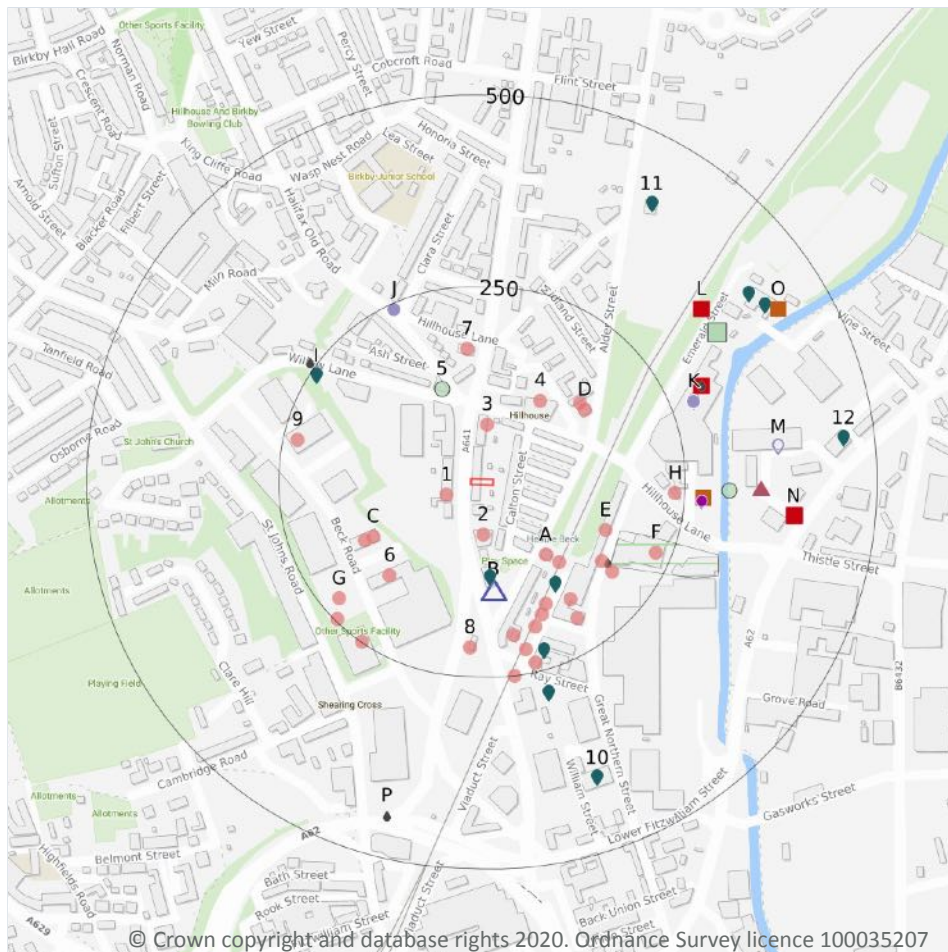


| ID | Location | Site                                                        | Reference          | Category                     | Sub-Category                | Description                        |
|----|----------|-------------------------------------------------------------|--------------------|------------------------------|-----------------------------|------------------------------------|
| F  | 292m E   | CANAL MILLS, HILLHOUSE LANE, HUDDERSFIELD, HD1 1ED          | WEX085016          | Treating waste exemption     | Not on a farm               | Crushing waste fluorescent tubes   |
| 2  | 305m W   | 33, St John's Road, Huddersfield, HD1 5DX                   | WEX144069          | Disposing of waste exemption | Not on a farm               | Burning waste in the open          |
| 3  | 336m E   | Unit 7, St Andrews Court, Leeds Road, Huddersfield, HD1 6NW | WEX126355          | Storing waste exemption      | Not on a farm               | Storage of waste in a secure place |
| I  | 431m NE  | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/AE5756VZ /A001 | Storing waste exemption      | Non-Agricultural Waste Only | Storage of waste in a secure place |
| I  | 431m NE  | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/AE5756VZ /A001 | Treating waste exemption     | Non-Agricultural Waste Only | Crushing waste fluorescent tubes   |
| I  | 431m NE  | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/AE5756VZ /A001 | Using waste exemption        | Non-Agricultural Waste Only | Use of waste in construction       |
| J  | 489m N   | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/SE5852W S/A001 | Storing waste exemption      | Non-Agricultural Waste Only | Storage of waste in a secure place |
| J  | 489m N   | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/SE5852W S/A001 | Treating waste exemption     | Non-Agricultural Waste Only | Crushing waste fluorescent tubes   |
| J  | 489m N   | Land At Alder Street Huddersfield West Yorkshire HD1 6LD    | EPR/SE5852W S/A001 | Using waste exemption        | Non-Agricultural Waste Only | Use of waste in construction       |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- △ Current or recent petrol stations
- Control of Major Accident Hazards
- ▲ Hazardous substance storage/usage
- Historical licensed industrial activities
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollutant release to public sewer
- List 1 Dangerous Substances
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

### 4.1 Recent industrial land uses

Records within 250m

31

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Company                 | Address                                                     | Activity                      | Category                      |
|----|----------|-------------------------|-------------------------------------------------------------|-------------------------------|-------------------------------|
| 1  | 34m SW   | Best at Hire            | 89-91, Bradford Road, Huddersfield, West Yorkshire, HD1 6DZ | Construction and Tool Hire    | Hire Services                 |
| 2  | 65m S    | Zak Autos Ltd           | 44, Bradford Road, Huddersfield, West Yorkshire, HD1 6JE    | Vehicle Parts and Accessories | Motoring                      |
| 3  | 72m N    | Electricity Sub Station | West Yorkshire, HD1                                         | Electrical Features           | Infrastructure and Facilities |



| ID | Location | Company                                      | Address                                                                      | Activity                              | Category                              |
|----|----------|----------------------------------------------|------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| A  | 114m SE  | Park View Cars                               | Alder Street, Huddersfield, West Yorkshire, HD1 6HZ                          | Vehicle Repair, Testing and Servicing | Repair and Servicing                  |
| 4  | 120m NE  | Chippendale Plant Ltd                        | Hillhouse Lane, Huddersfield, West Yorkshire, HD1 6JT                        | Construction and Tool Hire            | Hire Services                         |
| A  | 133m SE  | V W Breakers Huddersfield                    | 45, Lower Viaduct Street, Huddersfield, West Yorkshire, HD1 6BN              | Scrap Metal Merchants                 | Recycling Services                    |
| C  | 144m SW  | Peter Ellam Motor Engineers Huddersfield Ltd | Unit 28 The Ringway Centre, Beck Road, Huddersfield, West Yorkshire, HD1 5DG | Vehicle Repair, Testing and Servicing | Repair and Servicing                  |
| D  | 150m NE  | Works                                        | West Yorkshire, HD1                                                          | Unspecified Works Or Factories        | Industrial Features                   |
| D  | 151m NE  | Electricity Sub Station                      | West Yorkshire, HD1                                                          | Electrical Features                   | Infrastructure and Facilities         |
| C  | 156m SW  | Tyres 2 Go                                   | Unit 27 The Ringway Centre, Beck Road, Huddersfield, West Yorkshire, HD1 5DG | Vehicle Parts and Accessories         | Motoring                              |
| E  | 158m E   | Works                                        | West Yorkshire, HD1                                                          | Unspecified Works Or Factories        | Industrial Features                   |
| 6  | 159m SW  | Eyecasions                                   | Unit 31 The Ringway Centre, Beck Road, Huddersfield, West Yorkshire, HD1 5DG | Photographic and Optical Equipment    | Household, Office, Leisure and Garden |
| 7  | 169m N   | Works                                        | West Yorkshire, HD1                                                          | Unspecified Works Or Factories        | Industrial Features                   |
| A  | 169m SE  | J Motors                                     | 38, Viaduct Street, Huddersfield, West Yorkshire, HD1 6BW                    | Vehicle Repair, Testing and Servicing | Repair and Servicing                  |
| E  | 172m SE  | Electricity Sub Station                      | West Yorkshire, HD1                                                          | Electrical Features                   | Infrastructure and Facilities         |
| A  | 179m S   | A K Auto Centre                              | Lower Viaduct Street, Huddersfield, West Yorkshire, HD1 6BN                  | Vehicle Repair, Testing and Servicing | Repair and Servicing                  |
| A  | 179m SE  | Works                                        | West Yorkshire, HD1                                                          | Unspecified Works Or Factories        | Industrial Features                   |
| E  | 192m SE  | Electricity Sub Station                      | West Yorkshire, HD1                                                          | Electrical Features                   | Infrastructure and Facilities         |
| A  | 193m S   | Go 2 Tyres                                   | 36, Viaduct Street, Huddersfield, West Yorkshire, HD1 6BW                    | Vehicle Parts and Accessories         | Motoring                              |



| ID | Location | Company                     | Address                                                                         | Activity                                           | Category                              |
|----|----------|-----------------------------|---------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------|
| A  | 197m S   | Royal Auto Services         | 2, Bradford Road, Huddersfield, West Yorkshire, HD1 6HY                         | Vehicle Repair, Testing and Servicing              | Repair and Servicing                  |
| A  | 204m SE  | Works                       | West Yorkshire, HD1                                                             | Unspecified Works Or Factories                     | Industrial Features                   |
| 8  | 212m S   | IMO - arc Clean Car Centres | Bradford Road, Huddersfield, West Yorkshire, HD1 6HY                            | Vehicle Cleaning Services                          | Personal, Consumer and Other Services |
| A  | 218m S   | Motorcycle Services         | 34, Viaduct Street, Huddersfield, West Yorkshire, HD1 6BW                       | Vehicle Repair, Testing and Servicing              | Repair and Servicing                  |
| G  | 227m SW  | Warehouse                   | West Yorkshire, HD1                                                             | Container and Storage                              | Transport, Storage and Delivery       |
| F  | 230m E   | Andrew Page Ltd             | Units 2-4 Canal Mills, Hillhouse Lane, Huddersfield, West Yorkshire, HD1 6BT    | Vehicle Parts and Accessories                      | Motoring                              |
| 9  | 231m W   | Crowther & Shaw Ltd         | Unit 21-23 The Ringway Centre, Beck Road, Huddersfield, West Yorkshire, HD1 5DG | Electrical Equipment Repair and Servicing          | Repair and Servicing                  |
| A  | 237m S   | Viaduct Works               | West Yorkshire, HD1                                                             | Unspecified Works Or Factories                     | Industrial Features                   |
| H  | 237m E   | Kilner & Hutchinson Ltd     | Emerald Street, Huddersfield, West Yorkshire, HD1 6BY                           | Metals Manufacturers, Fabricators and Stockholders | Industrial Products                   |
| G  | 246m SW  | Warehouse                   | West Yorkshire, HD1                                                             | Container and Storage                              | Transport, Storage and Delivery       |
| G  | 249m SW  | Depot                       | West Yorkshire, HD1                                                             | Container and Storage                              | Transport, Storage and Delivery       |
| A  | 250m S   | G S Motor Repairs           | Railway Arch 31, Viaduct Street, Huddersfield, West Yorkshire, HD1 6BW          | Vehicle Repair, Testing and Servicing              | Repair and Servicing                  |

*This data is sourced from Ordnance Survey.*

## 4.2 Current or recent petrol stations

|                            |          |
|----------------------------|----------|
| <b>Records within 500m</b> | <b>1</b> |
|----------------------------|----------|

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Company | Address                                                  | LPG | Status |
|----|----------|---------|----------------------------------------------------------|-----|--------|
| B  | 136m S   | TEXACO  | 38, Bradford Road, Huddersfield, West Yorkshire, HD1 6LJ | Yes | Open   |



*This data is sourced from Experian.*

### 4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

*This data is sourced from National Grid.*

### 4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

*This data is sourced from National Grid.*

### 4.5 Sites determined as Contaminated Land

Records within 500m

0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

*This data is sourced from Local Authority records.*

### 4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

1

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Company             | Address                                                    | Operational status    | Tier |
|----|----------|---------------------|------------------------------------------------------------|-----------------------|------|
| F  | 176m E   | James Robinsons Ltd | James Robinsons Ltd, Hillhouse Lane, Huddersfield, HD1 6BU | Historical NIHHS Site | -    |

*This data is sourced from the Health and Safety Executive.*



## 4.7 Regulated explosive sites

### Records within 500m

**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

*This data is sourced from the Health and Safety Executive.*

## 4.8 Hazardous substance storage/usage

### Records within 500m

**1**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Details                                                                                                                                                                                                   |                                                                                                                                                                                                             |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| H  | 348m E   | Application reference number: 99/93022<br>Application status: Historical Consent<br>Application date: 19/10/1999<br>Address: James Robinson Ltd, Hillhouse Lane,<br>Huddersfield, West Yorkshire, HD1 6BU | Details: Deemed Consent for the presence of very<br>toxic and toxic substances.<br>Enforcement: No Enforcement Notified<br>Date of enforcement: No Enforcement Notified<br>Comment: No Enforcement Notified |

*This data is sourced from Local Authority records.*

## 4.9 Historical licensed industrial activities (IPC)

### Records within 500m

**37**

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Details                                                                                                                                                                                    |                                                                                                                           |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AK6233                 | Original Permit Number: IPCAPP<br>Date Approved: 2-2-1994<br>Effective Date: 14-2-1994<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AK6241 | Original Permit Number: IPCAPP<br>Date Approved: 1-2-1994<br>Effective Date: 14-2-1994<br>Status: Superseded By Variation |

| ID | Location | Details                                                                                                                                                                                    |                                                                                                                                |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AK6250 | Original Permit Number: IPCAPP<br>Date Approved: 2-2-1994<br>Effective Date: 14-2-1994<br>Status: Superseded By Variation      |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Acid Processes<br>Permit Number: AL7405                           | Original Permit Number: IPCAPP<br>Date Approved: 27-4-1994<br>Effective Date: 9-5-1994<br>Status: Superseded By Variation      |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AM2824 | Original Permit Number: IPCMINVAR<br>Date Approved: 3-3-1994<br>Effective Date: 14-3-1994<br>Status: Superseded By Variation   |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Inorganic Chemical Processes<br>Permit Number: AN9212             | Original Permit Number: IPCAIRAPP<br>Date Approved: 10-10-1994<br>Effective Date: 1-11-1994<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AO3058                 | Original Permit Number: IPCMINVAR<br>Date Approved: 7-9-1994<br>Effective Date: 19-9-1994<br>Status: Revoked                   |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AO3074 | Original Permit Number: IPCMINVAR<br>Date Approved: 7-9-1994<br>Effective Date: 19-9-1994<br>Status: Superseded By Variation   |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AO3082 | Original Permit Number: IPCMINVAR<br>Date Approved: 3-11-1994<br>Effective Date: 3-11-1994<br>Status: Superseded By Variation  |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box B3, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AP4980                 | Original Permit Number: IPCAPP<br>Date Approved: 8-3-1995<br>Effective Date: 1-4-1995<br>Status: Superseded By Variation       |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AQ7631 | Original Permit Number: IPCMINVAR<br>Date Approved: 27-3-1995<br>Effective Date: 1-4-1995<br>Status: Superseded By Variation   |



| ID | Location | Details                                                                                                                                                                                    |                                                                                                                                 |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AS7876 | Original Permit Number: IPCAPP<br>Date Approved: 19-9-1995<br>Effective Date: 25-9-1995<br>Status: Superseded By Variation      |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AT9742 | Original Permit Number: IPCMINVAR<br>Date Approved: 23-11-1995<br>Effective Date: 1-12-1995<br>Status: Superseded By Variation  |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: AT9769 | Original Permit Number: IPCMINVAR<br>Date Approved: 23-11-1995<br>Effective Date: 1-12-1995<br>Status: Superseded By Variation  |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Acid Processes<br>Permit Number: AT9777                           | Original Permit Number: IPCMINVAR<br>Date Approved: 23-11-1995<br>Effective Date: 1-12-1995<br>Status: Superseded By Variation  |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Inorganic Chemical Processes<br>Permit Number: AT9785             | Original Permit Number: IPCMINVAR<br>Date Approved: 23-11-1995<br>Effective Date: 1-12-1995<br>Status: Superseded By Variation  |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box B3, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BD0621                 | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BD2578 | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BD3361 | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BD3370 | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Superseded By Variation |



| ID | Location | Details                                                                                                                                                                                    |                                                                                                                                 |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Acid Processes<br>Permit Number: BD3388                           | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Inorganic Chemical Processes<br>Permit Number: BD3396             | Original Permit Number: IPCMINVAR<br>Date Approved: 24-11-1998<br>Effective Date: 30-11-1998<br>Status: Revoked                 |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BG1292 | Original Permit Number: IPCMINVAR<br>Date Approved: 9-6-1999<br>Effective Date: 18-6-1999<br>Status: Superseded By Variation    |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BG1306 | Original Permit Number: IPCMINVAR<br>Date Approved: 9-6-1999<br>Effective Date: 18-6-1999<br>Status: Superseded By Variation    |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Acid Processes<br>Permit Number: BG1314                           | Original Permit Number: IPCMINVAR<br>Date Approved: 9-6-1999<br>Effective Date: 18-6-1999<br>Status: Superseded By Variation    |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BG1322 | Original Permit Number: IPCMINVAR<br>Date Approved: 9-6-1999<br>Effective Date: 18-6-1999<br>Status: Revoked                    |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box B3, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BJ4981                 | Original Permit Number: IPCMINVAR<br>Date Approved: 30-3-2001<br>Effective Date: 30-3-2001<br>Status: Superseded By Variation   |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BK6424 | Original Permit Number: IPCMINVAR<br>Date Approved: 6-3-2001<br>Effective Date: 8-3-2001<br>Status: Superseded By Variation     |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Acid Processes<br>Permit Number: BL4079                           | Original Permit Number: IPCMINVAR<br>Date Approved: 21-8-2001<br>Effective Date: 24-8-2001<br>Status: Revoked                   |



| ID | Location | Details                                                                                                                                                                                    |                                                                                                                               |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BL4087 | Original Permit Number: IPCMINVAR<br>Date Approved: 21-8-2001<br>Effective Date: 24-8-2001<br>Status: Superseded By Variation |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BT3307 | Original Permit Number: IPCMINVAR<br>Date Approved: 15-10-2002<br>Effective Date: 21-10-2002<br>Status: Revoked               |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box B3, Hillhouse Lane, Huddersfield,<br>HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: BY6915                 | Original Permit Number: IPCMINVAR<br>Date Approved: 16-11-2004<br>Effective Date: 1-2-2005<br>Status: Revoked                 |
| J  | 242m NW  | Operator: James Robinson Ltd<br>Address: PO Box 83, Hillhouse Lane, Huddersfield,<br>West Yorkshire, HD1 6BU<br>Process: Manufacture And Use Of Organic Chemicals<br>Permit Number: CB1648 | Original Permit Number: IPCMINVAR<br>Date Approved: 15-2-2007<br>Effective Date: 15-2-2007<br>Status: Revoked                 |
| K  | 280m E   | Operator: Sita (kirkless) Ltd<br>Address: Vine Street Incinerator Plant, Vine Street,<br>Huddersfield, West Yorkshire, HD1 6NT<br>Process: Incineration<br>Permit Number: BG4020           | Original Permit Number: IPCAPP<br>Date Approved: 27-10-1999<br>Effective Date: 1-11-1999<br>Status: Revoked - Now Ippc        |
| O  | 432m NE  | Operator: West Yorkshire Waste Ltd<br>Address: Huddersfield Incinerator, Vine Street,<br>Huddersfield, West Yorkshire, HD1 6NT<br>Process: Incineration<br>Permit Number: AG8446           | Original Permit Number: IPCAIRAPP<br>Date Approved: 28-5-1993<br>Effective Date: 28-5-1993<br>Status: Superseded By Variation |
| O  | 432m NE  | Operator: West Yorkshire Waste Ltd<br>Address: Huddersfield Incinerator, Vine Street,<br>Huddersfield, West Yorkshire, HD1 6NT<br>Process: Incineration<br>Permit Number: AL5585           | Original Permit Number: IPCMINVAR<br>Date Approved: 29-4-1994<br>Effective Date: 6-5-1994<br>Status: Superseded By Variation  |
| O  | 432m NE  | Operator: West Yorkshire Waste Ltd<br>Address: Huddersfield Incinerator, Vine Street,<br>Huddersfield, West Yorkshire, HD1 6NT<br>Process: Incineration<br>Permit Number: AT8541           | Original Permit Number: IPCMINVAR<br>Date Approved: 3-11-1995<br>Effective Date: 1-12-1995<br>Status: Revoked                 |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 4.10 Licensed industrial activities (Part A(1))

### Records within 500m

**12**

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Details                                                                                                                                                                                                                                                                                       |                                                                                                                                            |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: WASTE INCINERATION; HAZARDOUS WASTE UNLESS OTHERWISE STATED<br>Permit Number: EP3637XZ<br>Original Permit Number: BJ6178IX                                                                      | EPR Reference: -<br>Issue Date: 11/07/2008<br>Effective Date: 11/07/2008<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: WASTE INCINERATION; HAZARDOUS WASTE UNLESS OTHERWISE STATED<br>Permit Number: HP3339KB<br>Original Permit Number: BJ6178IX                                                                      | EPR Reference: -<br>Issue Date: 09/02/2010<br>Effective Date: 09/02/2010<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: WASTE INCINERATION; HAZARDOUS WASTE UNLESS OTHERWISE STATED<br>Permit Number: KP3138FW<br>Original Permit Number: BJ6178IX                                                                      | EPR Reference: -<br>Issue Date: 29/07/2011<br>Effective Date: 29/07/2011<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: WASTE INCINERATION; HAZARDOUS WASTE UNLESS OTHERWISE STATED<br>Permit Number: RP3934SY<br>Original Permit Number: BJ6178IX                                                                      | EPR Reference: -<br>Issue Date: 24/11/2005<br>Effective Date: 24/11/2005<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: ASSOCIATED PROCESS<br>Permit Number: WP3230RL<br>Original Permit Number: BJ6178IX                                                                                                               | EPR Reference: -<br>Issue Date: 28/08/2015<br>Effective Date: 28/08/2015<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |
| H  | 272m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.<br>Permit Number: WP3230RL<br>Original Permit Number: BJ6178IX | EPR Reference: -<br>Issue Date: 28/08/2015<br>Effective Date: 28/08/2015<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED |



| ID | Location | Details                                                                                                                                                                                                                                                                                                        |                                                                                                                                                   |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| H  | 272m E   | Operator: SUEZ RECYCLING AND RECOVERY KIRKLEES LTD<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: ASSOCIATED PROCESS<br>Permit Number: AP3530DY<br>Original Permit Number: BJ6178IX                                                                                                               | EPR Reference: -<br>Issue Date: 30/06/2016<br>Effective Date: 30/06/2016<br>Last date noted as effective: 15/05/2020<br>Status: EFFECTIVE         |
| H  | 272m E   | Operator: SUEZ RECYCLING AND RECOVERY KIRKLEES LTD<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.<br>Permit Number: AP3530DY<br>Original Permit Number: BJ6178IX | EPR Reference: -<br>Issue Date: 30/06/2016<br>Effective Date: 30/06/2016<br>Last date noted as effective: 15/05/2020<br>Status: EFFECTIVE         |
| K  | 280m E   | Operator: SITA (KIRKLESS) LTD<br>Installation Name: -<br>Process: WASTE INCINERATION; MUNICIPAL WASTE >3T/HR<br>Permit Number: BJ6178<br>Original Permit Number: BJ6178                                                                                                                                        | EPR Reference: -<br>Issue Date: 06/06/2001<br>Effective Date: 06/06/2001<br>Last date noted as effective: 01/10/2004<br>Status: SUPERSEDED BY PAS |
| K  | 280m E   | Operator: SITA (KIRKLEES) LIMITED<br>Installation Name: KIRKLEES EFW EPR/BJ6178IX<br>Process: WASTE INCINERATION; HAZARDOUS WASTE UNLESS OTHERWISE STATED<br>Permit Number: BJ6178IX<br>Original Permit Number: BJ6178IX                                                                                       | EPR Reference: -<br>Issue Date: 06/06/2001<br>Effective Date: 06/06/2001<br>Last date noted as effective: 15/05/2020<br>Status: SUPERCEDED        |
| M  | 373m E   | Operator: JAMES ROBINSON LTD<br>Installation Name: DYESTUFFS MANUFACTURER, LEEDS ROAD, HUDDERSFIELD<br>Process: ORGANIC CHEMICALS; DYES AND PIGMENTS<br>Permit Number: GP3531LZ<br>Original Permit Number: GP3531LZ                                                                                            | EPR Reference: -<br>Issue Date: -<br>Effective Date: -<br>Last date noted as effective: 02/04/2007<br>Status: DETERMINATION                       |
| M  | 373m E   | Operator: JAMES ROBINSON LTD<br>Installation Name: DYESTUFFS MANUFACTURER, LEEDS ROAD, HUDDERSFIELD<br>Process: ASSOCIATED PROCESS<br>Permit Number: GP3531LZ<br>Original Permit Number: GP3531LZ                                                                                                              | EPR Reference: -<br>Issue Date: -<br>Effective Date: -<br>Last date noted as effective: 02/04/2007<br>Status: DETERMINATION                       |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 4.11 Licensed pollutant release (Part A(2)/B)

### Records within 500m

**10**

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Address                                                                               | Details                                                                                                        |                                                                                                                             |
|----|----------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| B  | 120m S   | Bridge Service Station, 20/32 Bradford Road, Huddersfield, HD1 6JE                    | Process: Unloading of Petrol into Storage at Service Stations<br>Status: Current Permit<br>Permit Type: Part B | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| A  | 151m SE  | G S Motors, 41 Lower Viaduct Street, Huddersfield, HD1 6BW                            | Process: Waste Oil Burner 0.4 MW<br>Status: Historical Permit<br>Permit Type: Part B                           | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| A  | 225m S   | Smithy Garage, 28 Viaduct St, Huddersfield, HD1 6BW                                   | Process: Waste Oil Burner 0.4 MW<br>Status: Historical Permit<br>Permit Type: Part B                           | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| I  | 242m NW  | Benjamin Shaw & Sons Ltd, Willow Lane, Huddersfield, HD1 5ED                          | Process: Waste Oil Burner 0.4 MW<br>Status: Historical Permit<br>Permit Type: Part B                           | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| A  | 280m S   | Gothards Ltd, 8 Myrtle St, Huddersfield, HD1 6BP                                      | Process: Pet Food Manufacture<br>Status: Historical Permit<br>Permit Type: Part B                              | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| 10 | 405m S   | Hindle Brothers (Coachbuilders) Ltd, Albion Garage, William St, Huddersfield, HD1 6BG | Process: Respraying of Road Vehicles<br>Status: Historical Permit<br>Permit Type: Part B                       | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| O  | 410m NE  | Kilner Hutchinson Ltd, Emerald Street, Hillhouse, Huddersfield, HD1 6BY               | Process: Other Metal Processes<br>Status: Current Permit<br>Permit Type: Part B                                | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |



| ID | Location | Address                                                                            | Details                                                                                          |                                                                                                                             |
|----|----------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 11 | 413m NE  | Hi-Spec Concrete UK, The Sidings, Off Alder Street, Fartown, Huddersfield, HD1 3PR | Process: Use of Bulk Cement<br>Status: Historical Permit<br>Permit Type: Part B                  | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| O  | 419m NE  | Roadend Foundry, Mark Brooks Yard, Huddersfield, HD1 6NU                           | Process: Non-ferrous Metal Foundry Processes<br>Status: Historical Permit<br>Permit Type: Part B | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |
| 12 | 459m E   | Surefix Motoring Centre, 229 Leeds Road, Huddersfield, HD1 6NW                     | Process: Waste Oil Burner 0.4 MW<br>Status: New Legislation Applies<br>Permit Type: Part B       | Enforcement: No Enforcements Notified<br>Date of enforcement: No Enforcements Notified<br>Comment: No Enforcements Notified |

*This data is sourced from Local Authority records.*

## 4.12 Radioactive Substance Authorisations

### Records within 500m

0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 4.13 Licensed Discharges to controlled waters

### Records within 500m

8

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Address                                                                    | Details                                                                                                                                                             |                                                                                                             |
|----|----------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| E  | 180m SE  | CASTLEGATE BRADFORD CSO, CASTLEGATE, HUDDERSFIELD, WEST YORKSHIRE, HD1 5AN | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: WADC805<br>Permit Version: 3<br>Receiving Water: CULV TRIB OF HEBBLE BECK | Status: VARIED UNDER EPR 2010<br>Issue date: 09/06/2017<br>Effective Date: 09/06/2017<br>Revocation Date: - |



| ID | Location | Address                                                                            | Details                                                                                                                                                       |                                                                                                                                                         |
|----|----------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| I  | 258m NW  | COPLEY VILLAGE SPS, COPLEY LANE, HALIFAX, WAKEFIELD, WEST YORKSHIRE, HX3 0UQ       | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: S/CB/51<br>Permit Version: 1<br>Receiving Water: VARIES WITH OUTLET | Status: TRANSFERRED FROM R(PP)A 1951-1961<br>Issue date: 27/05/1963<br>Effective Date: 27/05/1963<br>Revocation Date: 01/07/1993                        |
| I  | 258m NW  | COPLEY VILLAGE SPS, COPLEY LANE, HALIFAX, WAKEFIELD, WEST YORKSHIRE, HX3 0UQ       | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: S/CB/51<br>Permit Version: 2<br>Receiving Water: VARIES WITH OUTLET | Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2)<br>Issue date: 02/07/1993<br>Effective Date: 02/07/1993<br>Revocation Date: 24/01/1995 |
| I  | 258m NW  | COPLEY VILLAGE SPS, COPLEY LANE, HALIFAX, WAKEFIELD, WEST YORKSHIRE, HX3 0UQ       | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: S/CB/51<br>Permit Version: 3<br>Receiving Water: VARIES WITH OUTLET | Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2)<br>Issue date: 25/01/1995<br>Effective Date: 25/01/1995<br>Revocation Date: 05/03/1995 |
| I  | 258m NW  | COPLEY VILLAGE SPS, COPLEY LANE, HALIFAX, WAKEFIELD, WEST YORKSHIRE, HX3 0UQ       | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: S/CB/51<br>Permit Version: 4<br>Receiving Water: VARIES WITH OUTLET | Status: REVISED BY NOTICE, AT DIRECTION OF SEC. OF STATE - 37(2)<br>Issue date: 25/01/1995<br>Effective Date: 06/03/1995<br>Revocation Date: -          |
| K  | 297m NE  | GKN BUILDING SERVICES, OFF DIAMOND STREET, HILLHOUSE, HUDDERSFIELD, WEST YORKSHIRE | Effluent Type: TRADE DISCHARGES - UNSPECIFIED<br>Permit Number: 3618<br>Permit Version: 1<br>Receiving Water: HUDDERSFIELD BROAD CANAL                        | Status: REVOKED - UNSPECIFIED<br>Issue date: 12/05/1982<br>Effective Date: 12/05/1982<br>Revocation Date: 06/11/1992                                    |
| P  | 445m S   | CASTLEGATE BRADFORD CSO, CASTLEGATE, HUDDERSFIELD, WEST YORKSHIRE, HD1 5AN         | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: WADC805<br>Permit Version: 1<br>Receiving Water: HEBBLE BECK        | Status: TRANSFERRED FROM WATER ACT 1989<br>Issue date: 18/09/1989<br>Effective Date: 18/09/1989<br>Revocation Date: 13/04/2009                          |
| P  | 445m S   | CASTLEGATE BRADFORD CSO, CASTLEGATE, HUDDERSFIELD, WEST YORKSHIRE, HD1 5AN         | Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY<br>Permit Number: WADC805<br>Permit Version: 2<br>Receiving Water: HEBBLE BECK        | Status: TRANSFERRED FROM WATER ACT 1989<br>Issue date: 14/04/2009<br>Effective Date: 14/04/2009<br>Revocation Date: 08/06/2017                          |



*This data is sourced from the Environment Agency and Natural Resources Wales.*

#### 4.14 Pollutant release to surface waters (Red List)

**Records within 500m**

**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

#### 4.15 Pollutant release to public sewer

**Records within 500m**

**2**

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Address                                                                                              | Details                                                                                                                   |                                                    |
|----|----------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| H  | 274m E   | SITA (KIRKLESS) LTD, HONLEY LANDFILL SITE, HONLEY LANDFILL SITE, HONLEY, HUDDERSFIELD, HD7 2RF       | Permission reference: BJ0714<br>Local Authority: KIRKLEES METROPOLITAN BOROUGH COUNCIL<br>First received date: 01/07/2010 | Last received date: 01/01/2018<br>Status: RECEIVED |
| O  | 432m NE  | WAKEFIELD CITY COUNCIL, HUDDERSFIELD INCINERATOR, VINE STREET, HUDDERSFIELD, WEST YORKSHIRE, HD1 6NT | Permission reference: AI6258<br>Local Authority: WAKEFIELD CITY COUNCIL<br>First received date: 01/06/2001                | Last received date: 01/01/2018<br>Status: RECEIVED |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

#### 4.16 List 1 Dangerous Substances

**Records within 500m**

**5**

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Name                                      | Status | Receiving Water | Authorised Substances    |
|----|----------|-------------------------------------------|--------|-----------------|--------------------------|
| K  | 297m NE  | Sita Kirkless Limited                     | Active | Dummy Site      | Mercury (other), Cadmium |
| L  | 350m NE  | Kirklees Waste Services Ltd, Huddersfield | Active | Dummy Site      | Mercury (other), Cadmium |



| ID | Location | Name                                             | Status | Receiving Water | Authorised Substances |
|----|----------|--------------------------------------------------|--------|-----------------|-----------------------|
| N  | 393m E   | James Robinson Ltd, Hillhouse Lane, Huddersfield | Active | Dummy Site      | Mercury (other)       |
| N  | 393m E   | James Robinson Ltd, Hillhouse Lane, Huddersfield | Active | Dummy Site      | Mercury (other)       |
| N  | 393m E   | James Robinson Ltd, Hillhouse Lane, Huddersfield | Active | Dummy Site      | Mercury (other)       |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 4.17 List 2 Dangerous Substances

### Records within 500m

1

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Name                        | Status     | Receiving Water | Authorised Substances                 |
|----|----------|-----------------------------|------------|-----------------|---------------------------------------|
| L  | 349m NE  | Kirklees Waste Services Ltd | Not Active | Unknown         | Arsenic, Chromium, Copper, Lead, Zinc |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 4.18 Pollution Incidents (EA/NRW)

### Records within 500m

2

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 45**

| ID | Location | Details                                                                                                                                      |                                                                                                           |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 5  | 122m N   | Incident Date: 20/07/2001<br>Incident Identification: 17694<br>Pollutant: Contaminated Water<br>Pollutant Description: Firefighting Run-Off  | Water Impact: Category 3 (Minor)<br>Land Impact: Category 4 (No Impact)<br>Air Impact: Category 3 (Minor) |
| H  | 308m E   | Incident Date: 18/10/2002<br>Incident Identification: 115621<br>Pollutant: Pollutant Not Identified<br>Pollutant Description: Not Identified | Water Impact: Category 3 (Minor)<br>Land Impact: Category 3 (Minor)<br>Air Impact: Category 4 (No Impact) |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 4.19 Pollution inventory substances

### Records within 500m

5

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on **page 45**

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:

| Route | Substance                  | Reporting threshold (kg) | Quantity (kg) |
|-------|----------------------------|--------------------------|---------------|
| Air   | Particulate matter - PM10  | 1000kg                   | 2686.4kg      |
| Air   | Particulate matter - PM2.5 | 1000kg                   | 2686.4kg      |

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:

| Route | Substance                                     | Reporting threshold (kg) | Quantity (kg) |
|-------|-----------------------------------------------|--------------------------|---------------|
| Air   | Polychlorinated biphenyls (PCBs) - as WHO TEQ | 1e-5kg                   | 0.00048kg     |

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:



| Route | Substance                                                    | Reporting threshold (kg) | Quantity (kg) |
|-------|--------------------------------------------------------------|--------------------------|---------------|
| Air   | Nitrogen oxides (NO and NO <sub>2</sub> ) as NO <sub>2</sub> | 100000kg                 | 159493.2kg    |

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:

| Route | Substance                                          | Reporting threshold (kg) | Quantity (kg)             |
|-------|----------------------------------------------------|--------------------------|---------------------------|
| Air   | Ammonia                                            | 1000kg                   | Below Reporting Threshold |
| Air   | Carbon monoxide                                    | 100000kg                 | Below Reporting Threshold |
| Air   | Nitrous oxide                                      | 10000kg                  | Below Reporting Threshold |
| Air   | Arsenic                                            | 1kg                      | Below Reporting Threshold |
| Air   | Cadmium                                            | 1kg                      | Below Reporting Threshold |
| Air   | Chromium                                           | 10kg                     | Below Reporting Threshold |
| Air   | Copper                                             | 10kg                     | Below Reporting Threshold |
| Air   | Lead                                               | 100kg                    | Below Reporting Threshold |
| Air   | Mercury                                            | 1kg                      | Below Reporting Threshold |
| Air   | Nickel                                             | 10kg                     | Below Reporting Threshold |
| Air   | Chlorine and inorganic chlorine compounds - as HCl | 10000kg                  | Below Reporting Threshold |
| Air   | Fluorine and inorganic fluorine compounds - as HF  | 1000kg                   | Below Reporting Threshold |
| Air   | Non-methane volatile organic compounds (NMVOCs)    | 10000kg                  | Below Reporting Threshold |
| Air   | Benzo(k)fluoranthene                               | 1kg                      | Below Reporting Threshold |
| Air   | Dioxins and furans (PCDDs/PCDFs) - as ITEQ         | 1e-5kg                   | Below Reporting Threshold |
| Air   | Benzo(a)pyrene                                     | 1kg                      | Below Reporting Threshold |
| Air   | Naphthalene                                        | 100kg                    | Below Reporting Threshold |
| Air   | Polychlorinated biphenyls (PCBs)                   | 0.1kg                    | Below Reporting Threshold |
| Air   | Particulate matter - total                         | 10000kg                  | Below Reporting Threshold |
| Air   | Benzo(b)fluoranthene                               | 1kg                      | Below Reporting Threshold |

| Route | Substance                                     | Reporting threshold (kg) | Quantity (kg)             |
|-------|-----------------------------------------------|--------------------------|---------------------------|
| Air   | Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ | 1e-5kg                   | Below Reporting Threshold |
| Air   | Sulphur oxides (SO2 and SO3) as SO2           | 100000kg                 | Below Reporting Threshold |

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:

| Route | Substance      | Reporting threshold (kg) | Quantity (kg) |
|-------|----------------|--------------------------|---------------|
| Air   | Carbon dioxide | 10000000kg               | 138075552kg   |

*This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.*

## 4.20 Pollution inventory waste transfers

### Records within 500m

1

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

Features are displayed on the Current industrial land use map on **page 45**

ID: H, Location: 272m E, Permit: BJ6178IX  
 Operator: Suez Recycling And Recovery Kirklees Ltd  
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.  
 Address: Kirklees Waste Services Vine Street Hillhouse Kirklees HD1 6BZ  
 Sector: EfW, Sub-sector: EfW  
 Releases:

| Route | Route description                                   | Quantity (tonnes) | Release level  | EWC code | EWC description                           | Hazardous waste |
|-------|-----------------------------------------------------|-------------------|----------------|----------|-------------------------------------------|-----------------|
| R4    | Recycling/reclamation of metals and metal compounds | 2224              | Absolute Value | 19 01 02 | ferrous materials removed from bottom ash | No              |
| R5    | Recycling/reclamation of other inorganic materials  | 3905.18           | Absolute Value | 19 01 07 | solid wastes from gas treatment           | Yes             |



| Route | Route description                                  | Quantity (tonnes) | Release level  | EWC code | EWC description                                            | Hazardous waste |
|-------|----------------------------------------------------|-------------------|----------------|----------|------------------------------------------------------------|-----------------|
| D1    | Deposit into or onto land (eg landfill, etc.)      | 807.78            | Absolute Value | 19 01 07 | solid wastes from gas treatment                            | Yes             |
| R5    | Recycling/reclamation of other inorganic materials | 25074             | Absolute Value | 19 01 12 | bottom ash and slag other than those mentioned in 19 01 11 | No              |
| D1    | Deposit into or onto land (eg landfill, etc.)      | 4619.04           | Absolute Value | 20 03 07 | bulky waste                                                | No              |

*This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.*

## 4.21 Pollution inventory radioactive waste

**Records within 500m**

**0**

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

*This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.*



## 5 Geology (basic)

### 5.1 Superficial geology (625k)

**Records within 500m****0**

Generalised geology data based on BGS's published poster maps of the UK (North and South). Superficial related themes digitised from 1977 first edition Quaternary map (North and South).

*This data is sourced from the British Geological Survey.*

### 5.2 Bedrock geology (625k)

**Records within 500m****1**

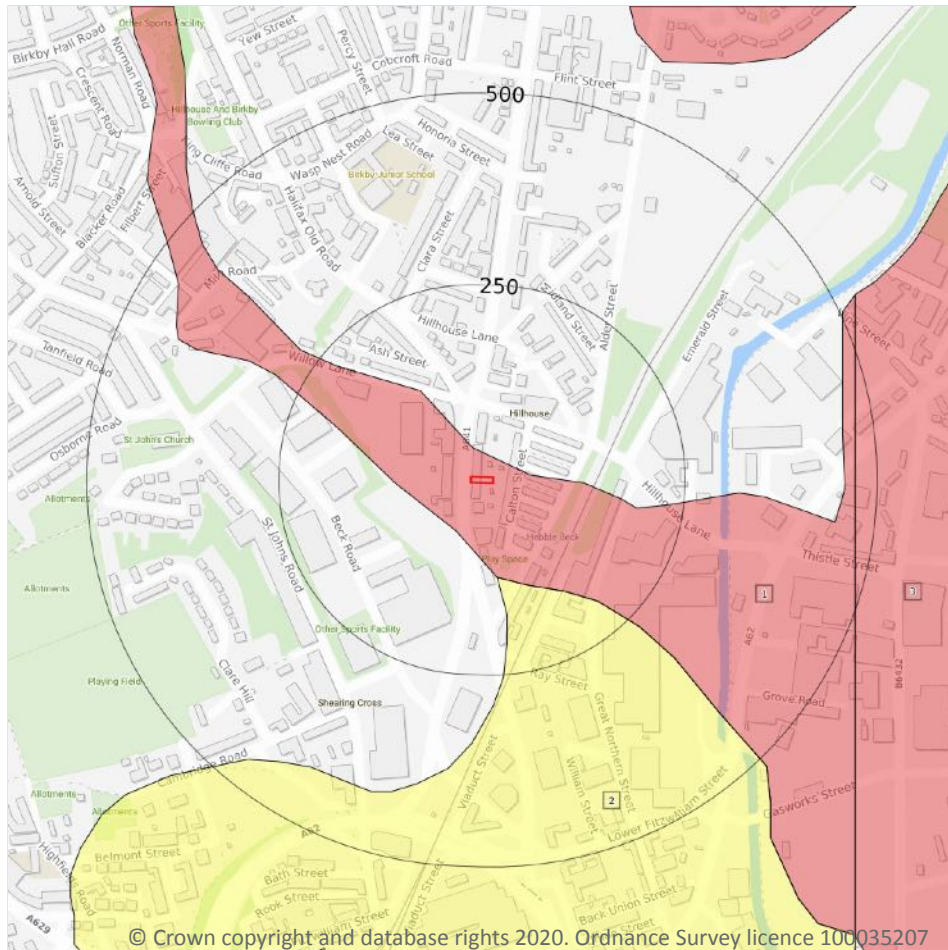
Generalised geology data based on BGS's published poster maps of the UK (North and South). Bedrock related themes created through generalisation of 1:50,000 data.

| Location | Lex code   | Description                                                                                            | Rock type                                                      |
|----------|------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| On site  | PSLCM-MSCI | PENNINE LOWER COAL MEASURES FORMATION AND SOUTH WALES LOWER COAL MEASURES FORMATION (UNDIFFERENTIATED) | MUDSTONE, SILTSTONE, SANDSTONE, COAL, IRONSTONE AND FERRICRETE |

*This data is sourced from the British Geological Survey.*



## 6 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
  - Secondary A
  - Secondary B
  - Secondary Undifferentiated
  - Unproductive
  - Unknown

### 6.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 66**

| ID | Location | Designation                | Description                                                                                                                                                                                                                                             |
|----|----------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | On site  | Secondary A                | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers                  |
| 2  | 123m S   | Secondary Undifferentiated | Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type |

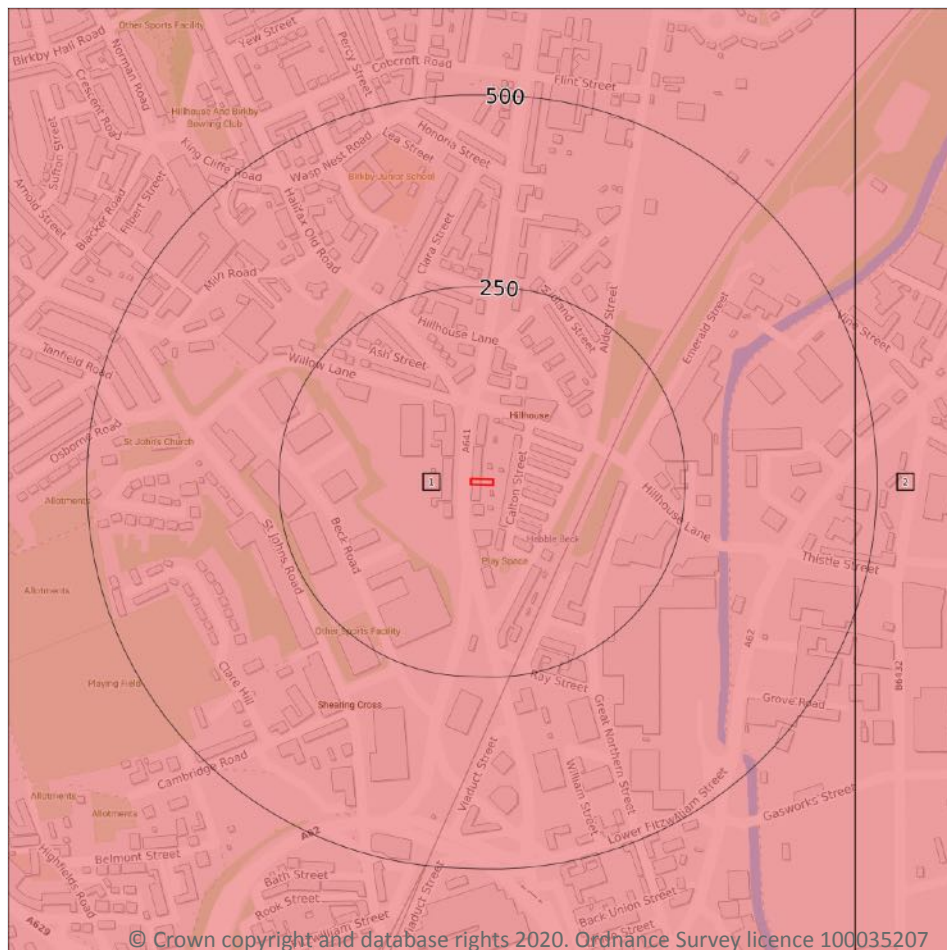


| ID | Location | Designation | Description                                                                                                                                                                                                                            |
|----|----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3  | 471m E   | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |

*This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.*



## Bedrock aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
  - Secondary A
  - Secondary B
  - Secondary Undifferentiated
  - Unproductive

## 6.2 Bedrock aquifer

### Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 68**

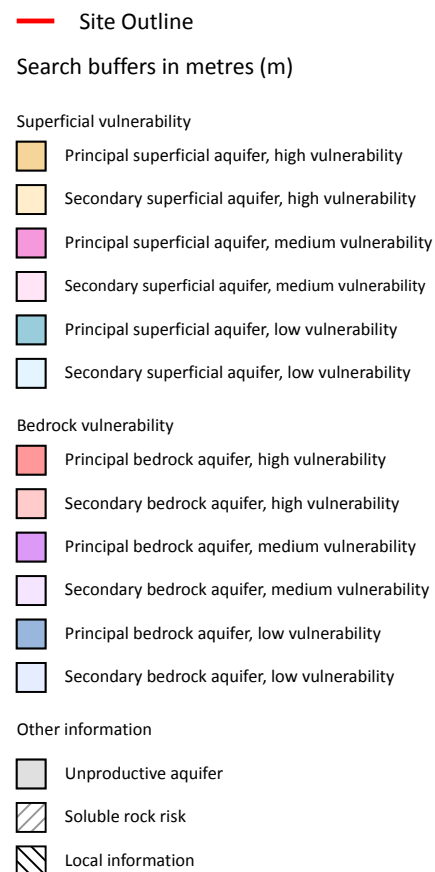
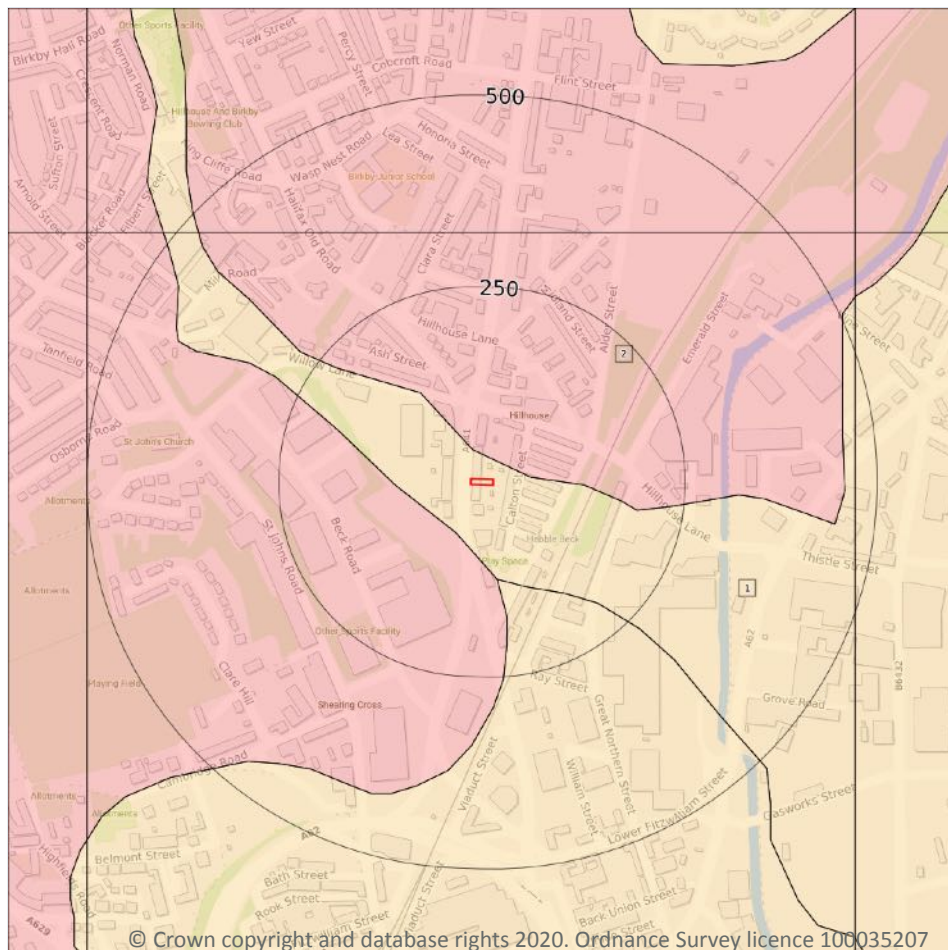
| ID | Location | Designation | Description                                                                                                                                                                                                                            |
|----|----------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | On site  | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |
| 2  | 471m E   | Secondary A | Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers |



*This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.*



## Groundwater vulnerability



### 6.3 Groundwater vulnerability

#### Records within 50m

2

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 70**



| ID | Location | Summary                                                                                                                                                                               | Soil / surface                                                                                             | Superficial geology                                                                                                                                          | Bedrock geology                                                                                                 |
|----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 1  | On site  | <b>Summary Classification:</b><br>Secondary superficial aquifer - High Vulnerability<br><b>Combined classification:</b><br>Productive Bedrock Aquifer, Productive Superficial Aquifer | <b>Leaching class:</b> High<br><b>Infiltration value:</b><br>>70%<br><b>Dilution value:</b> 300-550mm/year | <b>Vulnerability:</b> High<br><b>Aquifer type:</b> Secondary<br><b>Thickness:</b> <3m<br><b>Patchiness value:</b> <90%<br><b>Recharge potential:</b> No Data | <b>Vulnerability:</b> High<br><b>Aquifer type:</b> Secondary<br><b>Flow mechanism:</b> Well connected fractures |
| 2  | 23m NE   | <b>Summary Classification:</b><br>Secondary bedrock aquifer - High Vulnerability<br><b>Combined classification:</b><br>Productive Bedrock Aquifer, No Superficial Aquifer             | <b>Leaching class:</b> High<br><b>Infiltration value:</b><br>>70%<br><b>Dilution value:</b> 300-550mm/year | <b>Vulnerability:</b> -<br><b>Aquifer type:</b> -<br><b>Thickness:</b> <3m<br><b>Patchiness value:</b> <90%<br><b>Recharge potential:</b> No Data            | <b>Vulnerability:</b> High<br><b>Aquifer type:</b> Secondary<br><b>Flow mechanism:</b> Well connected fractures |

*This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.*

## 6.4 Groundwater vulnerability- soluble rock risk

### Records on site

0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

*This data is sourced from the British Geological Survey and the Environment Agency.*

## 6.5 Groundwater vulnerability- local information

### Records on site

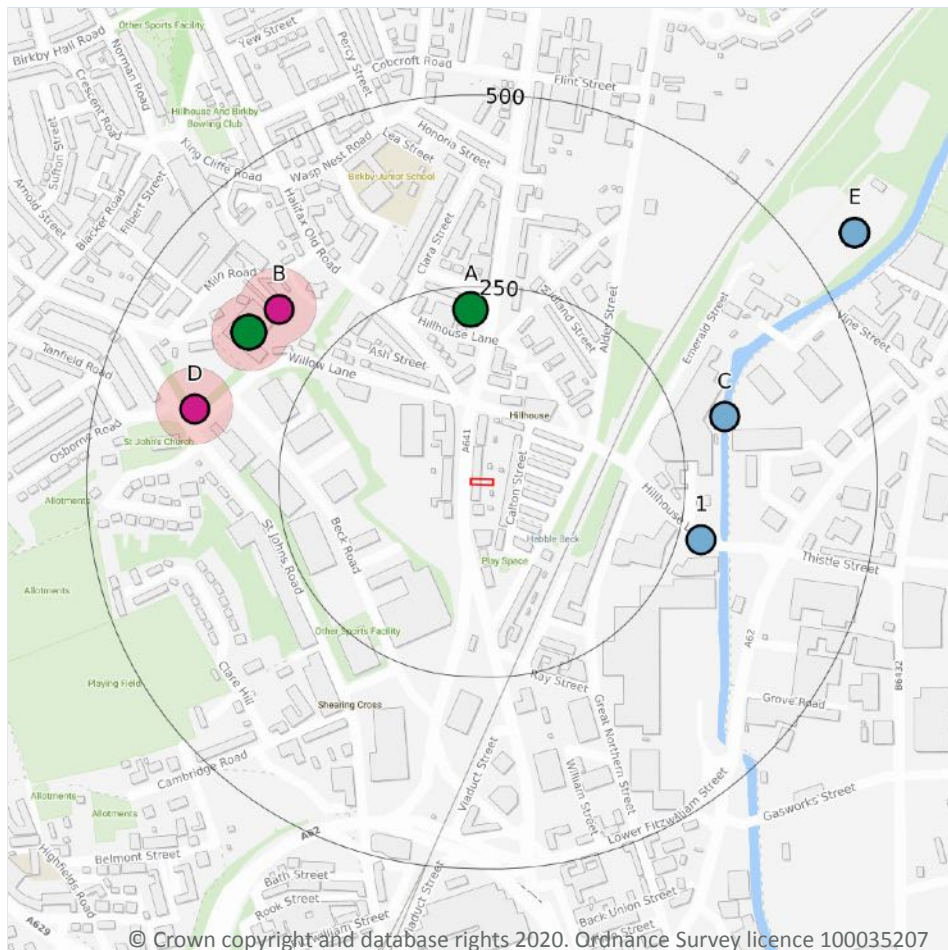
0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk).

*This data is sourced from the British Geological Survey and the Environment Agency.*



## Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1  
Inner catchment
- Source Protection Zone 2  
Outer catchment
- Source Protection Zone 3  
Total catchment
- Source Protection Zone 4  
Zone of Special Interest
- Source Protection Zone 1c  
Inner catchment - confined aquifer
- Source Protection Zone 2c  
Outer catchment - confined aquifer
- Source Protection Zone 3c  
Total catchment - confined aquifer
- Drinking water abstraction licences  
Polygon features
- Drinking water abstraction licences  
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

### 6.6 Groundwater abstractions

#### Records within 2000m

29

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 72**

| ID | Location | Details                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                  |
|----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A  | 221m N   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414500<br>Northing: 417900                            | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: -         |
| A  | 221m N   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414500<br>Northing: 417900           | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: -         |
| B  | 333m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414250<br>Northing: 417900 | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: - |
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414210<br>Northing: 417870                            | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: -         |
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS LTD<br>Easting: 414210<br>Northing: 417870            | Annual Volume (m <sup>3</sup> ): 360000<br>Max Daily Volume (m <sup>3</sup> ): 1200<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 01/11/2004<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                     |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT- HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414210<br>Northing: 417870                                             | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: -    |
| D  | 371m W   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414140<br>Northing: 417770                                              | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: -    |
| E  | 570m NE  | Status: Historical<br>Licence No: 2/27/11/171<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: HUDDERSFIELD DYEING CO LTD<br>Easting: 415000<br>Northing: 418000                             | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 24/05/1990<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 24/05/1990<br>Version End Date: -            |
| E  | 570m NE  | Status: Active<br>Licence No: 2/27/11/171<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT - HUDDERSFIELD<br>Data Type: Point<br>Name: HUDDERSFIELD DYEING CO LTD<br>Easting: 415000<br>Northing: 418000 | Annual Volume (m <sup>3</sup> ): 136,410<br>Max Daily Volume (m <sup>3</sup> ): 637.07<br>Original Application No: -<br>Original Start Date: 24/05/1990<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 24/05/1990<br>Version End Date: - |
| -  | 632m S   | Status: Historical<br>Licence No: 2/27/11/193<br>Details: Non-Evaporative Cooling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD<br>Data Type: Point<br>Name: KIRKLEES METROPOLITAN COUNCIL<br>Easting: 414580<br>Northing: 417040                            | Annual Volume (m <sup>3</sup> ): 2400<br>Max Daily Volume (m <sup>3</sup> ): 85<br>Original Application No: -<br>Original Start Date: 18/05/2007<br>Expiry Date: 31/03/2015<br>Issue No: 2<br>Version Start Date: 01/04/2008<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                        |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 636m S   | Status: Active<br>Licence No: 2/27/11/193/R01<br>Details: Heat Pump<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD<br>Data Type: Point<br>Name: Kirklees Council<br>Easting: 414584<br>Northing: 417037                                                                             | Annual Volume (m <sup>3</sup> ): 32,000<br>Max Daily Volume (m <sup>3</sup> ): 357<br>Original Application No: -<br>Original Start Date: 17/04/2015<br>Expiry Date: 31/03/2027<br>Issue No: 2<br>Version Start Date: 02/10/2017<br>Version End Date: - |
| -  | 705m E   | Status: Historical<br>Licence No: 2/27/11/060<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE X4 - CARBONIFEROUS MILLSTONE GRIT<br>Data Type: Poly4<br>Name: ZENECA FINE CHEMICAL MANUFACTURING ORGANISATION<br>Easting: 416690<br>Northing: 418150 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 27/01/1966<br>Version End Date: -               |
| -  | 705m E   | Status: Historical<br>Licence No: 2/27/11/060<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 4 - MILLSTONE GRIT - HUDDERSFIELD<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 415180<br>Northing: 417400                                    | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 6000.84<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 12/10/2006<br>Version End Date: -   |
| -  | 705m E   | Status: Historical<br>Licence No: 2/27/11/060<br>Details: Process Water<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 4 - MILLSTONE GRIT - HUDDERSFIELD<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 415180<br>Northing: 417400                                                                          | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 6000.84<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 12/10/2006<br>Version End Date: -   |



| ID | Location | Details                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                      |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 771m SE  | Status: Historical<br>Licence No: 2/27/11/060<br>Details: Process Water<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 3 - MILLSTONE GRIT<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 415200<br>Northing: 417290                                                            | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 6000.84<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 12/10/2006<br>Version End Date: - |
| -  | 771m SE  | Status: Historical<br>Licence No: 2/27/11/060<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 3 - MILLSTONE GRIT<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 415200<br>Northing: 417290                      | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 6000.84<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 12/10/2006<br>Version End Date: - |
| -  | 1672m S  | Status: Historical<br>Licence No: 2/27/11/176<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: SKA TEXTILES LTD<br>Easting: 414600<br>Northing: 416000                                | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 20/08/1995<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 08/02/2001<br>Version End Date: -             |
| -  | 1672m S  | Status: Historical<br>Licence No: 2/27/11/176<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD<br>Data Type: Point<br>Name: SKA TEXTILES LTD<br>Easting: 414600<br>Northing: 416000 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 20/08/1995<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 08/02/2001<br>Version End Date: -             |



| ID | Location | Details                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                         |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1674m S  | Status: Historical<br>Licence No: 2/27/11/176<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - HUDDERSFIELD<br>Data Type: Point<br>Name: SKA TEXTILES LTD<br>Easting: 414400<br>Northing: 416000 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 20/08/1995<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 08/02/2001<br>Version End Date: -                |
| -  | 1699m SW | Status: Historical<br>Licence No: 2/27/11/190<br>Details: Process Water<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: SKA TEXTILES LTD<br>Easting: 413830<br>Northing: 416110                                               | Annual Volume (m <sup>3</sup> ): 465000<br>Max Daily Volume (m <sup>3</sup> ): 1272<br>Original Application No: -<br>Original Start Date: 04/02/2005<br>Expiry Date: 31/12/2010<br>Issue No: 2<br>Version Start Date: 18/04/2006<br>Version End Date: - |
| -  | 1781m SW | Status: Historical<br>Licence No: NE/027/0011/006<br>Details: Process Water<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: SKA TEXTILES LTD<br>Easting: 413794<br>Northing: 416036                                           | Annual Volume (m <sup>3</sup> ): 200000<br>Max Daily Volume (m <sup>3</sup> ): 1272<br>Original Application No: -<br>Original Start Date: 06/01/2011<br>Expiry Date: 31/03/2027<br>Issue No: 1<br>Version Start Date: 06/01/2011<br>Version End Date: - |
| -  | 1880m SE | Status: Historical<br>Licence No: 2/27/11/031<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200           | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: -                |
| -  | 1880m SE | Status: Historical<br>Licence No: 2/27/11/018<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200           | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: -                |

| ID | Location | Details                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                     |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1880m SE | Status: Historical<br>Licence No: 2/27/11/031<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT - MOLDGREEN<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200 | Annual Volume (m <sup>3</sup> ): 36754<br>Max Daily Volume (m <sup>3</sup> ): 136.38<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: -   |
| -  | 1880m SE | Status: Historical<br>Licence No: 2/27/11/018<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT - MOLDGREEN<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200 | Annual Volume (m <sup>3</sup> ): 105854<br>Max Daily Volume (m <sup>3</sup> ): 390.956<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: - |
| -  | 1880m SE | Status: Active<br>Licence No: 2/27/11/018<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - MOLDGREEN<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200      | Annual Volume (m <sup>3</sup> ): 105,854<br>Max Daily Volume (m <sup>3</sup> ): 390.96<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: - |
| -  | 1880m SE | Status: Active<br>Licence No: 2/27/11/031<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - COAL MEASURES - MOLDGREEN<br>Data Type: Point<br>Name: W T JOHNSON & SONS (HUDDERSFIELD) LTD<br>Easting: 415700<br>Northing: 416200      | Annual Volume (m <sup>3</sup> ): 36,754<br>Max Daily Volume (m <sup>3</sup> ): 136.38<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 14/12/1965<br>Version End Date: -  |



| ID | Location | Details                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                       |
|----|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1913m E  | Status: Active<br>Licence No: 2/27/11/060<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 2 - MILLSTONE GRIT - HUDDERSFIELD<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 416370<br>Northing: 418200 | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 1,091.06<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 103<br>Version Start Date: 23/06/2017<br>Version End Date: - |
| -  | 1913m E  | Status: Active<br>Licence No: 2/27/11/060<br>Details: Process Water<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE 2 - MILLSTONE GRIT - HUDDERSFIELD<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 416370<br>Northing: 418200                                       | Annual Volume (m <sup>3</sup> ): 881,941<br>Max Daily Volume (m <sup>3</sup> ): 1,091.06<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 103<br>Version Start Date: 23/06/2017<br>Version End Date: - |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 6.7 Surface water abstractions

### Records within 2000m

**18**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 72**

| ID | Location | Details                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                          |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 280m E   | Status: Historical<br>Licence No: 2/27/11/182<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD BROAD CANAL<br>Data Type: Point<br>Name: BRITISH WATERWAYS<br>Easting: 414800<br>Northing: 417600 | Annual Volume (m <sup>3</sup> ): 170000<br>Max Daily Volume (m <sup>3</sup> ): 750<br>Original Application No: -<br>Original Start Date: 10/07/1998<br>Expiry Date: 31/12/2006<br>Issue No: 100<br>Version Start Date: 10/07/1998<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                    |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C  | 312m E   | Status: Historical<br>Licence No: 2/27/11/158<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD BROAD CANAL<br>Data Type: Point<br>Name: BRITISH WATERWAYS BOARD<br>Easting: 414830<br>Northing: 417760                     | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 27/10/1972<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 26/10/1999<br>Version End Date: -           |
| C  | 312m E   | Status: Active<br>Licence No: 2/27/11/158<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD BROAD CANAL - HUDERSFIELD INCINERATOR<br>Data Type: Point<br>Name: Canal and River Trust<br>Easting: 414830<br>Northing: 417760 | Annual Volume (m <sup>3</sup> ): 273,000<br>Max Daily Volume (m <sup>3</sup> ): 1,090<br>Original Application No: -<br>Original Start Date: 27/10/1972<br>Expiry Date: -<br>Issue No: 103<br>Version Start Date: 21/01/2008<br>Version End Date: - |
| E  | 570m NE  | Status: Historical<br>Licence No: 2/27/11/131<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: BRITISH WATERWAYS<br>Easting: 415000<br>Northing: 418000                                 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 26/05/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 17/02/1993<br>Version End Date: -           |
| E  | 570m NE  | Status: Historical<br>Licence No: 2/27/11/131<br>Details: General use relating to Secondary Category (Very Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: BRITISH WATERWAYS<br>Easting: 415000<br>Northing: 418000                               | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 26/05/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 17/02/1993<br>Version End Date: -           |



| ID | Location | Details                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                    |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E  | 570m NE  | Status: Active<br>Licence No: 2/27/11/131<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: Canal and River Trust<br>Easting: 415000<br>Northing: 418000       | Annual Volume (m <sup>3</sup> ): 400,000<br>Max Daily Volume (m <sup>3</sup> ): 1,800<br>Original Application No: -<br>Original Start Date: 26/05/1966<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 21/01/2008<br>Version End Date: - |
| E  | 570m NE  | Status: Active<br>Licence No: 2/27/11/131<br>Details: Process Water<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: Canal and River Trust<br>Easting: 415000<br>Northing: 418000                                             | Annual Volume (m <sup>3</sup> ): 400,000<br>Max Daily Volume (m <sup>3</sup> ): 1,800<br>Original Application No: -<br>Original Start Date: 26/05/1966<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 21/01/2008<br>Version End Date: - |
| -  | 1299m S  | Status: Historical<br>Licence No: 2/27/11/160<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: BRITISH WATERWAYS BOARD<br>Easting: 414800<br>Northing: 416400 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 01/03/1974<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 17/11/1993<br>Version End Date: -           |
| -  | 1354m S  | Status: Active<br>Licence No: 2/27/11/160<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD CANAL<br>Data Type: Point<br>Name: Canal and River Trust<br>Easting: 414870<br>Northing: 416360       | Annual Volume (m <sup>3</sup> ): 700,000<br>Max Daily Volume (m <sup>3</sup> ): 3,600<br>Original Application No: -<br>Original Start Date: 01/03/1974<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 21/01/2008<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                             |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1437m S  | Status: Active<br>Licence No: 2/27/11/175<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD NARROW CANAL<br>Data Type: Line<br>Name: Canal and River Trust<br>Easting: 414690<br>Northing: 416080       | Annual Volume (m <sup>3</sup> ): 1,250,000<br>Max Daily Volume (m <sup>3</sup> ): 3,960<br>Original Application No: -<br>Original Start Date: 22/09/1994<br>Expiry Date: -<br>Issue No: 103<br>Version Start Date: 21/01/2008<br>Version End Date: -        |
| -  | 1548m S  | Status: Historical<br>Licence No: 2/27/11/175<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD NARROW CANAL<br>Data Type: Line<br>Name: BRITISH WATERWAYS BOARD<br>Easting: 414650<br>Northing: 416010 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 22/09/1994<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 10/03/2003<br>Version End Date: -                    |
| -  | 1616m S  | Status: Active<br>Licence No: NE/027/0011/011<br>Details: Non-Evaporative Cooling<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD NARROW CANAL<br>Data Type: Point<br>Name: Canal and River Trust<br>Easting: 414179<br>Northing: 416087                              | Annual Volume (m <sup>3</sup> ): 1,684,800<br>Max Daily Volume (m <sup>3</sup> ): 7,560<br>Original Application No: -<br>Original Start Date: 24/04/2012<br>Expiry Date: 31/03/2027<br>Issue No: 1<br>Version Start Date: 24/04/2012<br>Version End Date: - |
| -  | 1665m S  | Status: Historical<br>Licence No: 2/27/11/175<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: HUDDERSFIELD NARROW CANAL<br>Data Type: Line<br>Name: BRITISH WATERWAYS BOARD<br>Easting: 414650<br>Northing: 416010 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 22/09/1994<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 22/09/1994<br>Version End Date: -                    |



| ID | Location | Details                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1895m S  | Status: Historical<br>Licence No: 2/27/10/009<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: RIVER HOLME<br>Data Type: Point<br>Name: TAYLOR & LODGE LTD<br>Easting: 414200<br>Northing: 415800                                | Annual Volume (m <sup>3</sup> ): 54552<br>Max Daily Volume (m <sup>3</sup> ): 327.312<br>Original Application No: -<br>Original Start Date: 01/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 01/12/1965<br>Version End Date: -     |
| -  | 1895m S  | Status: Historical<br>Licence No: 2/27/10/009<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: RIVER HOLME - HUDDERSFIELD<br>Data Type: Point<br>Name: TAYLOR & LODGE LTD<br>Easting: 414200<br>Northing: 415800                 | Annual Volume (m <sup>3</sup> ): 54552<br>Max Daily Volume (m <sup>3</sup> ): 327.312<br>Original Application No: -<br>Original Start Date: 01/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 01/12/1965<br>Version End Date: -     |
| -  | 1912m E  | Status: Historical<br>Licence No: 2/27/11/059<br>Details: General use relating to Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: RIVER COLNE<br>Data Type: Poly3<br>Name: ZENECA FINE CHEMICAL MANUFACTURING ORGANISATION<br>Easting: 416660<br>Northing: 418270   | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 12/04/1985<br>Version End Date: -               |
| -  | 1912m E  | Status: Active<br>Licence No: 2/27/11/059<br>Details: General Use Relating To Secondary Category (Medium Loss)<br>Direct Source: SURFACE WATER<br>Point: RIVER COLNE AND TRIBUTARIES - POINT 5 - DALTON WORKS<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 416330<br>Northing: 418320 | Annual Volume (m <sup>3</sup> ): 24,600,000<br>Max Daily Volume (m <sup>3</sup> ): 67,200<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 25/07/2002<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                        |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -  | 1912m E  | Status: Active<br>Licence No: 2/27/11/059<br>Details: General Cooling (Existing Licences Only) (Low Loss)<br>Direct Source: SURFACE WATER<br>Point: RIVER COLNE AND TRIBUTARIES - POINT 5 - DALTON WORKS<br>Data Type: Point<br>Name: SYNGENTA LTD<br>Easting: 416330<br>Northing: 418320 | Annual Volume (m <sup>3</sup> ): 24,600,000<br>Max Daily Volume (m <sup>3</sup> ): 67,200<br>Original Application No: -<br>Original Start Date: 27/01/1966<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 25/07/2002<br>Version End Date: - |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 6.8 Potable abstractions

### Records within 2000m

7

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 72**

| ID | Location | Details                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                          |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A  | 221m N   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414500<br>Northing: 417900                  | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: - |
| A  | 221m N   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414500<br>Northing: 417900 | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: - |



| ID | Location | Details                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                  |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B  | 333m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414250<br>Northing: 417900  | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: - |
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE<br>Data Type: Point<br>Name: BENJAMIN SHAW & SONS LTD<br>Easting: 414210<br>Northing: 417870                             | Annual Volume (m <sup>3</sup> ): -<br>Max Daily Volume (m <sup>3</sup> ): -<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 26/03/1999<br>Version End Date: -         |
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE - MILLSTONE GRIT<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS LTD<br>Easting: 414210<br>Northing: 417870             | Annual Volume (m <sup>3</sup> ): 360000<br>Max Daily Volume (m <sup>3</sup> ): 1200<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 01/11/2004<br>Version End Date: - |
| B  | 347m NW  | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT- HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414210<br>Northing: 417870 | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: - |
| D  | 371m W   | Status: Historical<br>Licence No: 2/27/11/023<br>Details: Water Bottling<br>Direct Source: GROUNDWATERS<br>Point: BOREHOLE-MILLSTONE GRIT-HUDDERSFIELD<br>Data Type: Point<br>Name: BRITVIC SOFT DRINKS PLC<br>Easting: 414140<br>Northing: 417770  | Annual Volume (m <sup>3</sup> ): 90920<br>Max Daily Volume (m <sup>3</sup> ): 636.4<br>Original Application No: -<br>Original Start Date: 14/12/1965<br>Expiry Date: -<br>Issue No: 102<br>Version Start Date: 01/01/2009<br>Version End Date: - |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 6.9 Source Protection Zones

**Records within 500m****2**

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 72**

| ID | Location | Type | Description     |
|----|----------|------|-----------------|
| B  | 288m NW  | 1    | Inner catchment |
| D  | 322m W   | 1    | Inner catchment |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 6.10 Source Protection Zones (confined aquifer)

**Records within 500m****0**

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 7 Hydrology



- Site Outline
- Search buffers in metres (m)
- Water Network (OS MasterMap)
- Surface water features (wider than 5m)
- Surface water features (narrower than 5m)
- ... WFD River, canal and surface water transfer water bodies
- WFD Lake water bodies
- WFD Transitional and coastal water bodies
- WFD Surface water body catchments boundaries
- WFD Groundwater body boundaries

### 7.1 Water Network (OS MasterMap)

Records within 250m

3

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 87**

| ID | Location | Type of water feature                               | Ground level | Permanence                                                      | Name        |
|----|----------|-----------------------------------------------------|--------------|-----------------------------------------------------------------|-------------|
| 1  | 56m S    | Inland river not influenced by normal tidal action. | Not provided | Watercourse contains water year round (in normal circumstances) | Hebble Beck |



| ID | Location | Type of water feature                               | Ground level      | Permanence                                                      | Name        |
|----|----------|-----------------------------------------------------|-------------------|-----------------------------------------------------------------|-------------|
| 3  | 109m W   | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Hebble Beck |
| 4  | 184m SE  | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Hebble Beck |

*This data is sourced from the Ordnance Survey.*

## 7.2 Surface water features

**Records within 250m**

**0**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

*This data is sourced from the Ordnance Survey.*

## 7.3 WFD Surface water body catchments

**Records on site**

**1**

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 87**

| ID | Location | Type               | Water body catchment                   | Water body ID  | Operational catchment | Management catchment |
|----|----------|--------------------|----------------------------------------|----------------|-----------------------|----------------------|
| A  | On site  | River WB catchment | Colne from River Holme to River Calder | GB104027062550 | Colne and Holme       | Aire and Calder      |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 7.4 WFD Surface water bodies

**Records identified**

**1**

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is



detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 87**

| ID | Location | Type  | Name                                   | Water body ID                  | Overall rating | Chemical rating | Ecological rating | Year |
|----|----------|-------|----------------------------------------|--------------------------------|----------------|-----------------|-------------------|------|
| 2  | 56m S    | River | Colne from River Holme to River Calder | <a href="#">GB104027062550</a> | Moderate       | Good            | Moderate          | 2016 |

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 7.5 WFD Groundwater bodies

|                        |          |
|------------------------|----------|
| <b>Records on site</b> | <b>1</b> |
|------------------------|----------|

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 87**

| ID | Location | Name                                                           | Water body ID                  | Overall rating | Chemical rating | Quantitative | Year |
|----|----------|----------------------------------------------------------------|--------------------------------|----------------|-----------------|--------------|------|
| A  | On site  | Aire & Calder Carb Limestone / Millstone Grit / Coal Measures. | <a href="#">GB40402G700400</a> | Poor           | Poor            | Good         | 2015 |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 8 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- Environment Agency river and coastal flooding:
  - High
  - Medium
  - Low
  - Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

### 8.1 Risk of Flooding from Rivers and Sea (RoFRaS)

#### Records within 50m

1

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 90**

| Distance       | RoFRaS flood risk |
|----------------|-------------------|
| <b>On site</b> | <b>Low</b>        |
| 0 - 50m        | Low               |



*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 8.2 Historical Flood Events

Records within 250m

0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 8.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 8.4 Areas Benefiting from Flood Defences

Records within 250m

0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## 8.5 Flood Storage Areas

Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

*This data is sourced from the Environment Agency and Natural Resources Wales.*

## River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

### 8.6 Flood Zone 2

#### Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on **page 90**

| Location | Type                             |
|----------|----------------------------------|
| On site  | Zone 2 - (Fluvial /Tidal Models) |

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 8.7 Flood Zone 3

Records within 50m

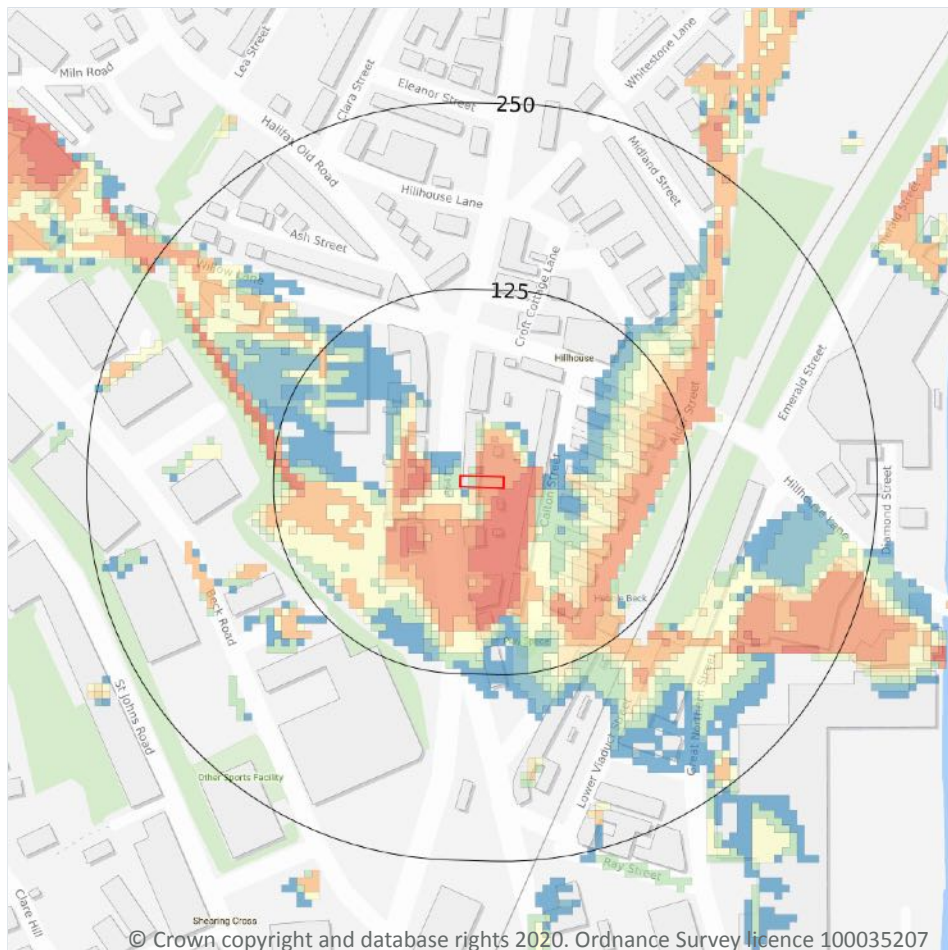
0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

*This data is sourced from the Environment Agency and Natural Resources Wales.*



## 9 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

### 9.1 Surface water flooding

**Highest risk on site**

**1 in 30 year, 0.3m - 1.0m**

**Highest risk within 50m**

**1 in 30 year, Greater than 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 94**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

| Return period  | Maximum modelled depth |
|----------------|------------------------|
| 1 in 1000 year | Greater than 1.0m      |
| 1 in 250 year  | Greater than 1.0m      |
| 1 in 100 year  | Greater than 1.0m      |
| 1 in 30 year   | Between 0.3m and 1.0m  |

*This data is sourced from Ambiantal Risk Analytics.*



## 10 Groundwater flooding



— Site Outline  
Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

### 10.1 Groundwater flooding

**Highest risk on site**

**Low**

**Highest risk within 50m**

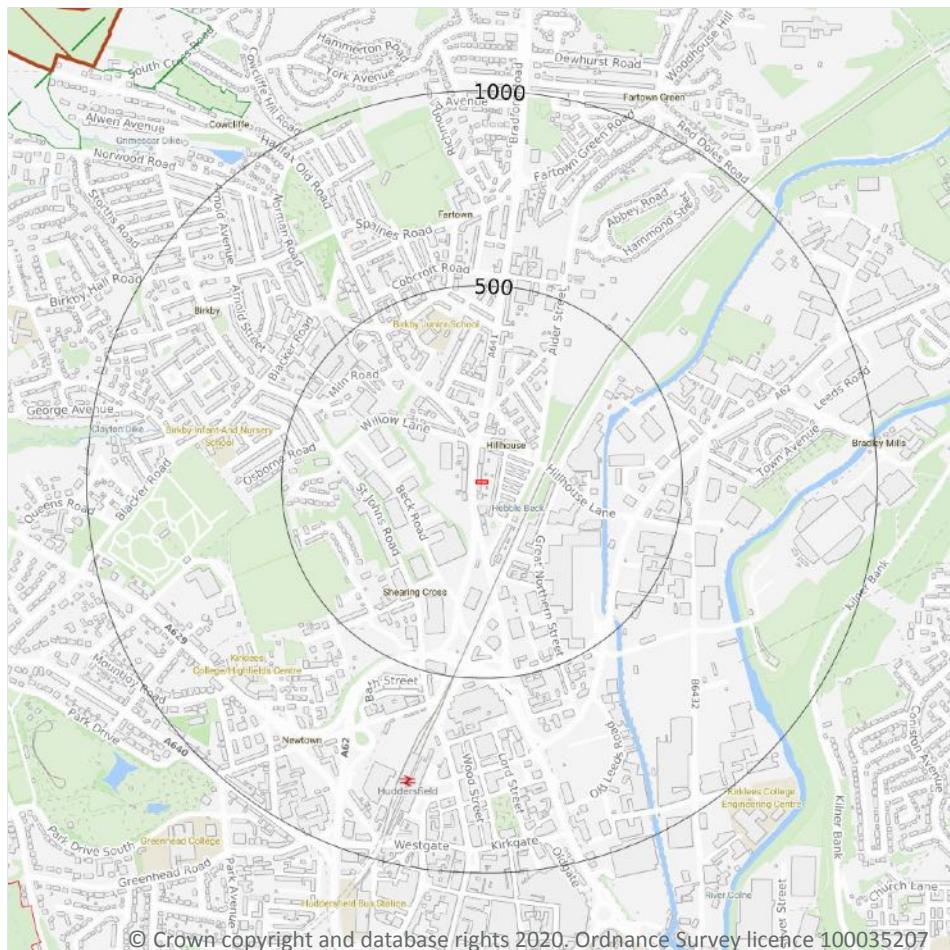
**Low**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 96**

*This data is sourced from Ambiantal Risk Analytics.*

## 11 Environmental designations



- Site Outline
- Search buffers in metres (m)
- + Local Nature Reserves (LNR)
- ▨ Designated Ancient Woodland
- ▨ Green Belt

### 11.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.2 Conserved wetland sites (Ramsar sites)

**Records within 2000m****0**

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.3 Special Areas of Conservation (SAC)

**Records within 2000m****0**

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.4 Special Protection Areas (SPA)

**Records within 2000m****0**

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.5 National Nature Reserves (NNR)

**Records within 2000m****0**

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.6 Local Nature Reserves (LNR)

### Records within 2000m

**1**

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 97**

| ID | Location | Name           | Data source     |
|----|----------|----------------|-----------------|
| 3  | 1558m SW | Gledholt Woods | Natural England |

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.7 Designated Ancient Woodland

### Records within 2000m

**2**

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 97**

| ID | Location | Name           | Woodland Type              |
|----|----------|----------------|----------------------------|
| 2  | 1448m NW | Grimescar Wood | Ancient Replanted Woodland |
| -  | 1670m NW | Grimescar Wood | Ancient Replanted Woodland |

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.8 Biosphere Reserves

### Records within 2000m

**0**

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*



## 11.9 Forest Parks

### Records within 2000m

**0**

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

*This data is sourced from the Forestry Commission.*

## 11.10 Marine Conservation Zones

### Records within 2000m

**0**

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 11.11 Green Belt

### Records within 2000m

**1**

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on **page 97**

| ID | Location | Name                     | Local Authority name |
|----|----------|--------------------------|----------------------|
| 1  | 1110m NW | South and West Yorkshire | Kirklees             |

*This data is sourced from the Ministry of Housing, Communities and Local Government.*

## 11.12 Proposed Ramsar sites

### Records within 2000m

**0**

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

*This data is sourced from Natural England.*

### 11.13 Possible Special Areas of Conservation (pSAC)

**Records within 2000m****0**

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

*This data is sourced from Natural England and Natural Resources Wales.*

### 11.14 Potential Special Protection Areas (pSPA)

**Records within 2000m****0**

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

*This data is sourced from Natural England.*

### 11.15 Nitrate Sensitive Areas

**Records within 2000m****0**

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

*This data is sourced from Natural England.*

### 11.16 Nitrate Vulnerable Zones

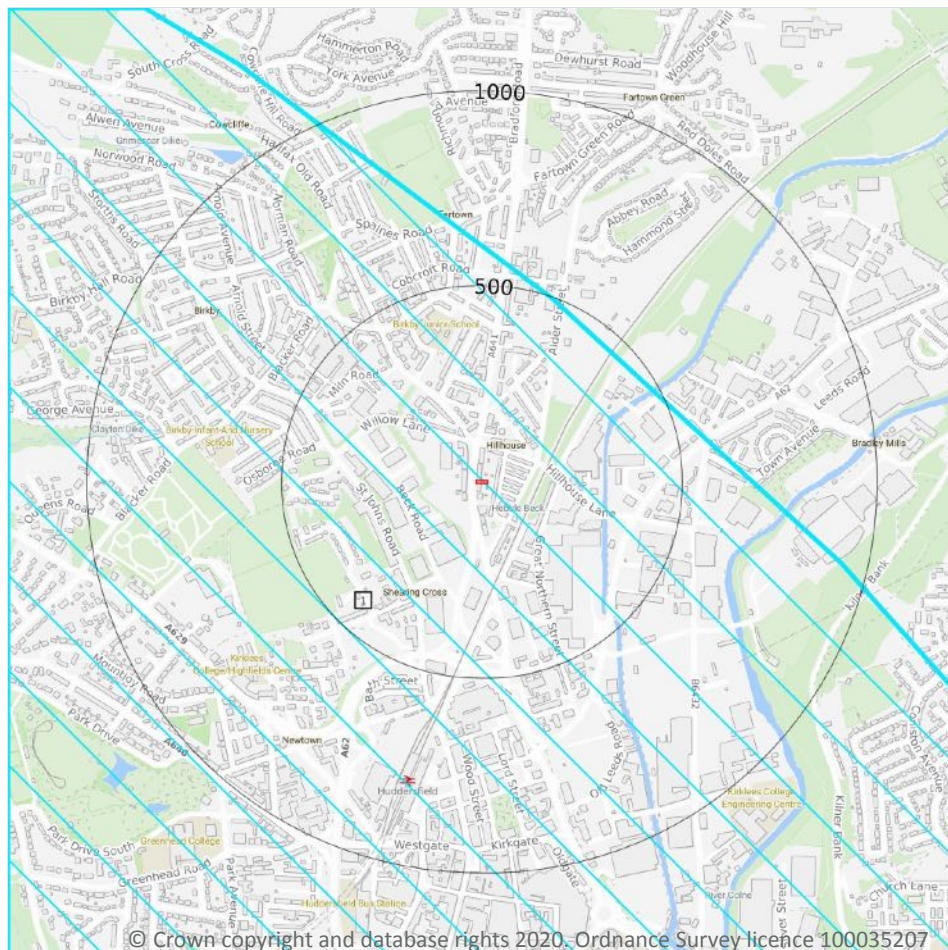
**Records within 2000m****0**

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

*This data is sourced from Natural England and Natural Resources Wales.*



## SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

### 11.17 SSSI Impact Risk Zones

#### Records on site

1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 102**

| ID | Location | Type of developments requiring consultation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | On site  | <p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Oil &amp; gas exploration/extraction.</p> <p>Air pollution - Livestock &amp; poultry units with floorspace &gt; 500m<sup>2</sup>, slurry lagoons &gt; 4000m<sup>2</sup>.</p> <p>Combustion - General combustion processes &gt;50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> |

*This data is sourced from Natural England.*

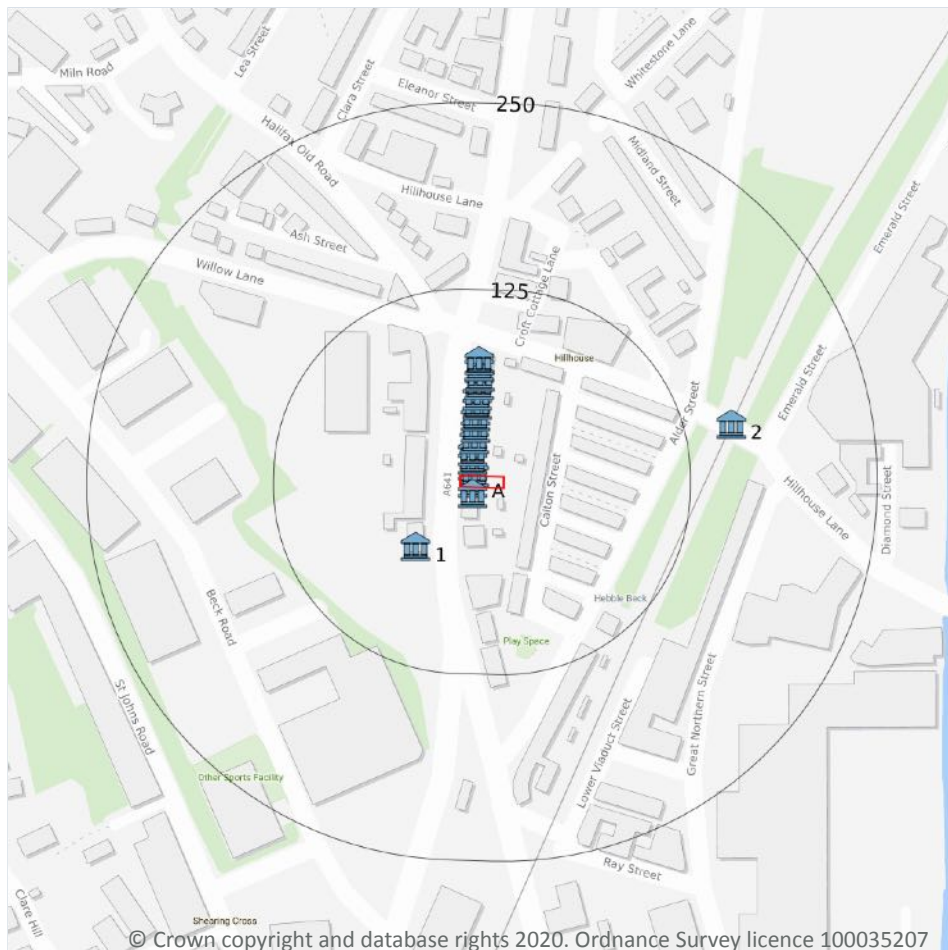
## 11.18 SSSI Units

|                      |   |
|----------------------|---|
| Records within 2000m | 0 |
|----------------------|---|

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

*This data is sourced from Natural England and Natural Resources Wales.*

## 12 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

### 12.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

*This data is sourced from Historic England, Cadw and Historic Environment Scotland.*

## 12.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

*This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.*

## 12.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

*This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.*

## 12.4 Listed Buildings

Records within 250m

16

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 104**

| ID       | Location       | Name                                    | Grade     | Reference Number | Listed date       |
|----------|----------------|-----------------------------------------|-----------|------------------|-------------------|
| <b>A</b> | <b>On site</b> | <b>62, Bradford Road, Kirklees, HD1</b> | <b>II</b> | <b>1134396</b>   | <b>29/09/1978</b> |
| A        | 3m N           | 64, Bradford Road, Kirklees, HD1        | II        | 1290917          | 29/09/1978        |
| A        | 4m S           | 60, Bradford Road, Kirklees, HD1        | II        | 1290950          | 29/09/1978        |
| A        | 11m N          | 66, Bradford Road, Kirklees, HD1        | II        | 1313787          | 29/09/1978        |
| A        | 17m N          | 68, Bradford Road, Kirklees, HD1        | II        | 1134397          | 29/09/1978        |
| A        | 25m N          | 70, Bradford Road, Kirklees, HD1        | II        | 1220552          | 29/09/1978        |



| ID | Location | Name                                                                                       | Grade | Reference Number | Listed date |
|----|----------|--------------------------------------------------------------------------------------------|-------|------------------|-------------|
| A  | 33m N    | 72, Bradford Road, Kirklees, HD1                                                           | II    | 1313788          | 29/09/1978  |
| A  | 40m N    | 74, Bradford Road, Kirklees, HD1                                                           | II    | 1134398          | 29/09/1978  |
| A  | 48m N    | 76, Bradford Road, Kirklees, HD1                                                           | II    | 1220558          | 29/09/1978  |
| 1  | 50m SW   | Hebble House Including Boundary Walls In Front Of House Gate Piers And Gate, Kirklees, HD1 | II    | 1226234          | 15/04/1988  |
| A  | 54m N    | 78, Bradford Road, Kirklees, HD1                                                           | II    | 1134399          | 29/09/1978  |
| A  | 61m N    | 80, Bradford Road, Kirklees, HD1                                                           | II    | 1134356          | 29/09/1978  |
| A  | 67m N    | 82, Bradford Road, Kirklees, HD1                                                           | II    | 1134357          | 29/09/1978  |
| A  | 74m N    | 84, Bradford Road, Kirklees, HD1                                                           | II    | 1134358          | 29/09/1978  |
| A  | 78m N    | 86, Bradford Road, Kirklees, HD1                                                           | II    | 1134359          | 29/09/1978  |
| 2  | 157m E   | Railway Bridge, Kirklees, HD1                                                              | II    | 1432641          | 29/09/1978  |

*This data is sourced from English Heritage, Cadw and Historic Environment Scotland.*

## 12.5 Conservation Areas

### Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

*This data is sourced from English Heritage, Cadw and Historic Environment Scotland.*

## 12.6 Scheduled Ancient Monuments

### Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

*This data is sourced from English Heritage, Cadw and Historic Environment Scotland.*



## 12.7 Registered Parks and Gardens

Records within 250m

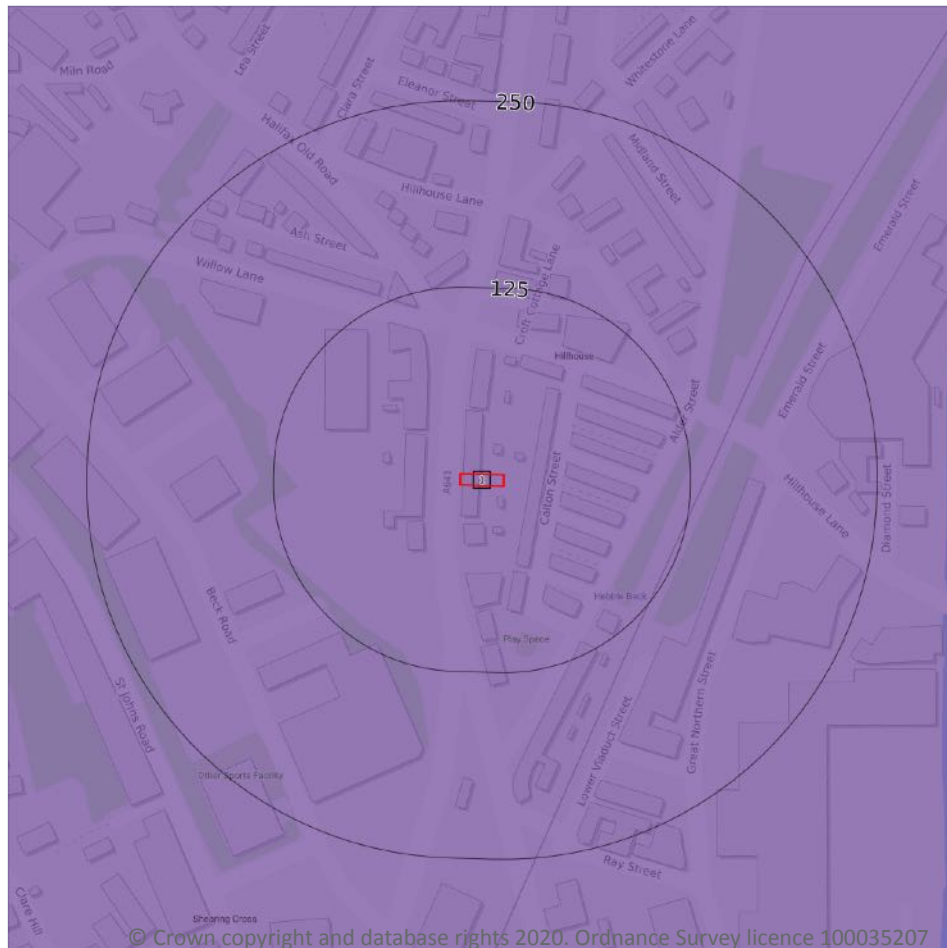
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

*This data is sourced from English Heritage, Cadw and Historic Environment Scotland.*



## 13 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

### 13.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 108**

| ID | Location | Classification | Description |
|----|----------|----------------|-------------|
| 1  | On site  | Urban          | -           |

*This data is sourced from Natural England.*



## 13.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

*This data is sourced from Natural England and Natural Resources Wales.*

## 13.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

*This data is sourced from the Forestry Commission.*

## 13.4 Environmental Stewardship Schemes

Records within 250m

0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

*This data is sourced from Natural England.*

## 13.5 Countryside Stewardship Schemes

Records within 250m

0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

*This data is sourced from Natural England.*

## 14 Habitat designations

### 14.1 Priority Habitat Inventory

Records within 250m

0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

*This data is sourced from Natural England.*

### 14.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

*This data is sourced from Natural England.*

### 14.3 Open Mosaic Habitat

Records within 250m

0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

*This data is sourced from Natural England.*

### 14.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

*This data is sourced from Natural England.*



## Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

## Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.



## APPENDIX C

### SITE PHOTOS



General view of the property



View showing the steps up to front door plate relative to the pavement level



General view along Brdaford Rd



View showing the basement light well with a cast iron grill cover



General view along Bradford Road towards Hebble Beck

END