



PROPOSED INDUSTRIAL DEVELOPMENT

**LOWER WOODHILL ROAD, BURY
BL8 1AA**

**FOR
RILEY & SON (E) LTD**

FEBRUARY 2026

**PHASE 1 GEO-ENVIRONMENTAL DESK
STUDY REPORT**

26003/GEDS/002



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EXECUTIVE SUMMARY		
Section	Subject	Summary
Site Details	Site Address	Lower Woodhill Road, Bury, BL8 1AA
	Grid Reference	SD 379875 411211
	Current Land Use	The site at Lower Woodhill Road, Bury occupies an area of approximately 1.24 hectares and is located within an established urban setting. Review of historical Ordnance Survey and recent aerial imagery (2023) indicates that the site is currently in commercial/industrial use, comprising areas of hardstanding and built development, with associated access routes and infrastructure.
	Proposed Development	At the time of preparation of this report, we have been provided with a proposed site layout plan (3690-13-A, dated November 2025) which shows the construction of a replacement site office, situated off the main industrial warehouse type building. Additionally, the proposed development comprises the demolition of three smaller structures situate in the southwestern corner of the site and replacing them with one standalone industrial building.
Site History	On Site	Historical mapping has shown various changes to the site since the earliest map editions available (1849). From this earliest map edition, the site was occupied by orchard land, associated with Wood Hill House. From 1890, the orchard area is no longer mapped. Several small structures, later labelling as settling tanks, are shown within the southwestern corner of the site. From 1955 onwards, the site had been developed with an industrial yard type area. Between 1974 and 1986, the industrial building situated off site was extended onto site, with the structures within the southwest no longer being mapped. From 2010, the three onsite buildings to the southwest have been built.
	Beyond Site Boundary	Much of the immediate surrounding areas have undergone various changes from the earliest map edition available. From 1849, the surrounding area comprises of open land, with Woodhill Mill (Cotton) situated immediately west from the site. South of the River Irwell, which borders the southern boundary of the site, was Bury Ground (Print Works), comprising various industrial buildings with different uses including a gasometer, smithy, chimneys, dye house and engineer's shop. From 1890, the cotton mill situated west from the site is labelled as Bleach and Dye works. Various additional works/features are mapped including a hat works and various worked ground/refuse tips south of the River Irwell. A large reservoir, associated with Bury Ground, can no longer be seen on the 1974-86 maps, suggesting potential infilling.
Geological and Mining Appraisal	Made Ground	The Groundsure Report indicates that Made Ground is present across the north of the site access road. Made Ground may comprise reworked natural soils, demolition materials and industrial fill associated with previous development and ground re-levelling activities. Further infilled land is shown 65m east, associated with the former reservoir.
	Superficial Geology	Superficial deposits of Alluvium are indicated to be present underlying the east of the site. These deposits typically comprise of soft clay, silt sand and gravel. To the northwest River Terrace deposits are indicated to be present underlying the site. These deposits typically comprise of sand and gravel. These superficial deposits are intergranular and range from very low to very high permeability.
	Bedrock Geology	The site is indicated to be underlain by the Pennine Lower Coal Measures Formation comprising of mudstone, siltstone and sandstone units with interbedded coal seams. The permeability of the bedrock is indicated to be low to moderate with a fracture flow type.
	Radon	Basic radon gas protection measures are required.
	Mining	The site is underlain by Pennine Lower Coal Measures Formation. Historical coal mining is recorded within the wider area. Two disused mine shafts are within the site boundary.
	Subsidence Hazards	The risk from dissolution of soluble rocks is negligible. The risk from compressible deposits/strata is negligible to moderate. The risk from running sands is low. The risk from shrinking/swelling clays, landslides and collapsible deposits/strata is very low.

Environmental Appraisal	Landfill Sites	No active landfill sites are recorded within the site boundary. Historic landfill or waste-related activities are identified within the wider area.
	Hydrogeology	Superficial: Secondary 'A' aquifer Bedrock: Secondary 'A' aquifer
	Hydrology	The Ordnance Survey indicate there are nineteen (19 No.) records of rivers, streams, lakes and canals within 250m of the site boundary, including no recordings on site. The nearest off-site record relates to the inland river located 3m west of the site boundary Likely relating to the Woodhill Brook. The remaining records all relate to inland rivers, lakes, lochs and reservoirs.
	Flood Risk	The Water Framework Directive indicate the site is within the catchment of the River Irwell. The River Irwell is located 1m east of the site. Flooding data is maintained by the Environment Agency. The Risk of Flooding from Rivers and Sea (RoFRaS) database indicates that there is high risk of flooding on site. A historical flood event occurred on site in 2020, with the River Irwell exceeding its channel capacity. The Environment Agency and Natural Resource Wales have indicated that there are no flood defences, no areas benefitting from flood defences and no flood storage areas within 250m of the site boundary. The site is a Flood Zone 3 area, and there is a Flood Zone 2 area to the northwest of the site According to Ambient Risk Analytics surface water "FloodMap" there is 1 in 30 year, Greater than 1.0m risk of flooding on site and within 50m of the site. 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. Ambient Risk Analytics indicated a negligible to low risk of groundwater flooding on site and moderate within 50m of the site boundary. Development proposals should be supported by a site-specific Flood Risk Assessment and appropriate flood mitigation measures.
	Industrial Land Uses	The Groundsure report has identified fifty-seven (57 No.) records of potentially contaminative past land uses within 250m of the site. Of these records, seven (7 No.) are located on site and relate to unspecified commercial/industrial sites, unspecified tanks, unspecified works and a refuse heap. The remaining records relate to several historical bleach works, factories, hat works, print works, chemical works, mills, canals, pump houses, iron works, railway sidings and refuse heaps within the larger area. The Groundsure report has identified twenty-one (21 No.) records of historical tanks within 250m of the site boundary. Two (2 No.) of these records situate on site, relating to 'tanks' and 'settling tanks', as previously identified within the historical map appraisal.
Recommendations	The Conceptual Ground Model indicates that an intrusive ground investigation is required to assess the ground conditions for contamination. This is due to historical and present industrial land use which is within the site. As a result, Made Ground is expected to be present and risk of contamination likely. In addition, due to the sites and surrounding areas history the ground investigation should also extend to a ground gas monitoring programme for a minimum three-month monitoring period to allow for an assessment to be made.	

This executive summary is a brief summary only and should be read in conjunction with the full report.

PHASE 1 GEO-ENVIRONMENTAL DESK STUDY REPORT

LOWER WOODHILL ROAD, BURY

1.0 **INTRODUCTION**

1.1 **Instructions**

- 1.1.1 We are instructed by Riley & Son (E) Ltd, Unit 3 Irwell Works, Lower Woodhill Road, Bury, BL8 1AR, to carry out a detailed Phase I desk study at Lower Woodhill Road, Bury, BL8 1AA to examine the geotechnical and geoenvironmental risks associated within the proposed industrial development.

1.2 **Objectives**

- 1.2.1 This environmental assessment has been carried out in accordance with the principal recommendations of BS10175:2011+A1:2017 "Investigation of Potentially Contaminated Sites" with regard to the consideration of potential soil and groundwater contamination along with the generation and migration of toxic and explosive ground gases. It is intended that the report will be submitted to the local planning authority as a preliminary risk assessment in support of a planning application. This report has been prepared to document the following:-

- Review of readily available published data which could provide information on the current status, ground conditions and site history;
- Findings of a preliminary contaminated land risk assessment;
- Findings of a preliminary geo-technical risk assessment;

1.3 **Sources Of Information**

- 1.3.1 This report has been prepared using information from the following sources:-

- Groundsure Enviro+Geo Insight report dated 19th January 2026.
- Groundsure historic Ordnance Survey maps.
- Environment Agency information.
- Walkover survey of the site conducted 16th January 2026

1.4 **Development Proposals**

- 1.4.1 At the time of preparation of this report we have been provided with a proposed site layout plan (3690-13-A, dated November 2025) which shows the construction of an extension to the site office, situated off the main industrial warehouse type building. Additionally, the proposed development comprises the demolition of three smaller structures situate in the southwestern corner of the site and replacing them with one standalone industrial building. The proposed site plan also shows the relocation of site car parking onto existing hardstanding along the main entrance road into the site. It has been confirmed that the relocation of the car parking spaces does not involve any ground works or resurfacing.

- 1.4.2 It is acknowledged that the development proposals for this site are likely to be amended as a result of local planning requirements. It is however anticipated that the current proposals will be representative of the final development approval.

However, if the final development proposals are radically different from the current proposals, then recommendations made within this report may need to be reviewed.

1.5 Limitations of Report

- 1.5.1 This report is a desk study report which has been prepared using readily available information in accordance with the project stage requirements, budget and timescales. The opinions expressed in this report and the comments and recommendations given are based upon the information obtained from the desk assessment and an initial site reconnaissance. At this stage intrusive investigations have yet to be undertaken at site to establish actual ground and groundwater conditions and provide data for assessment of the environmental status of the site.
- 1.5.2 The information, views and conclusions drawn concerning the site are based in part on information supplied to Robert E Fry & Associates Ltd (REFA) by other parties. REFA has proceeded in good faith on the assumption that this information is accurate. REFA accepts no liability for any inaccurate conclusions, assumptions or actions taken resulting from any inaccurate information supplied to REFA from others.
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2.0 THE SITE

2.1 Location

- 2.1.1 The site is roughly irregular in shape and is located approximately 0.63km north west of Bury town centre. The site extends to an area of approximately 1.24 hectares, and the centre of the site is situated at National Grid Reference SD 379875, 411211. The location of the site is shown in figure 1 below.

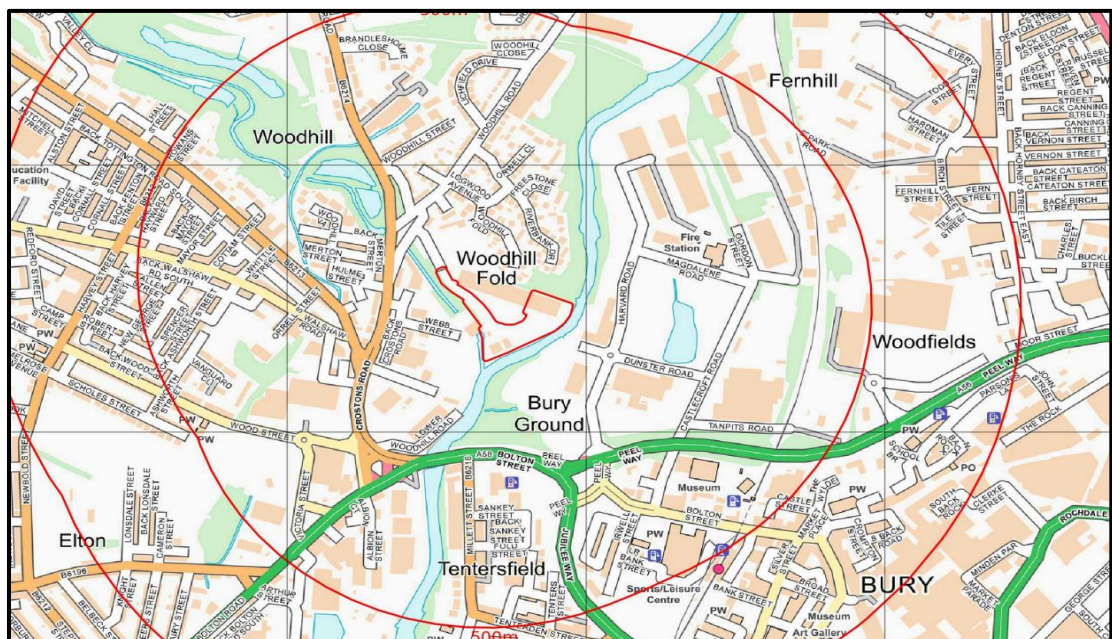


Figure 1 Site Location

2.2 Site Walkover

- 2.2.1 We have undertaken an initial walkover survey of the site to identify any areas which may impact upon the proposed site redevelopment works. These features are identified upon the walkover survey plan and photo location plan which are appended to this report for reference (Drawing: 26003/01).
- 2.2.2 The site walkover was conducted on the 16th January 2026 and at the time of the survey the weather conditions were dry and overcast. The site can be accessed off Lower Woodhill Road which is situated adjacent to the northwestern boundary. The site comprised predominantly hardstanding and developed land, with areas of built structures, surfaced access routes and associated infrastructure consistent with ongoing or recent commercial/industrial use. Limited areas of vegetation were observed beyond the planning application boundary area. Propane tanks, unspecified above ground storage tanks (ASTs), vehicles and train parts were present across the site. A small structure housing the gas main inlet to the site, which contained an asbestos warning, likely comprising asbestos containing lagging. No olfactory contamination was identified within the walkover survey. A slight hydrocarbon sheen was observed on standing water that was situated around a drain in the eastern area of the site. The drain itself had a silt guard above it.

2.3 Boundaries

- 2.3.1 Some of the site boundaries are marked by metal fences with barbed wire which separates the site from the neighbouring residential properties to the north and to the east and west are industrial developments. The southern and most of the western edges are defined by the River Irwell and the Woodhill brook, respectively.

2.4 Access

- 2.4.1 The site can be accessed via Lower Woodhill Road which is situated adjacent to the northwestern boundary, and it is presumed the proposed access will remain in a similar configuration in agreement with the local authority.

2.5 Topography

- 2.5.1 The site is situated on generally level ground within an industrial setting. Based on desk study information and walkover observations, the site is predominantly flat, with only minor localised variations in level associated with hardstanding, access routes and existing structures. No significant embankments, cuttings or steep gradients were observed within the site boundary. The access road has a slight gradient, rising to the northwest.

2.6 Trees

- 2.6.1 Mature trees were observed outside the site boundaries during the site walkover. Limited vegetation was observed within the site boundary. The site is predominantly hardstanding and developed, with no significant mature trees identified on site. Vegetation is largely restricted to minor unmanaged growth and scrub located outside of the planning application area.

3.0 **DESK STUDY**

3.1 **Historical Appraisal**

3.1.1 The past history of the site has been interpreted from the study of old Ordnance Survey plans supplied by Groundsure, as follows:

Table 1 – Historical Appraisal		
Date	Site	Adjoining Land
1849	The earliest map edition available shows the site to comprise predominantly of an orchard, with various pathways through the southern parcel. A culvert is noted running from Woodhill Mill to the River Irwell, trending northwest-southeast, situated on the western part of the site. Two small structures are present within the northern and Mideastern parts of the site, however their usage is unknown.	Much of the immediate surrounding area is largely undeveloped to the north. Woodhill Mill (cotton) is situated immediately west from the site. The southern boundary of the site is adjacent to the River Irwell. South of the River Irwell are various industrial structures, labelled as Bury Ground (Print Works). The various structures within this area include a gasometer, smithy, chimneys, dye house and engineers Shop. A weir is situated in this area running into the River Irwell, indicated water runoff from the Print Works into the River Irwell.
1850-51	The smaller scale map shows the site to be an orchard area associated with Woodhill House.	Further detail of the surrounding area is shown on the smaller scale map, including a reservoir situated 50m east from the site and Fern Hill Colliery 520m northeast.
1890	Limited map information is available from this date range on the 1:2,500 mapping, however it can be seen that the orchard is no longer present across the site. A small structure has been built along the southern boundary of the site.	Various additional industrial sites have been developed, including a chemical works 30m northeast, a hat works 40m east and further expansion of the bleach and dye works situated immediately west.
1908-10	Several structures, labelled as tanks, are now situated within the southwestern corner of the site.	A small area of refuse tip is shown 45m southeast from the site boundary, within the industrial area formerly occupied by the hat works and print works.
1927-30	A bowling green has now been established within the northern part of the site, with a small structure (pavilion) built with it. The tanks on site are labelled as settling tanks.	Various settling tanks can be seen 80m south from the site. The main building within this area is now labelled as 'Cotton Waste Bleach Works'.
1937-39	No significant changes have been made to the site.	No significant change.
1955-1959	Site developed with industrial yard areas comprising of several tracks/roads The structures/settling tanks in the southwestern corner of the site are still present. Two cranes are situated along the eastern edge of the access road into the site. A bridge has been constructed over the Woodhill Brook, connecting the site to Woodhill Road to the west of the site.	A large 'Works' industrial type building has been established immediately north of the site, associated with the tracks now found on site. The Woodhill Mill Bleach and Dye Works (immediately west) is now labelled as disused. Various excavations are shown to the north of the industrial building, and within Bury Ground (southeast).
1958-69	No significant change.	No significant change.
1974-1986	The industrial building to the north has been extended further east onto site. The remainder of the site has now one main access track. The settling tank structures situated in the southeast of the site are no longer mapped.	An electricity substation has been developed 15-20m northeast of the northern part of the site. Reservoir situated east from the site no longer fully mapped and has potentially been infilled.

1987-1990	No significant change.	Residential development established 140m north of the site.
1992	No significant change.	A tank is now situated 10m north of the site, associated with the industrial building. A further electricity substation has also been developed for the industrial building, situated immediately east of the site boundary. Further residential development (Woodhill Fold) has taken place to the north of the site.
2001-03	No significant changes.	No significant changes.
2010	Three structures have now been built within the southwestern corner of the site, resembling its current day state.	Most of the industrial type buildings associated with Bury ground are no longer mapped.
2015	No significant changes.	No significant changes.
2025	No significant changes.	No significant changes.

- 3.1.2 A review of Aerial photographs from 2000 to present, show limited change to the site. Two structures were situated on the southern boundary of the site on the January 2022 aerial imagery adjacent to the current structures within the southwestern corner (likely associated with hay bale storage as seen on Bury Planning portal) but were no longer mapped from June 2023 onwards.

3.2 Geology

- 3.2.1 The Groundsure Report indicates that Made Ground is present across the north of the site access road. Made Ground may comprise reworked natural soils, demolition materials and industrial fill associated with previous development and ground re-leveling activities. Further infilled land is shown 65m east, associated with the former reservoir.
- 3.2.2 Superficial deposits of Alluvium are indicated to be present underlying the east of the site. These deposits typically comprise of soft clay, silt sand and gravel. To the northwest River Terrace deposits are indicated to be present underlying the site. These deposits typically comprise of sand and gravel. These superficial deposits are intergranular and range from very low to very high permeability.
- 3.2.3 The site is indicated to be underlain by the Pennine Lower Coal Measures Formation comprising of Mudstone, siltstone and sandstone units with interbedded coal seams. The permeability of the bedrock is indicated to be low to moderate with a fracture flow type.
- 3.2.4 Review of the 1:50,000 scale geological map shows the outcrop of the Arley coal seam 7m to the northeast from the site, dipping southwest beneath the site. On the Mining Remediation Authority (MRA) online viewer the area of development high risk situations across the northern section of the site, where the proposed new extension to the current main building is. Furthermore, two mine entries can be seen on the entry road area of the site.
- 3.2.5 In addition, within 500m of the site, bedrock faults and other linear features have been recorded. The nearest record (31m northeast) relates to a fault which trends northwest to southeast to the northeast of the site, with an unknown displacement.
- 3.2.6 The site is in an area likely to be affected by radon gas. It is between 3%-5%, meaning the surrounding properties are above the Radon Action Level. The Groundsure Report has indicated **basic** Radon Gas protection measures are required for this site.

3.3 Mining & Ground Stability

- 3.3.1 The risk from dissolution of soluble rocks is negligible. The risk from compressible deposits/strata is negligible to moderate. The risk from running sands is low. The risk from shrinking/swelling clays, landslides and collapsible deposits/strata is very low.
- 3.3.2 BritPits (British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Within 250m of the site boundary, there is no record of a BritPit.
- 3.3.3 The British Geological Survey maintain records of non-coal mining commodities, including vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert). The British Geological Survey indicate that there is no potential for non-coal mining beneath the site. The potential for difficult ground conditions is unlikely and localised and are at a level where they need not be considered.
- 3.3.4 The Mining Remediation Authority (MRA) indicate the site is within a coal mining development high risk area. Furthermore, two mine entries can be seen on site on the MRA online viewer. As such, it is recommended that a full coal mining risk assessment (CMRA) is undertaken to assess the risk from ground instability caused by potential shallow coal mine workings beneath the site.

3.4 Ground Workings

- 3.4.1 The Groundsure report indicates seventy-three (73 No.) of surface ground workings within 250m on site. Two (2 No.) of these features are present on site, recorded as refuse haps from 1974 and 1980 historic OS mapping. Further features relate to more refuse heaps, ponds, disused canal and reservoirs.
- 3.4.2 The Ordnance Survey maintain records of historical land uses that indicate the presence of underground workings e.g. mine shafts, tunnels and adits. Within 1000m, there is one (1 No.) record of underground work, the nearest located 662m southwest relating to a tunnel.

3.5 Railways & Tunnels

- 3.5.1 The Groundsure report indicates ten (10 No.) records of railway features within 250m of the site, the nearest situated 99m southwest, recorded as a tunnel. Furthermore, an abandoned railway is situated 21m southeast from the site.

3.6 Historical Industrial Sites

- 3.6.1 The Groundsure report has identified fifty-seven (57 No.) records of potentially contaminative past land uses within 250m of the site. Of these records, seven (7 No.) are located on site and relate to unspecified commercial/industrial sites, unspecified tanks, unspecified works and a refuse heap. The remaining records relate to several historical bleach works, factories, hat works, print works, chemical works, mills, canals, pump houses, iron works, railway sidings and refuse heaps within the larger area.
- 3.6.2 The Groundsure report has identified twenty-one (21 No.) records of historical tanks within 250m of the site boundary. Two (2 No.) of these records situate on site, relating to 'tanks' and 'settling tanks', as previously identified within the historical map appraisal.

3.7 Landfill Sites

- 3.7.1 According to the Environment Agency and Natural Resources Wales there are no active or recently closed landfill sites within 250 metres of the site boundary.
- 3.7.2 The British Geological Survey undertook a survey for the Department of the Environment (DoE) of operational and closed landfill sites in 1973. The survey indicated that there is no landfill site located on site which means no risk to the underlying aquifer.
- 3.7.3 Local Authority records and detailed Ordnance Surveys have no record of a landfill site within 250m of the site.
- 3.7.4 The Environment Agency and Natural Resources Wales have six (6 No.) records of known historical (closed) landfill sites, where there is no PPC permit or current waste management licence, within 250 metres of the site boundary, including one record on site relating to a waste type of environmental permitting and was first recorded in 1968. No date is given for the surrender of the license. The nearest off-site record is located 63m east of the site relating to inert waste. No dates are given for the issue or surrender of this license.
- 3.7.5 Local Authority records in conjunction with detailed Ordnance Surveys, indicate no waste sites within 250 metres of the site.
- 3.7.6 According to the Environment Agency and Natural Resources Wales there are no active or recently closed waste sites within 250 metres of the site boundary.
- 3.7.7 The Environment Agency and Natural Resource Wales maintain records where activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Within 250m there are eleven (11 No.) records of storage, treatment, use or disposal of waste that are exempt from needing a permit. These records relate to the storage and treatment on a site 19m to the west and use of waste in construction 38m to the southeast, screening and blending of waste 64m to the southeast etc. It is considered that these processes will not impact the site as the records are site specific and have not occurred on site.

3.8 Current Land Use

- 3.8.1 The Groundsure report indicates there are thirty-two (32 No.) records of current potentially contaminative land uses. The closest record relates to unspecified works on site and 33m west of the site. A vehicle repair site is situated 43m southwest of the site boundary, respectively.
- 3.8.2 National Grid data indicates that there are currently no high voltage underground electricity transmission cables and no high-pressure underground gas transmission pipelines within 500 metres of the site boundary.
- 3.8.3 Nine (9 No.) records of pollution incidents are recorded within 250m of the site, with three having occurred on site. These three records relate to inert materials including construction waste and soils and clay. Either no impact (air and water) or minor impact (land) have been attributed to these incidents.

3.9 Hydrogeology & Hydrology

- 3.9.1 The superficial deposits underlying the site have been classified as a Secondary 'A' aquifer, having permeable layers capable of supporting water supplies at a local rather than strategic scale.
- 3.9.2 The bedrock is indicated to be a Secondary 'A' Aquifer. Secondary 'A' Aquifers are formed where permeable layers are 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.
- 3.9.3 The vulnerability of groundwater to a pollutant found across the site and its immediate surrounding area has been assessed as 'low' from the Secondary 'A' Aquifer within the Bedrock geology, indicating areas that provide the greatest protection from pollution, and as 'Medium' within the Superficial Secondary 'A' Aquifer.
- 3.9.4 According to data provided by the Environment Agency and Natural Resources Wales there are seven (7 No.) records of groundwater abstraction licences, the nearest being a historical license 1024m northwest of the site. There are twenty-one (21 No.) records of surface water abstraction licences and no records of potable water abstraction licences within 2000 metres of the site boundary.
- 3.9.5 There are no Source Protection Zone within 500 metres of the site of boundary.
- 3.9.6 The Ordnance Survey indicate there are nineteen (19 No.) records of rivers, streams, lakes and canals within 250m of the site boundary, including no recordings on site. The nearest off site record relates to the inland river located 3m west of the site boundary Likely relating to the Woodhill/Kirklees Brook. The remaining records all relate to inland rivers, lakes, lochs and reservoirs.

3.10 Flooding

- 3.10.1 The Water Framework Directive indicate the site is within the catchment of the River Irwell. The River Irwell is located 1m east of the site.
- 3.10.2 The Water Framework Directive also indicates that the site is located within the catchment of the Northern Manchester Carboniferous Aquifers groundwater body.
- 3.10.3 Flooding data is maintained by the Environment Agency. The Risk of Flooding from Rivers and Sea (RoFRaS) database indicates that there is high risk of flooding on site.
- 3.10.4 A historical flood event occurred on site in 2020, with the River Irwell exceeding its channel capacity.
- 3.10.5 The Environment Agency and Natural Resource Wales have indicated that there are no flood defences, no areas benefitting from flood defences and no flood storage areas within 250m of the site boundary. The site is a Flood Zone 3 area, and there is a Flood Zone 2 area to the northwest of the site.
- 3.10.6 According to Ambient Risk Analytics surface water "FloodMap" there is 1 in 30 year, Greater than 1.0m risk of flooding on site and within 50m of the site.

3.10.7 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. Ambiantal Risk Analytics indicated a negligible to low risk of groundwater flooding on site and moderate within 50m of the site boundary.

3.11 Environmentally Sensitive Sites

3.11.1 Natural England indicate that there are environmental sensitive sites within 2000 metres of the site boundary. There are two (2 No.) areas of Green Belt land located 103m northwest and 1153m west and are denoted as Merseyside and Greater Manchester Green Belt. There are five (5 No.) local nature reserves including Kirklees Valley 1322m northwest and Chesham Woods 1478m northeast. The site is also indicated to be within a SSSI Impact Risk Zone.

3.12 Agricultural Designations

3.12.1 Natural England indicate that the Agricultural Land (quality) Classification for the site designate as Urban and has therefore not been assigned a quality.

4.0 REVIEW OF GEO-ENVIRONMENTAL RISK

4.1 Introduction

4.1.1 This element of the report is aimed at identifying possible risks, if any, arising from substances used or deposited on site or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered.

4.1.2 The risk assessment utilises a source-pathway-receptor methodology for assessing whether a source of contamination could potentially lead to harmful consequences. This requires that there be a pollutant linkage from source to receptor for harm to be caused. The source-pathway-receptor methodology relationship allows an assessment of the environmental risk to be determined based upon the nature of the source, the degree of exposure of the receptor of the source and the sensitivity of the receptor.

Table 2: Statutory Receptors & Pathways	
Target (Receptor)	Potential Source – Pathway Linkage
Site Users / Residents	Inhalation of soil gas, odours or dust. Ingestion of, and skin contact with, contaminated soil. Ingestion of contaminants in vegetables etc. or in soils adhering to vegetable etc.
Construction / Maintenance Workers	Inhalation of soil gas, odours or dust. Ingestion of, and skin contact with contaminated soil.
Plants	Adverse effects on growth caused by presence of contaminants in soil.
Buildings & Structures	Flow of ground gas into buildings. Asphyxiation, toxicity, explosion & fire hazards. Sulphate attack of foundations. Hydrocarbons penetration plastic water supply pipes.
Groundwater	Migration of soluble contaminants into groundwater on/off site. Migration of oils into groundwater on/off site.
Surface water	Migration of soluble contaminants and/or direct run off of contaminants. Migration of oils into groundwater on/off site.

- 4.1.3 A conceptual model of plausible pollutant linkages has been formulated for the site in accordance with the risk assessment approach applied to contaminated land assessment.

4.2 Potential Sources of Contamination

- 4.2.1 Potential sources of contamination could be limited to the following:-

- Made Ground is indicated to be present on site as recorded within the Groundsure report. Elevated concentrations of contaminants such as metals, polycyclic aromatic hydrocarbons, petroleum hydrocarbons, ash, and construction debris are associated with the Made Ground.
- Ground gas migration from the Made Ground and infilled land (65m east, reservoir) which is expected to be present within the site associated with the ground workings recorded within the historical appraisal.
- Potential asbestos fibres within made ground material.
- The surrounding areas has been used for industrial purposes since at least the mid-19th century, including operation as a Bleach and Dye Works, hat works and various other industrial sites. Such uses are historically associated with the handling and storage of chemicals including dyes, bleaching agents, solvents and acids, which may have resulted in contamination of soils and Made Ground. Hat works are specifically high risk from mercury pollution, due to historical practices. Furthermore, gasometers are widely known for causing PAH, cyanide and VOC/sVOC contamination.
- The presence of tanks on site during the late 20th century, which may have been used for fuel, oils or chemical storage. Leakage or spillages associated with tanks represent a potential source of hydrocarbon and chemical contamination.
- Mining-related contamination sources may include metals, hydrocarbons and sulphates, particularly where Made Ground or reworked materials are present.

4.3 Omitted Sources of Contamination

- 4.3.1 Sources of contamination identified through the desk study that can be reasonably omitted from further risk assessment include:

- An electricity substation is recorded adjacent to the site during the 1980s. Older substations are historically associated with transformer oils, which may have contained polychlorinated biphenyls (PCBs). PCB compounds are highly immobile within soil and therefore do not present a widespread contamination issue. As this feature does not situate on site, it is therefore not considered a significant source of contamination on site.

4.4 Pathway for Migration

- 4.4.1 It is recognised that the migration pathways could change during the development of the site. These pathways are summarised below:-

- Migration of contamination (if present) via the un/saturated zones;
- Migration of contamination (if present) via buried services and foundations;
- Migration of contamination (if present) via groundwater flow;
- Run-off from adjacent site areas;
- Migration of ground gas via soil pores;
- Direct contact with contaminated materials.

- 4.4.2 This list recognises that it is plausible that there are pathways associated with the presence of both on site and off site contamination. The above list recognises that the new development may not affect certain migration pathways such as migration in the saturated zone from an offsite source but could create new pathways such as the presence of services and foundations.
- 4.4.3 It is anticipated that, if a potential risk is identified, it can be reduced to an acceptable level by using a combination of mitigation measures during construction and in the building design. Site workers may be exposed to bare ground and existing building fabrics when clearing and redeveloping this site. Precautions should be taken to reduce the risks associated with these pathways including the adoption of personnel protective equipment (PPE), being rigorous in matters of personnel hygiene and adopting safe practices for workers entering enclosed underground cavities. Environmental management practices should be implemented to prevent potential impact associated with dust generation and dispersion and surface water run-off for example.

4.5 Potential Receptors

- 4.5.1 The principal receptors are considered to be as follows:-

- Humans – future site users;
- Humans – construction and maintenance workers;
- Controlled waters;
- Building structures and services.

4.6 Assessment of Plausible Pollutant Linkages

- 4.6.1 The overall risk associated with future site users is considered to be low.
- 4.6.2 Potentially significant contamination is expected within the site associated with the historic industrial activity and Made Ground within the site. The nature of the materials present could have the potential to cause harm. On the basis of the current assessment and recommendations the overall risk to site workers is considered to be moderate. Following a detailed Phase II Site Investigation, this may be lowered following an assessment of the Made Ground present.
- 4.6.3 The site is underlain by Made Ground with Alluvium and River Terrace superficial deposits which are indicated to be a Secondary 'A' Aquifers, which are in turn underlain by bedrock deposits of the Pennine Lower Coal Measures Formation which is indicated to be a Secondary 'A' Aquifer. The overall risk associated with the water environment is considered to be moderate. Groundwater sampling should be undertaken should visual or olfactory contamination be identified within the water. This risk should be updated following a Phase II site investigation.
- 4.6.4 Substances that may be involved in chemical attack upon building materials, structures and services may be present in the ground and there is the potential for ground gas to migrate through permeable deposits and accumulate in enclosed spaces. Currently the overall risk associated with this category of hazard is considered to be moderate. The building's design and the materials used in its construction should be compliant with the prevailing ground conditions in order to mitigate potential harm from chemical attack where identified.

4.6.5 A review of the previous information has allowed a preliminary conceptual site model to be provided below. The conceptual site model is now shown in Table 4 below. This report adopts the methodology for risk evaluation presented in CIRIA report C552 'Contaminated Land Risk Assessment – A Guide to Good Practice', 2001. The method is qualitative and involves the classification of the following:

- The magnitude of the potential severity or consequence of the risk occurring;
- The magnitude of the likelihood or probability of the risk occurring.

4.6.6 Once the likelihood of an event occurring and its severity have been classified, a risk category can be assigned using Table 3 below.

Table 3: Comparison of Consequence against Probability					
Consequence / Risk					
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High	High	Moderate	Moderate/Low
	Likely	High	Moderate	Moderate/Low	Low
	Low Likelihood	Moderate	Moderate/Low	Low	Very Low
	Unlikely	Moderate/Low	Low	Very Low	Very Low

4.6.7 Careful assessment of all currently available information has enabled a preliminary conceptual model to be prepared, and this is detailed in table 4.

Table 4 Preliminary Conceptual Model						
Potential Source	Potential Pathway	Potential Receptor	Probability	Consequence	Risk	Mitigation / Investigation
Contaminated Soils from various industrial practices on site and off site	Direct contact of soils	Site personnel during construction	Li	Md	Moderate	Ground investigation required. Soil sampling during intrusive investigations for laboratory analysis, targeting the areas of Made Ground and historical industrial use.
	Inhalation or ingestion of soil / dust					
	Direct contact of soils	Future site users	UI	Md	Low	
	Inhalation or ingestion of soil / dust					
	Leaching of contaminants through drainage system	Surface water in the vicinity of the site	Lw	Md	Moderate /Low	
	Leaching of contaminants to ground water	Groundwater in aquifer	Lw	Md	Moderate /Low	
	Vapour migration from soils	Future site users	Lw	Md	Moderate /Low	

Table 4 Preliminary Conceptual Model

Potential Source	Potential Pathway	Potential Receptor	Probability	Consequence	Risk	Mitigation / Investigation
	Direct contact with contaminated soils	Proposed buildings and services	Li	Md	Moderate	
	Direct contact	Plants in gardens and soft landscaping	UL	Mi	Very Low	
Contaminated groundwater	Water entering excavations	Site personnel during construction	Li	Mi	Moderate/ Low	Sampling of groundwater should visual or olfactory contamination be observed.
	Retained surface water	Future site Users	Lw	Mi	Low	
Toxic and explosive gasses	Ground gas migration into buildings	Proposed buildings and occupiers	Li	Md	Moderate	Various sources of made ground and infilled ground have been identified as part of this desk study. Furthermore, mine gas from potential shallow coal mine workings may affect the site, but this must be concluded following a CMRA and mine gas risk assessment. Programme of ground gas monitoring required due to the sites previous use as an industrial site.
Radon Gas	Ground gas migration into buildings	Proposed buildings and occupiers	Li	Md	Moderate	Groundsure has indicated basic Radon gas protection measures are required for this site.

Key: Sv = Severe, Md = Medium, Mi = Mild, Mr = Minor Hi = High, Li = Likely, Lw = Low Likelihood, UL = Unlikely

- 4.6.8 The Conceptual Ground Model indicates that an intrusive ground investigation is required to assess the ground conditions for contamination. This is due to recent industrial land uses, pollution incidents and general past site usage. As a result, Made Ground is expected to be present and risk of contamination likely. In addition, due to the sites history the ground investigation should also extend to a ground gas monitoring programme for a minimum three-month monitoring period to allow for an assessment to be made.

5.0 **PRELIMINARY GEOTECHNICAL ASSESSMENT**

5.1 **Details of The Site**

5.1.1 The site comprises previously developed land within an established industrial area. At the time of assessment, the site is predominantly formed of hardstanding and surfaced areas, together with industrial/commercial buildings and associated access routes and infrastructure. No significant olfactory contamination was identified within the walkover survey. The site can be accessed off Lower Woodhill Road which is situated adjacent to the northwestern boundary.

5.1.2 It is likely that the development of the site will require the following stages:-

- Provision of foundations typically extending to depths of some 0.9m below ground level or deeper if soft/loose made ground and alluvium identified;
- Construction of drainage;
- Construction of industrial property;
- Preparation of hard standing areas.

5.2 **Geotechnical Hazards & Foundation Considerations**

5.2.1 Based upon the information available to this desk study the anticipated ground conditions present within this site are outlined in table 5.

Table 5: Anticipated Ground Conditions	
Ground Material	Anticipated Condition
Made Ground	Concrete to a depth of 250-300mm from ground level. Limited Soft landscaping present of the site.
Made Ground	Made Ground is considered likely across the majority of the site. Thickness and composition are expected to be highly variable.
Superficial alluvium Deposits	Superficial deposits of Alluvium and River Terrace are indicated to be present across the site. These deposits typically comprise of poorly sorted gravelly sandy silty clay.
Bedrock	Underlying the superficial deposits is anticipated to comprise the Pennine Lower Coal Measures strata, typically interbedded mudstone, siltstone and sandstone with coal seams. The bedrock is expected to be weathered near the surface, with strength increasing with depth.
Groundwater	Groundwater may be encountered within made ground and superficial deposits as perched groundwater at shallow depth. Groundwater levels are anticipated to fluctuate seasonally and may be locally influenced by site drainage and adjacent development. It would be anticipated that the River Irwell would contribute to the fluctuation of shallow ground water levels on site.

5.2.2 It will be essential for intrusive ground investigation works to be undertaken to confirm that the anticipated ground conditions are an accurate appraisal of the true ground conditions.

5.2.3 A summary of potential geo-technical hazards is detailed within table 6:

Table 6: Summary of Potential Geotechnical Hazards		
Hazard Category (excluding contamination issues)	Hazard Status	Engineering Considerations
Highly compressible / low bearing capacity soils (soft clays)	Moderate	Soft or compressible soils are anticipated to be widespread (alluvium). Variable Made Ground may also locally exhibit low bearing capacity. Ground investigation required to confirm soil strength parameters and inform foundation design.
Ground subject to or at risk of landslides	Low	The site is generally level and located within an urban setting. No natural slopes or instability features are anticipated. Landslide risk considered negligible.
High ground water table	Moderate	Groundwater may be encountered within superficial and Made Ground Deposits. Groundwater levels may fluctuate seasonally and could affect excavations and foundation construction. Dewatering may be required locally.
Surface water retention	Moderate	Predominantly hardstanding may restrict infiltration. Localised ponding could occur during heavy rainfall. Surface water drainage design should account for limited infiltration potential.
Surface water run off	Moderate	Existing impermeable surfaces may generate increased runoff. Drainage strategy should control runoff rates in accordance with local authority and SuDS requirements
Mining	High	Coal Measures geology present with historical mining in the wider area. Mining Remediation Authority Development High Risk area present on site as well as two mine entries. Ground investigation should consider potential mining-related features.
Volume change potential of soils	Low to Moderate	Clay-rich alluvium strata may exhibit some shrink-swell behaviour. Assessment of plasticity during investigation required to inform foundation design.
Adverse ground chemistry	Moderate	Aggressive ground conditions may be present due to Made Ground and industrial history. Chemical testing required to determine concrete classification in accordance with BRE SD1.
Live services	Moderate	Live and redundant services are likely due to the site's developed nature. Service records and on-site detection surveys will be required prior to intrusive works.

5.2.4 On the basis of the desk study, the site is may not be suitable for shallow foundation solutions, subject to confirmation of ground conditions through intrusive investigation. Localised ground improvement or removal of Made Ground may be required. The potential presence of groundwater, variable Made Ground and Coal Measures geology should be considered during detailed foundation design.

5.3 Drainage

5.3.1 The geological information obtained from the Groundsure report indicates that the site is likely to be underlain by variable Made Ground, associated with historical development, overlying cohesive alluvium superficial deposits.

Based on the currently available desk study information, these deposits may exhibit low permeability, which could limit the effectiveness of infiltration-based drainage solutions such as soakaways. The suitability of soakaway systems cannot therefore be confirmed at this stage and should be reviewed following the completion of an intrusive ground investigation, with reference to the actual ground conditions encountered and in-situ permeability testing results.

6.0 PROPOSED GROUND INVESTIGATIONS

6.1 Ground Investigation

- 6.1.1 By undertaking an intrusive ground investigation an assessment of the ground and groundwater profiles may be carried out and the geotechnical and geo-environmental risks associated with this site. The investigation will allow a quantitative assessment as to whether any of the potential risks identified in this study are present and are of material concern to the proposed development. The works should be undertaken in accordance with the recommendations laid down in BS10175:2011+A1:2017 "Investigation of Potentially Contaminated Sites".

6.2 Proposed Scope of Ground Investigations

- 6.2.1 On the basis of the currently available information regarding the geo-environmental setting of the site and to confirm the assumptions made, an intrusive ground investigation should be carried out. This should be utilised to confirm the geological succession and engineering properties of the sub surface materials. The scope of works for the ground investigation should comprise of the following: -
- Programme of shallow and deep ground investigations to identify the strata sequence and assess engineering properties;
 - Sampling of the existing strata for chemical and civil engineering laboratory test purposes;
 - Programme of three (3 No.) month gas monitoring programme to allow for an assessment to be made;
 - Reinstatement;
 - Preparation of factual and interpretative report.
- 6.2.2 These ground investigation proposals are intended to represent a preliminary assessment only and it is important that where unusual or suspicious ground conditions are identified, the design of the intrusive investigations should be amended to assess these areas.
- 6.2.3 Following a Coal Mining Risk Assessment (CMRA) as discussed in Section 3.2.4, an intrusive coal mining investigation may be required, including the drilling of several rotary open boreholes to assess the presence of potential shallow coal mine workings.
- 6.2.4 Following consultation with the Mining Remediation Authority on the planning application, some investigation may be required for the mine entries situated on site. It is recommended that advice is sought from the MRA regarding these features and if they have been treated.

Signed for and on behalf of
R E FRY & ASSOCIATES LIMITED

A handwritten signature in black ink, appearing to be 'Rob Seddon'.

Rob Seddon BSc. (Hons)
Graduate Geoenvironmental Engineer

A handwritten signature in black ink, appearing to be 'C. Pilkington'.

Chris Pilkington BSc (Hons) FGS
Senior Geoenvironmental Engineer

APPENDIX A



LOWER WOODHILL ROAD, BURY

Order Details

Date: 19/01/2026
Your ref: 26003
Our Ref: GS-5L1-9XR-ZZ2-O2L

Site Details

Location: 379875 411211
Area: 1.24 ha
Authority: [Bury Metropolitan Borough Council](#) ↗



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Summary of findings

[p. 2 >](#) **Aerial image**

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#) **Insight User Guide** ↗

Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

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Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	8	23	26	155	-
23 >	1.2 >	Historical tanks >	2	3	16	74	-
27 >	1.3 >	Historical energy features >	1	1	5	38	-
29	1.4	Historical petrol stations	0	0	0	0	-
29 >	1.5 >	Historical garages >	0	0	4	12	-
30	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
31 >	2.1 >	Historical industrial land uses >	12	30	36	220	-
42 >	2.2 >	Historical tanks >	3	5	24	103	-
47 >	2.3 >	Historical energy features >	3	2	18	57	-
50	2.4	Historical petrol stations	0	0	0	0	-
51 >	2.5 >	Historical garages >	0	0	6	14	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
52	3.1	Active or recent landfill	0	0	0	0	-
52	3.2	Historical landfill (BGS records)	0	0	0	0	-
53 >	3.3 >	Historical landfill (LA/mapping records) >	0	0	0	2	-
53 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	0	6	-
54 >	3.5 >	Historical waste sites >	0	0	0	9	-
56 >	3.6 >	Licensed waste sites >	0	0	0	3	-
57 >	3.7 >	Waste exemptions >	0	3	9	17	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
60 >	4.1 >	Recent industrial land uses >	1	2	29	-	-
63	4.2	National Geographic Database (NGD) - Current or recent tanks	0	0	0	-	-
63 >	4.3 >	Current or recent petrol stations >	0	0	0	2	-
63	4.4	Electricity cables	0	0	0	0	-
63	4.5	Gas pipelines	0	0	0	0	-



63	4.6	Sites determined as Contaminated Land	0	0	0	0	-
64 >	4.7 >	Control of Major Accident Hazards (COMAH) >	1	0	0	2	-
64	4.8	Regulated explosive sites	0	0	0	0	-
64 >	4.9 >	Hazardous substance storage/usage >	0	0	1	1	-
65	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
65 >	4.11 >	Licensed industrial activities (Part A(1)) >	0	0	0	13	-
68 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	1	7	-
69	4.13	Radioactive Substance Authorisations	0	0	0	0	-
69 >	4.14 >	Licensed Discharges to controlled waters >	2	0	9	8	-
72	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
72	4.16	Pollutant release to public sewer	0	0	0	0	-
72	4.17	List 1 Dangerous Substances	0	0	0	0	-
72	4.18	List 2 Dangerous Substances	0	0	0	0	-
73 >	4.19 >	Pollution Incidents (EA/NRW) >	3	0	1	5	-
74 >	4.20 >	Pollution inventory substances >	0	0	0	1	-
75 >	4.21 >	Pollution inventory waste transfers >	0	0	0	1	-
76	4.22	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
77 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
79 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
81 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
82	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
82	5.5	Groundwater vulnerability- local information	None (within 0m)				
83 >	5.6 >	Groundwater abstractions >	0	0	0	0	7
85 >	5.7 >	Surface water abstractions >	0	0	1	6	14
90	5.8	Potable abstractions	0	0	0	0	0
91	5.9	Source Protection Zones	0	0	0	0	-
91	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m



92 >	6.1 >	Water Network (OS MasterMap) >	0	8	11	-	-
94 >	6.2 >	Surface water features >	1	1	7	-	-
94 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
95 >	6.4 >	WFD Surface water bodies >	0	2	0	-	-
95 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
96 >	7.1 >	Risk of flooding from rivers and the sea >	High (within 50m)				
97 >	7.2 >	Historical Flood Events >	1	0	0	-	-
97	7.3	Flood Defences	0	0	0	-	-
97	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
98	7.5	Flood Storage Areas	0	0	0	-	-
99 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
100 >	7.7 >	Flood Zone 3 >	Identified (within 50m)				
Page	Section	Surface water flooding >					
101 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
103 >	9.1 >	Groundwater flooding >	Moderate (within 50m)				
Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
104	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
105	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
105	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
105	10.4	Special Protection Areas (SPA)	0	0	0	0	0
105	10.5	National Nature Reserves (NNR)	0	0	0	0	0
106 >	10.6 >	Local Nature Reserves (LNR) >	0	0	0	0	5
106	10.7	Designated Ancient Woodland	0	0	0	0	0
106	10.8	Biosphere Reserves	0	0	0	0	0
107	10.9	Forest Parks	0	0	0	0	0
107	10.10	Marine Conservation Zones	0	0	0	0	0
107 >	10.11 >	Green Belt >	0	0	1	0	1



107	10.12	Proposed Ramsar sites	0	0	0	0	0
108	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
108	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
108	10.15	Nitrate Sensitive Areas	0	0	0	0	0
108	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
109 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
110	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
111	11.1	World Heritage Sites	0	0	0	-	-
112	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
112	11.3	National Parks	0	0	0	-	-
112 >	11.4 >	Listed Buildings >	0	0	3	-	-
113	11.5	Conservation Areas	0	0	0	-	-
113	11.6	Scheduled Ancient Monuments	0	0	0	-	-
113	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
114 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
115	12.2	Open Access Land	0	0	0	-	-
115	12.3	Tree Felling Licences	0	0	0	-	-
115	12.4	Environmental Stewardship Schemes	0	0	0	-	-
115	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
116 >	13.1 >	Priority Habitat Inventory >	4	1	15	-	-
117	13.2	Habitat Networks	0	0	0	-	-
117	13.3	Open Mosaic Habitat	0	0	0	-	-
118	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
119 >	14.1 >	10k Availability >	Identified (within 500m)				
120 >	14.2 >	Artificial and made ground (10k) >	1	0	8	11	-



122 >	14.3 >	Superficial geology (10k) >	2	2	4	8	-
123	14.4	Landslip (10k)	0	0	0	0	-
124 >	14.5 >	Bedrock geology (10k) >	1	3	5	7	-
125 >	14.6 >	Bedrock faults and other linear features (10k) >	0	3	2	8	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
127 >	15.1 >	50k Availability >	Identified (within 500m)				
128 >	15.2 >	Artificial and made ground (50k) >	0	0	0	1	-
129	15.3	Artificial ground permeability (50k)	0	0	-	-	-
130 >	15.4 >	Superficial geology (50k) >	2	1	3	6	-
131 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
131	15.6	Landslip (50k)	0	0	0	0	-
132	15.7	Landslip permeability (50k)	None (within 50m)				
133 >	15.8 >	Bedrock geology (50k) >	1	1	3	5	-
134 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
134 >	15.10 >	Bedrock faults and other linear features (50k) >	0	2	2	7	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
136 >	16.1 >	BGS Boreholes >	0	0	32	-	-
Page	Section	Natural ground subsidence >					
139 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
141 >	17.2 >	Running sands >	Low (within 50m)				
143 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
145 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
147 >	17.5 >	Landslides >	Very low (within 50m)				
149 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
151	18.1	BritPits	0	0	0	0	-
152 >	18.2 >	Surface ground workings >	2	24	47	-	-
154 >	18.3 >	Underground workings >	0	0	0	0	3
155	18.4	Underground mining extents	0	0	0	0	-



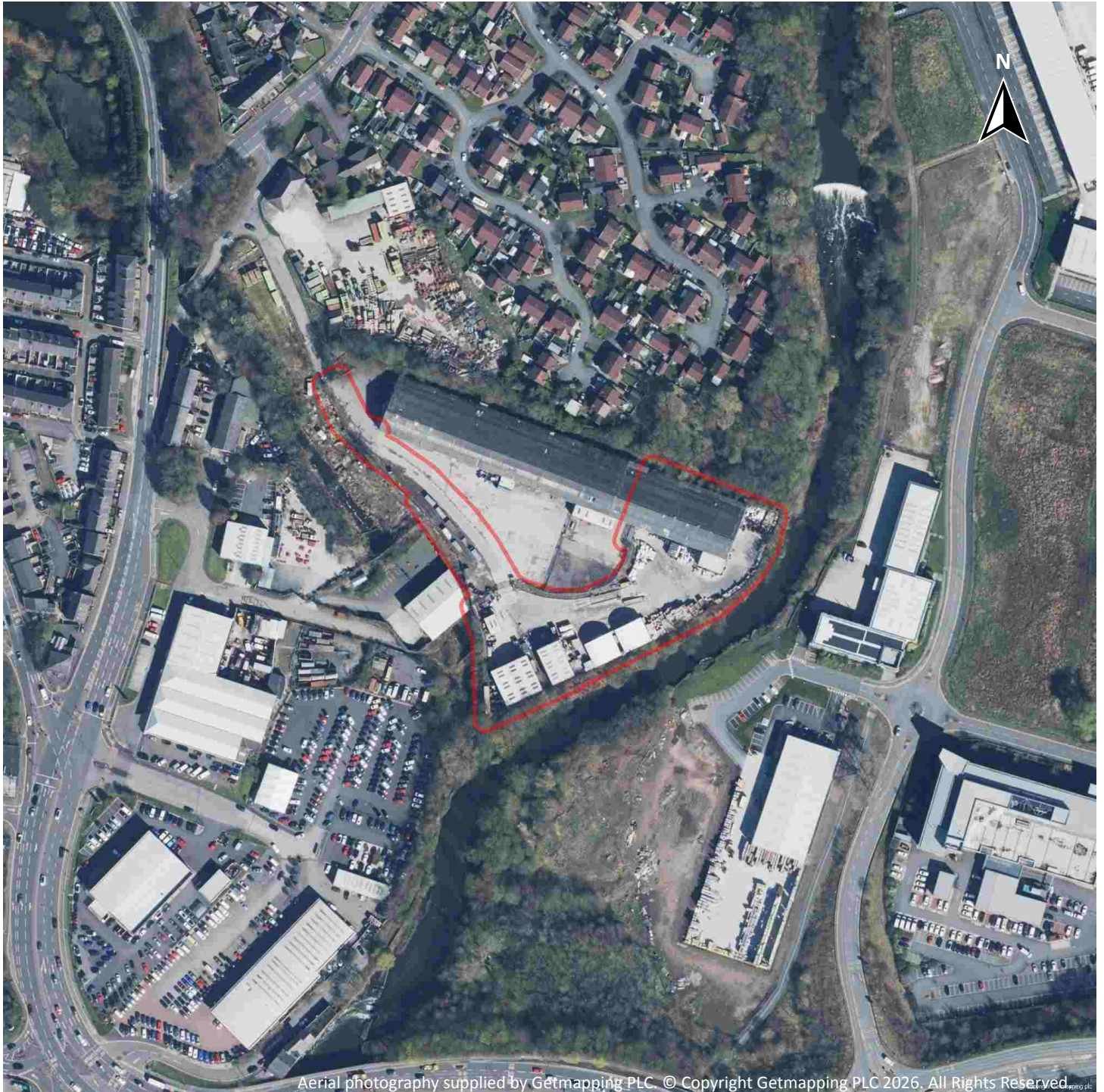
155	18.5	Historical Mineral Planning Areas	0	0	0	0	-
155	18.6	Non-coal mining	0	0	0	0	0
155	18.7	JPB mining areas	None (within 0m)				
156	18.8	The Coal Authority non-coal mining	0	0	0	0	-
156	18.9	Researched mining	0	0	0	0	-
156	18.10	Mining record office plans	0	0	0	0	-
156	18.11	BGS mine plans	0	0	0	0	-
157 >	18.12 >	Coal mining >	Identified (within 0m)				
157	18.13	Brine areas	None (within 0m)				
157	18.14	Gypsum areas	None (within 0m)				
157	18.15	Tin mining	None (within 0m)				
157	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
158	19.1	Natural cavities	0	0	0	0	-
158	19.2	Mining cavities	0	0	0	0	0
158	19.3	Reported recent incidents	0	0	0	0	-
158	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
160 >	20.1 >	Radon >	Between 3% and 5% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
162 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	14	-	-	-
163	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
163	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
164	22.1	Underground railways (London)	0	0	0	-	-
164	22.2	Underground railways (Non-London)	0	0	0	-	-
165	22.3	Railway tunnels	0	0	0	-	-
165 >	22.4 >	Historical railway and tunnel features >	0	0	10	-	-
165	22.5	Royal Mail tunnels	0	0	0	-	-



<u>166</u> >	<u>22.6</u> >	<u>Historical railways</u> >	0	1	0	-	-
166	22.7	Railways	0	0	0	-	-
166	22.8	Crossrail 2	0	0	0	0	-
166	22.9	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 07/04/2023

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 19 January 2026

Recent site history - 2019 aerial photograph



Capture Date: 23/05/2019

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 19 January 2026

Recent site history - 2011 aerial photograph



Capture Date: 02/05/2011

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 19 January 2026

Recent site history - 2001 aerial photograph



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Capture Date: 07/05/2001

Site Area: 1.24ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 19 January 2026

Recent site history - 2000 aerial photograph



Capture Date: 07/05/2000

Site Area: 1.24ha



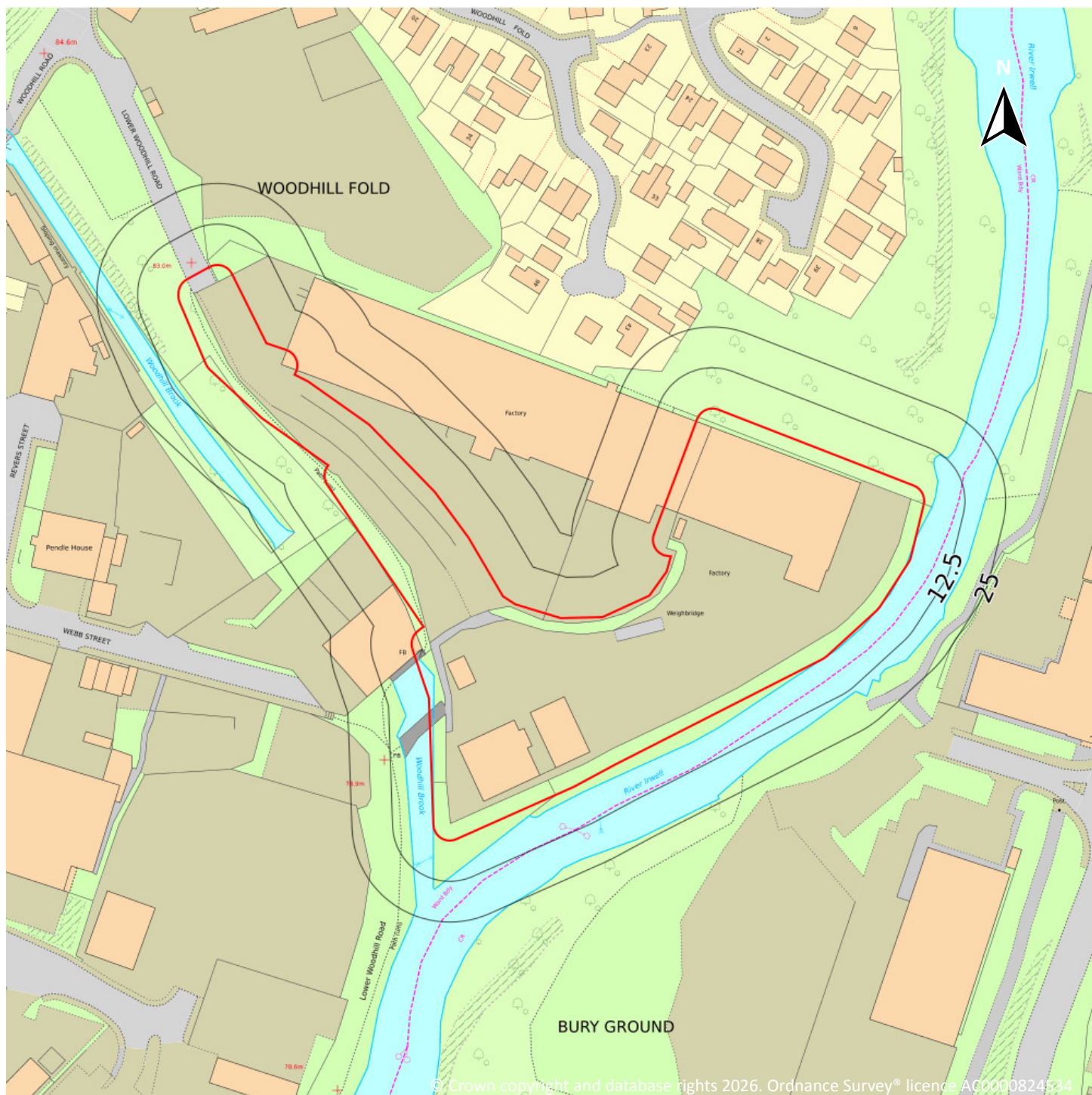
Contact us with any questions at:

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01273 257 755

Date: 19 January 2026

OS MasterMap site plan



Site Area: 1.24ha



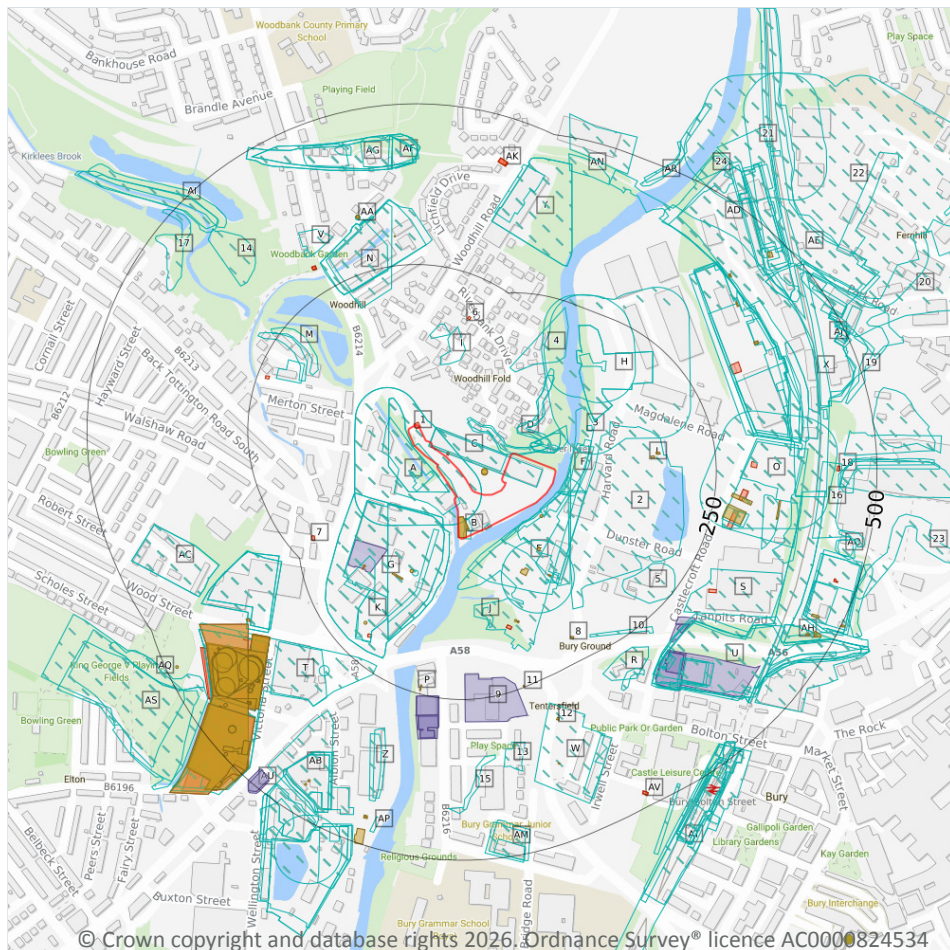
Contact us with any questions at:

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Date: 19 January 2026

1 Past land use



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

1.1 Historical industrial land uses

Records within 500m

212

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 15](#) >

ID	Location	Land use	Dates present	Group ID
A	On site	Bleach and Dye works	1891	665936



ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Commercial/Industrial	1938	727608
A	On site	Unspecified Commercial/Industrial	1956 - 1974	778626
B	On site	Unspecified Tanks	1956	666677
B	On site	Unspecified Tanks	1956	666678
C	On site	Unspecified Works	1969 - 1974	707206
C	On site	Unspecified Works	1980	741662
D	On site	Refuse Heap	1974 - 1980	716143
D	1m N	Refuse Heap	1969	725313
A	3m SW	Bleach Works	1908	708620
A	3m SW	Bleach Works	1928	737850
A	11m SW	Unspecified Factory	1851	705187
E	11m SE	Hat Works	1908	685571
E	14m SE	Unspecified Commercial/Industrial	1969 - 1980	741552
E	14m SE	Print Works	1851	663590
F	14m SE	Chemical Works	1908	804206
E	14m SE	Bleach Works	1928 - 1938	762961
G	14m W	Unspecified Commercial/Industrial	1974 - 1980	735185
G	14m W	Unspecified Mills	1956 - 1969	797421
D	15m N	Unspecified Heap	1891	766145
D	15m N	Unspecified Heap	1938	771879
D	17m N	Unspecified Ground Workings	1908	660988
2	21m E	Bleach Works	1956	785308
F	21m SE	Chemical Works	1891	752047
G	22m W	Unspecified Mills	1927 - 1938	759402
G	22m W	Unspecified Commercial/Industrial	1908	792539
D	27m N	Unspecified Heap	1956	801445
G	31m W	Disused Canal	1928 - 1938	799362
E	33m SE	Unspecified Commercial/Industrial	1956	734919



ID	Location	Land use	Dates present	Group ID
H	45m NE	Bleach Works	1938	799748
E	47m SE	Unspecified Tanks	1938	784150
3	79m NE	Pump House	1928 - 1938	782095
G	84m SW	Unspecified Tank	1969	697574
H	97m NE	Unspecified Commercial/Industrial	1967	670578
H	97m NE	Bleach Works	1956	722497
I	101m N	Unspecified Heap	1891	688637
G	103m SW	Iron Works	1908	655394
E	109m SE	Unspecified Tanks	1956	727167
J	113m S	Refuse Heap	1928	656313
E	113m SE	Unspecified Tanks	1928	714415
H	115m N	Bleach Works	1908 - 1928	713029
4	127m N	Unspecified Heap	1956	688428
G	136m W	Iron Foundry	1850	705135
I	137m N	Unspecified Pit	1891	675626
K	146m SW	Unspecified Mills	1908	786822
H	165m N	Bleach Works	1891	770775
M	169m NW	Refuse Heap	1956	784301
M	178m NW	Refuse Heap	1928	741500
5	180m SE	Unspecified Heap	1967	688845
M	183m NW	Unspecified Works	1969 - 1980	722984
N	201m NW	Unspecified Mills	1891	779590
10	221m SE	Rope Walk	1908	691261
O	227m E	Unspecified Commercial/Industrial	1928 - 1938	785856
N	230m NW	Unspecified Works	1969 - 1980	709485
N	231m NW	Unspecified Mills	1938 - 1956	737898
N	231m NW	Unspecified Mills	1928	707390
Q	237m SW	Unspecified Commercial/Industrial	1956	720240



ID	Location	Land use	Dates present	Group ID
O	268m E	Unspecified Tanks	1928 - 1938	803258
O	270m E	Unspecified Commercial/Industrial	1956	797984
R	270m SE	Refuse Heap	1928	656499
Q	272m SW	Iron Works	1908	655402
Q	272m SW	Engineering Works	1927 - 1938	759444
S	274m SE	Unspecified Works	1983	683052
Q	274m SW	Unspecified Works	1969 - 1980	741357
Q	274m SW	Engineering Works	1956	752925
T	277m SW	Unspecified Works	1969 - 1980	737060
T	287m SW	Gasometer	1850	659016
O	287m E	Unspecified Works	1967	683296
O	288m E	Unspecified Tanks	1956	757845
W	288m SE	Iron Foundry	1851	705133
U	296m SE	Railway Sidings	1851 - 1891	780342
U	298m SE	Railway Sidings	1928	802795
X	298m SE	Railway Sidings	1938	804329
X	299m E	Unspecified Mills	1928	716771
R	299m SE	Unspecified Ground Workings	1908	660959
Y	303m N	Unspecified Works	1956	743135
Y	303m N	Unspecified Works	1969 - 1980	805453
U	303m SE	Railway Sidings	1908	788590
U	303m SE	Railway Building	1891	731270
U	304m SE	Railway Sidings	1956 - 1967	772336
X	308m E	Unspecified Mills	1938 - 1956	778486
V	309m NW	Cotton Mill	1850	654739
X	309m E	Unspecified Mills	1908	748082
U	310m SE	Railway Building	1908 - 1938	760002
X	312m NE	Unspecified Mill	1891	712972



ID	Location	Land use	Dates present	Group ID
X	313m E	Unspecified Mills	1983	737717
X	313m E	Unspecified Mill	1967	736798
U	315m SE	Railway Building	1956 - 1967	801387
Z	317m S	Unspecified Wharf	1956	784805
U	323m SE	Weighing Machine	1851	680077
13	326m S	Hat Works	1908 - 1938	755876
O	327m E	Unspecified Heap	1967	688846
Z	330m SW	Unspecified Wharf	1908 - 1938	803099
AA	332m N	Chimney	1969 - 1980	721005
U	332m SE	Goods Warehouse	1851	683728
U	332m SE	Goods Station	1891 - 1938	803920
U	337m SE	Goods Station	1956 - 1967	772882
U	337m SE	Railway Building	1908	711286
AB	338m SW	Unspecified Mills	1969 - 1974	760955
U	340m SE	Railway Building	1956 - 1967	765926
14	340m NW	Unspecified Pit	1928 - 1938	730587
15	340m S	Unspecified Ground Workings	1908	660962
Q	340m SW	Gas Works	1908	700436
Q	340m SW	Unspecified Commercial/Industrial	1890	768838
Q	340m SW	Unspecified Commercial/Industrial	1927 - 1938	793588
Y	347m NE	Unspecified Works	1928 - 1938	729066
AC	356m SW	Unspecified Commercial/Industrial	1974	670477
AC	356m SW	Unspecified Works	1980	683151
O	357m E	Unspecified Ground Workings	1967	660647
Q	361m SW	Unspecified Tanks	1956 - 1980	779327
AD	365m E	Railway Sidings	1956 - 1967	747615
Q	366m SW	Gasometers	1908	669778
Q	366m SW	Unspecified Tanks	1890	714365



ID	Location	Land use	Dates present	Group ID
Q	366m SW	Unspecified Tanks	1927 - 1938	739118
W	367m SE	Police Station	1967	706525
AD	369m E	Railway Sidings	1908 - 1928	712998
X	383m E	Unspecified Pit	1891	675350
AB	387m SW	Unspecified Mills	1956	802065
Q	388m SW	Unspecified Tanks	1956	788223
AB	388m SW	Unspecified Mills	1980	783734
AB	394m SW	Unspecified Commercial/Industrial	1890	670428
AB	394m SW	Unspecified Mills	1908 - 1938	731305
Q	395m SW	Unspecified Tank	1908	697488
Q	395m SW	Unspecified Tanks	1927 - 1938	739510
AE	396m NE	Railway Sidings	1891	719105
AF	400m N	Cuttings	1938	748557
AG	400m N	Cuttings	1891	779638
AG	400m N	Cuttings	1909 - 1928	738513
AF	401m N	Cuttings	1928	755463
AF	401m N	Cuttings	1908	792985
AF	405m N	Cuttings	1956	805597
AG	406m N	Cuttings	1974	755857
AG	406m N	Cuttings	1980	769335
Q	408m SW	Unspecified Works	1969	683098
16	411m E	Cuttings	1967	653195
AG	417m N	Cuttings	1956	779212
AH	422m SE	Tan Yard	1851	671082
Q	422m SW	Unspecified Commercial/Industrial	1908 - 1938	717169
AH	423m SE	Unspecified Commercial/Industrial	1956 - 1967	720112
X	425m E	Railway Building	1956	702669
AI	425m NW	Refuse Heap	1956	736116



ID	Location	Land use	Dates present	Group ID
AJ	425m E	Railway Sidings	1956	795283
17	426m NW	Refuse Heap	1909	656159
AH	429m SE	Railway Sidings	1851	791550
AH	431m E	Tannery	1928 - 1938	716900
AG	432m N	Unspecified Pit	1938	675627
U	433m SE	Railway Building	1908 - 1928	725838
AI	433m NW	Sand Pit	1938	674116
AH	434m E	Unspecified Works	1967 - 1983	776560
AH	435m E	Tannery	1891	709233
AH	435m E	Tannery	1908	707977
AH	436m E	Tannery	1956	756580
AI	437m NW	Refuse Heap	1928	707395
AH	439m SE	Railway Sidings	1956 - 1967	728210
AD	439m NE	Unspecified Pit	1891	675351
AL	440m E	Refuse Heap	1938	785758
AM	441m S	Police Station	1956	798182
AE	443m NE	Chemical Works	1938	799356
AL	443m E	Refuse Heap	1928	784780
AM	443m S	Police Station	1928 - 1938	777989
AJ	444m E	Sawmill	1983	706237
AN	444m N	Unspecified Ground Workings	1983	660076
AL	444m E	Refuse Heap	1956	742066
AE	449m NE	Chemical Works	1956	707225
AL	450m E	Cuttings	1967	653194
Q	450m SW	Unspecified Tank	1974 - 1980	773732
AO	450m E	Refuse Heap	1928 - 1938	728107
AO	450m E	Unspecified Ground Workings	1928 - 1938	792062
AP	452m S	Pump House	1927 - 1938	791167



ID	Location	Land use	Dates present	Group ID
AO	454m E	Refuse Heap	1956	714878
AP	456m SW	Unspecified Works	1980	741358
AQ	457m SW	Unspecified Ground Workings	1890	660814
AE	459m NE	Unspecified Works	1967	683295
AR	460m N	Unspecified Ground Workings	1956	801563
AS	461m SW	Unspecified Commercial/Industrial	1890	670437
AE	462m NE	Unspecified Pit	1938	675347
19	464m E	Unspecified Ground Workings	1908	660646
AR	467m N	Unspecified Ground Workings	1967 - 1983	777228
AN	469m N	Unspecified Works	1983	683153
AE	469m NE	Chemical Works	1908 - 1928	712628
AM	470m S	Police Station	1969 - 1974	715771
AE	470m NE	Iron Foundry	1891	705143
AT	471m SE	Railway Sidings	1967 - 1983	735837
AT	472m SE	Railway Building	1851	703025
AS	473m SW	Unspecified Works	1908	683097
AT	474m SE	Railway Sidings	1956	707221
AT	475m SE	Railway Station	1956	764347
AT	475m SE	Railway Station	1908 - 1938	802518
AP	476m S	Unspecified Mill	1956	719858
AP	477m SW	Unspecified Works	1974	792189
AP	477m S	Unspecified Mills	1969	770702
AT	478m SE	Railway Sidings	1851	790382
AP	481m S	Unspecified Commercial/Industrial	1890	670429
AP	481m S	Unspecified Mill	1908 - 1938	767047
AJ	482m NE	Railway Building	1956	702668
AJ	482m NE	Unspecified Mill	1967	770584
20	484m NE	Colliery	1851	690211



ID	Location	Land use	Dates present	Group ID
AP	485m SW	Unspecified Tank	1927	773046
AT	487m SE	Railway Station	1967	721006
AT	489m SE	Railway Sidings	1851	705807
AT	489m SE	Railway Station	1891	768962
AT	490m SE	Railway Station	1851	764820
AS	491m SW	Refuse Heap	1974 - 1980	775729
AP	491m SW	Unspecified Mill	1850	785015
AT	492m SE	Railway Station	1983	767625
AJ	494m NE	Unspecified Mill	1891	769144
21	497m NE	Corporation Yard	1938	784863
22	497m NE	Corporation Yard	1908 - 1928	755197
23	497m E	Refuse Heap	1908	733930
AL	499m E	Refuse Heap	1938 - 1956	774427
24	499m NE	Unspecified Heap	1938	688843
AH	500m E	Unspecified Ground Workings	1928 - 1938	712902

This data is sourced from Ordnance Survey® / Groundsure.

1.2 Historical tanks

Records within 500m

95

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
B	On site	Tanks	1910	82661
B	On site	Settling Tanks	1930 - 1937	91625
E	20m SE	Unspecified Tank	1891	98435



ID	Location	Land use	Dates present	Group ID
C	25m W	Unspecified Tank	1992	101933
C	25m W	Unspecified Tank	1988 - 1989	92822
E	63m SE	Unspecified Tank	1891	96777
E	82m SE	Settling Tanks	1930 - 1937	105349
G	88m SW	Unspecified Tank	1891	90575
E	108m SE	Tanks	1930 - 1937	96352
G	109m SW	Tanks	1930 - 1937	103812
J	148m SE	Unspecified Tank	1910 - 1937	95244
L	150m E	Unspecified Tank	1939	90381
J	152m SE	Unspecified Tank	1959	93076
J	152m SE	Unspecified Tank	1960	93096
G	152m W	Tanks	1891	82664
L	159m E	Unspecified Tank	1959 - 1960	98662
K	195m SW	Unspecified Tank	1890	90559
8	210m SE	Tanks	1891	82666
P	236m S	Tanks	1891	82667
P	241m S	Tanks	1891	82668
11	247m S	Unspecified Tank	1891	90573
O	269m E	Tanks	1930 - 1937	94250
O	276m E	Tanks	1930 - 1937	101178
N	295m N	Unspecified Tank	1958	90577
12	314m SE	Unspecified Tank	1937	90576
Q	333m SW	Gas Works	1970	99762
Q	334m SW	Gas Works	1969	96231
Q	334m SW	Gas Holder Station	1982	103971
AA	334m N	Unspecified Tank	1987	99588
AA	334m N	Unspecified Tank	1981	105265
Q	349m SW	Gas Holder Station	1992 - 1995	93987



ID	Location	Land use	Dates present	Group ID
Q	350m W	Unspecified Tank	1890 - 1891	93571
O	351m E	Unspecified Tank	1937	90403
Q	355m SW	Gasholder Station	1985	94446
Q	363m SW	Tanks	1958	104546
Q	363m SW	Gasometers	1890 - 1970	106192
Q	363m SW	Tanks	1978	104194
Q	363m SW	Gasometer	1969	92033
Q	363m SW	Unspecified Tank	1957	102279
Q	363m SW	Gas Holder	1982	106132
Q	364m SW	Gas Holder	1992 - 1995	105785
X	367m NE	Unspecified Tank	1983	90382
Q	371m SW	Tanks	1910 - 1939	97624
Q	372m SW	Gasometer	1891	102849
Q	377m SW	Gasholders	1985	108257
Q	377m SW	Gas Holders	1995	99940
Q	377m SW	Unspecified Tank	1975	91668
W	379m SE	Unspecified Tank	1891	90574
AD	381m NE	Unspecified Tank	1939	90385
Q	381m SW	Unspecified Tank	1958	100213
Q	381m SW	Unspecified Tank	1970	107465
Q	382m SW	Unspecified Tank	1957 - 1969	105643
Q	382m SW	Unspecified Tank	1982	105849
Q	383m SW	Unspecified Tank	1992 - 1995	107700
Q	384m SW	Unspecified Tank	1970	90570
Q	392m SW	Tanks	1957	92136
Q	392m SW	Unspecified Tank	1975	90556
Q	392m SW	Unspecified Tank	1890	99745
Q	392m SW	Unspecified Tank	1910	105087



ID	Location	Land use	Dates present	Group ID
Q	394m SW	Tanks	1930	82662
Q	400m SW	Unspecified Tank	1910	99559
Q	400m SW	Unspecified Tank	1939	101888
Q	401m SW	Gasometer	1891	83907
Q	403m SW	Gas Works	1891	102337
Q	403m SW	Unspecified Tank	1970	90565
AD	404m NE	Unspecified Tank	1992	106320
AD	405m NE	Unspecified Tank	1982	104792
Q	411m SW	Unspecified Tank	1957	99416
Q	412m SW	Unspecified Tank	1958	95247
Q	412m SW	Unspecified Tank	1970	94905
Q	413m SW	Unspecified Tank	1978 - 1982	94669
Q	413m SW	Unspecified Tank	1969	96387
Q	415m SW	Unspecified Tank	1992 - 1995	92905
Q	417m SW	Gasometer	1891	83746
Q	418m SW	Gasholder Station	1975	100261
Q	420m SW	Unspecified Tank	1891	90571
Q	424m SW	Gas Works	1910	83288
AB	443m SW	Unspecified Tank	1957	90557
Q	445m SW	Unspecified Tank	1970	90563
AB	450m SW	Unspecified Tank	1890	90560
AH	452m SE	Tanks	1910	107149
Q	453m SW	Unspecified Tank	1939	90555
AP	455m S	Unspecified Tank	1982	105353
Q	455m SW	Tanks	1939	82663
Q	456m SW	Unspecified Tank	1970	90566
AP	457m S	Unspecified Tank	1992 - 1995	93470
Q	457m SW	Gasholder	1975	82994



ID	Location	Land use	Dates present	Group ID
AH	458m SE	Unspecified Tank	1910	94725
AH	468m SE	Unspecified Tank	1937	90392
AE	469m NE	Unspecified Tank	1982 - 1992	96508
Q	471m SW	Tanks	1930 - 1939	101839
AP	477m S	Unspecified Tank	1982 - 1995	98108
AQ	481m SW	Unspecified Tank	1890	90558
Q	493m SW	Unspecified Tank	1970 - 1975	91859
AH	500m SE	Tanks	1973 - 1984	92564

This data is sourced from Ordnance Survey® / Groundsure.

1.3 Historical energy features

Records within 500m

45

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
1	On site	Electricity Substation	1982 - 1987	55291
C	3m NE	Electricity Substation	1989 - 1992	52561
J	151m SE	Electricity Substation	1969 - 1995	58033
6	183m NE	Electricity Substation	1992	48884
K	203m SW	Electricity Substation	1969 - 1982	52771
7	210m SW	Electricity Substation	1982	47346
M	231m W	Electricity Substation	1982 - 1992	63297
O	279m E	Electricity Substation	1983 - 1998	57991
V	287m NW	Electricity Substation	1987 - 1992	62406
V	287m NW	Electricity Substation	1983	54901



ID	Location	Land use	Dates present	Group ID
V	288m NW	Electricity Substation	1981	53189
O	288m E	Electricity Substation	1983 - 1998	56256
S	293m SE	Electricity Substation	1983 - 1998	55056
O	304m E	Electricity Substation	1983	47876
X	314m NE	Electricity Substation	1983 - 1998	55300
Q	333m SW	Gas Works	1970	62061
Q	334m SW	Gas Holder Station	1982	51447
Q	334m SW	Gas Works	1969	51930
Q	342m SW	Corporation Gas Works	1891	57913
Q	349m SW	Gas Holder Station	1992 - 1995	51672
Q	355m SW	Gasholder Station	1985	52353
Q	358m SW	Corporation Gas Works	1890	64352
Q	363m SW	Gasometers	1890 - 1970	63045
Q	363m SW	Electricity Substation	1975 - 1985	54813
Q	363m SW	Gas Holder	1982	50392
Q	363m SW	Gasometer	1969	57593
Q	364m SW	Gas Holder	1992 - 1995	61240
X	367m NE	Electricity Substation	1998	48883
Q	372m SW	Gasometer	1891	52721
Q	377m SW	Gasholders	1985	58287
Q	377m SW	Gas Holders	1995	56627
Q	401m SW	Gasometer	1891	49727
Q	403m SW	Gas Works	1891	55814
Q	417m SW	Gasometer	1891	49714
Q	418m SW	Gasholder Station	1975	57045
Q	424m SW	Corporation Gas Works	1890 - 1891	62030
Q	424m SW	Gas Works	1910	49584
AK	426m N	Electricity Substation	1987 - 1992	50342



ID	Location	Land use	Dates present	Group ID
AK	426m N	Electricity Substation	1983	56542
AK	426m N	Electricity Substation	1981	55252
18	437m E	Electricity Substation	1998	48882
Q	457m SW	Gasholder	1975	49416
AH	463m E	Electricity Substation	1983 - 1998	59015
AV	475m SE	Electricity Substation	1984 - 1992	54505
AV	475m SE	Electricity Substation	1973	57586

This data is sourced from Ordnance Survey® / Groundsure.

1.4 Historical petrol stations

Records within 500m

0

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'.

This data is sourced from Ordnance Survey® / Groundsure.

1.5 Historical garages

Records within 500m

16

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 15 >](#)

ID	Location	Land use	Dates present	Group ID
G	113m W	Garage	1989 - 1992	21576
9	211m S	Garage	1992 - 1995	17747
P	247m S	Garage	1978	21184
P	247m S	Garage	1957	21531



ID	Location	Land use	Dates present	Group ID
P	276m S	Garage	1958	18313
P	276m S	Garage	1970	20870
P	278m S	Garage	1969	16536
U	282m SE	Garage	1959 - 1960	18735
U	287m SE	Garage	1959	18516
U	293m SE	Garage	1957	19413
U	307m SE	Garage	1978	21308
U	309m SE	Garage	1992	20457
U	311m SE	Garage	1984	19031
U	311m SE	Garage	1973	21493
AU	474m SW	Garage	1982	17595
AU	475m SW	Garage	1978	18720

This data is sourced from Ordnance Survey® / Groundsure.

1.6 Historical military land

Records within 500m

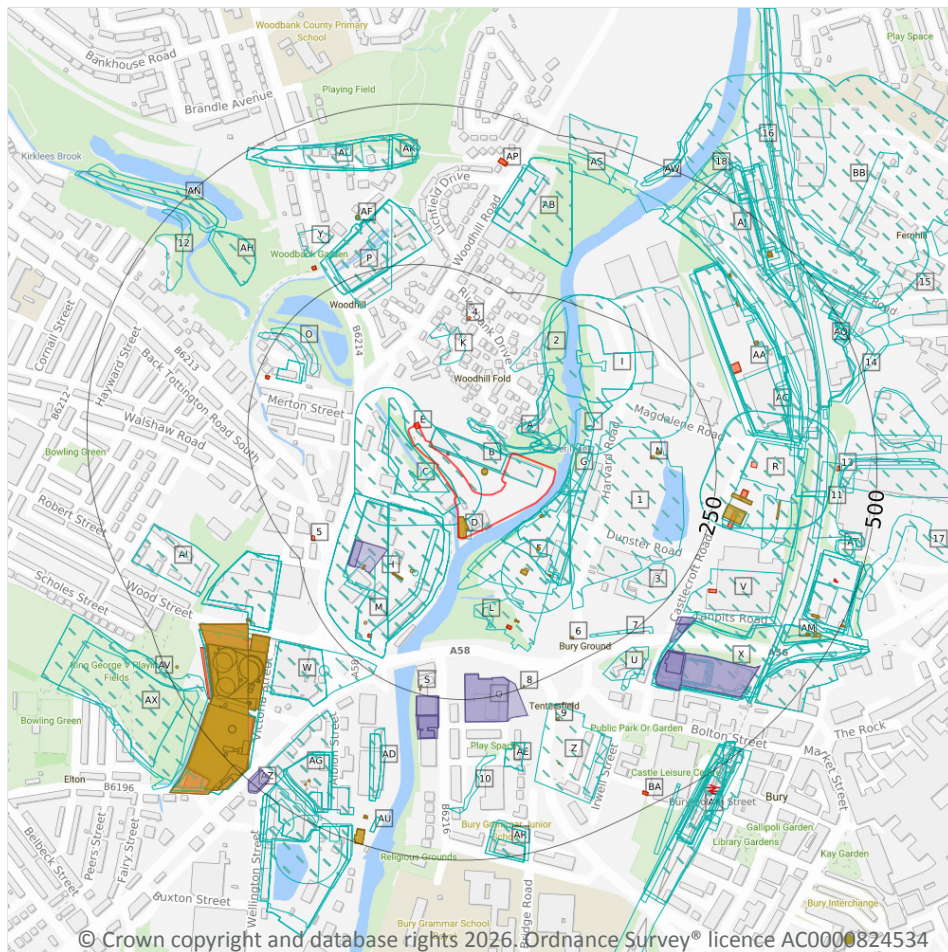
0

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.

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 garages

2.1 Historical industrial land uses

Records within 500m

298

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 31](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Refuse Heap	1980	716143
A	On site	Refuse Heap	1974	716143
B	On site	Unspecified Works	1980	741662



ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Works	1969	707206
B	On site	Unspecified Works	1974	707206
C	On site	Unspecified Commercial/Industrial	1969	778626
C	On site	Unspecified Commercial/Industrial	1974	778626
C	On site	Unspecified Commercial/Industrial	1956	778626
C	On site	Unspecified Commercial/Industrial	1938	727608
C	On site	Bleach and Dye works	1891	665936
D	On site	Unspecified Tanks	1956	666677
D	On site	Unspecified Tanks	1956	666678
A	1m N	Refuse Heap	1969	725313
C	3m SW	Bleach Works	1928	737850
C	3m SW	Bleach Works	1908	708620
C	11m SW	Unspecified Factory	1851	705187
F	11m SE	Hat Works	1908	685571
F	14m SE	Unspecified Commercial/Industrial	1980	741552
F	14m SE	Unspecified Commercial/Industrial	1969	741552
F	14m SE	Unspecified Commercial/Industrial	1974	741552
F	14m SE	Print Works	1851	663590
G	14m SE	Chemical Works	1908	804206
F	14m SE	Bleach Works	1938	762961
F	14m SE	Bleach Works	1928	762961
H	14m W	Unspecified Commercial/Industrial	1980	735185
H	14m W	Unspecified Mills	1969	797421
H	14m W	Unspecified Commercial/Industrial	1974	735185
H	14m W	Unspecified Mills	1956	797421
A	15m N	Unspecified Heap	1938	771879
A	15m N	Unspecified Heap	1891	766145
A	17m N	Unspecified Ground Workings	1908	660988



ID	Location	Land Use	Date	Group ID
1	21m E	Bleach Works	1956	785308
G	21m SE	Chemical Works	1891	752047
H	22m W	Unspecified Mills	1938	759402
H	22m W	Unspecified Mills	1928	759402
H	22m W	Unspecified Commercial/Industrial	1908	792539
A	27m N	Unspecified Heap	1956	801445
H	31m W	Disused Canal	1938	799362
H	31m W	Disused Canal	1928	799362
F	33m SE	Unspecified Commercial/Industrial	1956	734919
I	45m NE	Bleach Works	1938	799748
F	47m SE	Unspecified Tanks	1938	784150
J	79m NE	Pump House	1928	782095
J	80m NE	Pump House	1938	782095
H	84m SW	Unspecified Tank	1969	697574
H	97m SW	Unspecified Mills	1938	759402
H	97m SW	Unspecified Mills	1927	759402
I	97m NE	Bleach Works	1956	722497
I	97m NE	Unspecified Commercial/Industrial	1967	670578
K	101m N	Unspecified Heap	1891	688637
H	103m SW	Iron Works	1908	655394
F	109m SE	Unspecified Tanks	1956	727167
L	113m S	Refuse Heap	1928	656313
F	113m SE	Unspecified Tanks	1928	714415
I	115m N	Bleach Works	1928	713029
I	115m N	Bleach Works	1908	713029
2	127m N	Unspecified Heap	1956	688428
H	136m W	Iron Foundry	1850	705135
K	137m N	Unspecified Pit	1891	675626



ID	Location	Land Use	Date	Group ID
M	146m SW	Unspecified Mills	1908	786822
I	165m N	Bleach Works	1891	770775
O	169m NW	Refuse Heap	1956	784301
O	178m NW	Refuse Heap	1928	741500
3	180m SE	Unspecified Heap	1967	688845
O	183m NW	Unspecified Works	1980	722984
O	183m NW	Unspecified Works	1969	722984
O	183m NW	Unspecified Works	1974	722984
P	201m NW	Unspecified Mills	1891	779590
7	221m SE	Rope Walk	1908	691261
R	227m E	Unspecified Commercial/Industrial	1938	785856
R	228m E	Unspecified Commercial/Industrial	1928	785856
P	230m NW	Unspecified Works	1980	709485
P	230m NW	Unspecified Works	1969	709485
P	230m NW	Unspecified Works	1974	709485
P	231m NW	Unspecified Mills	1938	737898
P	231m NW	Unspecified Mills	1956	737898
P	231m NW	Unspecified Mills	1928	707390
T	237m SW	Unspecified Commercial/Industrial	1956	720240
R	268m E	Unspecified Tanks	1938	803258
R	268m E	Unspecified Tanks	1928	803258
R	270m E	Unspecified Commercial/Industrial	1956	797984
U	270m SE	Refuse Heap	1928	656499
T	272m SW	Engineering Works	1938	759444
T	272m SW	Engineering Works	1927	759444
T	272m SW	Iron Works	1908	655402
V	274m SE	Unspecified Works	1983	683052
T	274m SW	Unspecified Works	1980	741357



ID	Location	Land Use	Date	Group ID
T	274m SW	Unspecified Works	1969	741357
T	274m SW	Unspecified Works	1974	741357
T	274m SW	Engineering Works	1956	752925
W	277m SW	Unspecified Works	1980	737060
W	277m SW	Unspecified Works	1969	737060
W	277m SW	Unspecified Works	1974	737060
W	287m SW	Gasometer	1850	659016
R	287m E	Unspecified Works	1967	683296
R	288m E	Unspecified Tanks	1956	757845
Z	288m SE	Iron Foundry	1851	705133
X	296m SE	Railway Sidings	1891	780342
X	298m SE	Railway Sidings	1938	804329
X	298m SE	Railway Sidings	1928	802795
AA	299m E	Unspecified Mills	1928	716771
U	299m SE	Unspecified Ground Workings	1908	660959
AB	303m N	Unspecified Works	1980	805453
AB	303m N	Unspecified Works	1969	805453
AB	303m N	Unspecified Works	1974	805453
AB	303m N	Unspecified Works	1956	743135
X	303m SE	Railway Sidings	1908	788590
X	303m SE	Railway Building	1891	731270
X	304m SE	Railway Sidings	1956	772336
X	304m SE	Railway Sidings	1967	772336
AA	308m E	Unspecified Mills	1938	778486
Y	309m NW	Cotton Mill	1850	654739
AA	309m E	Unspecified Mills	1908	748082
X	310m SE	Railway Building	1938	760002
X	310m SE	Railway Building	1928	760002



ID	Location	Land Use	Date	Group ID
X	310m SE	Railway Building	1908	760002
AA	311m E	Unspecified Mills	1956	778486
AC	312m NE	Unspecified Mill	1891	712972
AA	313m E	Unspecified Mills	1983	737717
AA	313m E	Unspecified Mill	1967	736798
X	315m SE	Railway Building	1956	801387
X	315m SE	Railway Building	1967	801387
AD	317m S	Unspecified Wharf	1956	784805
X	320m SE	Railway Sidings	1851	780342
X	323m SE	Weighing Machine	1851	680077
AE	326m S	Hat Works	1938	755876
AE	326m S	Hat Works	1928	755876
AE	326m S	Hat Works	1908	755876
R	327m E	Unspecified Heap	1967	688846
AD	330m SW	Unspecified Wharf	1938	803099
AD	330m SW	Unspecified Wharf	1927	803099
AD	330m SW	Unspecified Wharf	1908	803099
AF	332m N	Chimney	1980	721005
AF	332m N	Chimney	1969	721005
AF	332m N	Chimney	1974	721005
X	332m SE	Goods Warehouse	1851	683728
X	332m SE	Goods Station	1938	803920
X	332m SE	Goods Station	1891	803920
X	332m SE	Goods Station	1928	803920
X	332m SE	Goods Station	1908	803920
X	337m SE	Goods Station	1956	772882
X	337m SE	Goods Station	1967	772882
X	337m SE	Railway Building	1908	711286



ID	Location	Land Use	Date	Group ID
AG	338m SW	Unspecified Mills	1969	760955
AG	338m SW	Unspecified Mills	1974	760955
X	340m SE	Railway Building	1956	765926
X	340m SE	Railway Building	1967	765926
AH	340m NW	Unspecified Pit	1928	730587
10	340m S	Unspecified Ground Workings	1908	660962
T	340m SW	Unspecified Commercial/Industrial	1938	793588
T	340m SW	Unspecified Commercial/Industrial	1927	793588
T	340m SW	Gas Works	1908	700436
T	340m SW	Unspecified Commercial/Industrial	1890	768838
AH	341m NW	Unspecified Pit	1938	730587
AB	347m NE	Unspecified Works	1928	729066
AB	347m NE	Unspecified Works	1938	729066
AI	356m SW	Unspecified Works	1980	683151
AI	356m SW	Unspecified Commercial/Industrial	1974	670477
R	357m E	Unspecified Ground Workings	1967	660647
T	361m SW	Unspecified Tanks	1980	779327
T	361m SW	Unspecified Tanks	1969	779327
T	361m SW	Unspecified Tanks	1974	779327
T	361m SW	Unspecified Tanks	1956	779327
AJ	365m E	Railway Sidings	1956	747615
T	366m SW	Gasometers	1908	669778
T	366m SW	Unspecified Tanks	1938	739118
T	366m SW	Unspecified Tanks	1927	739118
T	366m SW	Unspecified Tanks	1890	714365
Z	367m SE	Police Station	1967	706525
AJ	369m E	Railway Sidings	1928	712998
AJ	369m E	Railway Sidings	1908	712998



ID	Location	Land Use	Date	Group ID
AJ	370m E	Railway Sidings	1938	804329
AJ	372m E	Railway Sidings	1967	747615
AC	383m E	Unspecified Pit	1891	675350
AG	387m SW	Unspecified Mills	1956	802065
T	388m SW	Unspecified Tanks	1956	788223
AG	388m SW	Unspecified Mills	1980	783734
AG	394m SW	Unspecified Mills	1938	731305
AG	394m SW	Unspecified Mills	1927	731305
AG	394m SW	Unspecified Mills	1908	731305
AG	394m SW	Unspecified Commercial/Industrial	1890	670428
T	395m SW	Unspecified Tanks	1938	739510
T	395m SW	Unspecified Tanks	1927	739510
T	395m SW	Unspecified Tank	1908	697488
AJ	396m NE	Railway Sidings	1891	719105
AK	400m N	Cuttings	1938	748557
AK	400m N	Cuttings	1891	779638
AL	400m N	Cuttings	1928	738513
AL	400m N	Cuttings	1909	738513
AL	400m N	Cuttings	1891	779638
AK	401m N	Cuttings	1928	755463
AK	401m N	Cuttings	1908	792985
AK	405m N	Cuttings	1956	805597
AL	406m N	Cuttings	1980	769335
AL	406m N	Cuttings	1974	755857
T	408m SW	Unspecified Works	1969	683098
11	411m E	Cuttings	1967	653195
AL	417m N	Cuttings	1956	779212
AM	422m SE	Tan Yard	1851	671082



ID	Location	Land Use	Date	Group ID
T	422m SW	Unspecified Commercial/Industrial	1938	717169
T	422m SW	Unspecified Commercial/Industrial	1927	717169
T	422m SW	Unspecified Commercial/Industrial	1908	717169
AM	423m SE	Unspecified Commercial/Industrial	1956	720112
AM	423m SE	Unspecified Commercial/Industrial	1967	720112
AC	425m E	Railway Building	1956	702669
AN	425m NW	Refuse Heap	1956	736116
AO	425m E	Railway Sidings	1956	795283
12	426m NW	Refuse Heap	1909	656159
AM	429m SE	Railway Sidings	1851	791550
AM	431m E	Tannery	1938	716900
AM	431m E	Tannery	1928	716900
AL	432m N	Unspecified Pit	1938	675627
X	433m SE	Railway Building	1928	725838
AN	433m NW	Sand Pit	1938	674116
X	434m SE	Railway Building	1908	725838
AM	434m E	Unspecified Works	1983	776560
AM	434m E	Unspecified Works	1967	776560
AM	435m E	Tannery	1891	709233
AM	435m E	Tannery	1908	707977
AM	436m E	Tannery	1956	756580
AN	437m NW	Refuse Heap	1928	707395
AM	439m SE	Railway Sidings	1956	728210
AM	439m SE	Railway Sidings	1967	728210
AJ	439m NE	Unspecified Pit	1891	675351
AQ	440m E	Refuse Heap	1938	785758
AR	441m S	Police Station	1956	798182
AJ	443m NE	Chemical Works	1938	799356



ID	Location	Land Use	Date	Group ID
AQ	443m E	Refuse Heap	1928	784780
AR	443m S	Police Station	1938	777989
AR	443m S	Police Station	1928	777989
AO	444m E	Sawmill	1983	706237
AS	444m N	Unspecified Ground Workings	1983	660076
AQ	444m E	Refuse Heap	1956	742066
AJ	449m NE	Chemical Works	1956	707225
AQ	450m E	Cuttings	1967	653194
T	450m SW	Unspecified Tank	1980	773732
T	450m SW	Unspecified Tank	1974	773732
AT	450m E	Refuse Heap	1938	728107
AT	450m E	Refuse Heap	1928	728107
AT	450m E	Unspecified Ground Workings	1938	792062
AT	450m E	Unspecified Ground Workings	1928	792062
AU	452m S	Pump House	1938	791167
AU	452m S	Pump House	1927	791167
AT	454m E	Refuse Heap	1956	714878
AU	456m SW	Unspecified Works	1980	741358
AV	457m SW	Unspecified Ground Workings	1890	660814
AJ	459m NE	Unspecified Works	1967	683295
AW	460m N	Unspecified Ground Workings	1956	801563
AX	461m SW	Unspecified Commercial/Industrial	1890	670437
AJ	462m NE	Unspecified Pit	1938	675347
14	464m E	Unspecified Ground Workings	1908	660646
AW	467m N	Unspecified Ground Workings	1983	777228
AW	467m N	Unspecified Ground Workings	1967	777228
AS	469m N	Unspecified Works	1983	683153
AJ	469m NE	Chemical Works	1928	712628



ID	Location	Land Use	Date	Group ID
AJ	469m NE	Chemical Works	1908	712628
AR	470m S	Police Station	1969	715771
AR	470m S	Police Station	1974	715771
AJ	470m NE	Iron Foundry	1891	705143
AY	471m SE	Railway Sidings	1967	735837
AY	472m SE	Railway Building	1851	703025
AX	473m SW	Unspecified Works	1908	683097
AY	473m SE	Railway Sidings	1983	735837
AY	474m SE	Railway Sidings	1956	707221
AY	475m SE	Railway Station	1956	764347
AY	475m SE	Railway Station	1938	802518
AY	475m SE	Railway Station	1928	802518
AY	475m SE	Railway Station	1908	802518
AU	476m S	Unspecified Mill	1956	719858
AU	477m SW	Unspecified Works	1974	792189
AU	477m S	Unspecified Mills	1969	770702
AY	478m SE	Railway Sidings	1851	790382
AU	481m S	Unspecified Mill	1938	767047
AU	481m S	Unspecified Mill	1927	767047
AU	481m S	Unspecified Mill	1908	767047
AU	481m S	Unspecified Commercial/Industrial	1890	670429
AO	482m NE	Railway Building	1956	702668
AO	482m NE	Unspecified Mill	1967	770584
15	484m NE	Colliery	1851	690211
AU	485m SW	Unspecified Tank	1927	773046
AY	487m SE	Railway Station	1967	721006
AY	489m SE	Railway Sidings	1851	705807
AY	489m SE	Railway Station	1891	768962



ID	Location	Land Use	Date	Group ID
AY	490m SE	Railway Station	1851	764820
AX	491m SW	Refuse Heap	1980	775729
AX	491m SW	Refuse Heap	1974	775729
AU	491m SW	Unspecified Mill	1850	785015
AY	492m SE	Railway Station	1983	767625
AO	494m NE	Unspecified Mill	1891	769144
16	497m NE	Corporation Yard	1938	784863
BB	497m NE	Corporation Yard	1928	755197
BB	497m NE	Corporation Yard	1908	755197
17	497m E	Refuse Heap	1908	733930
AQ	499m E	Refuse Heap	1938	774427
18	499m NE	Unspecified Heap	1938	688843
AQ	499m E	Refuse Heap	1956	774427
AM	500m E	Unspecified Ground Workings	1938	712902
AM	500m E	Unspecified Ground Workings	1928	712902

This data is sourced from Ordnance Survey® / Groundsure.

2.2 Historical tanks

Records within 500m

135

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 31](#) >

ID	Location	Land Use	Date	Group ID
D	On site	Tanks	1910	82661
D	On site	Settling Tanks	1930	91625
D	On site	Settling Tanks	1937	91625
F	20m SE	Unspecified Tank	1891	98435
F	20m SE	Unspecified Tank	1891	98435



ID	Location	Land Use	Date	Group ID
B	25m W	Unspecified Tank	1992	101933
B	25m W	Unspecified Tank	1988	92822
B	25m W	Unspecified Tank	1989	92822
F	63m SE	Unspecified Tank	1891	96777
F	63m SE	Unspecified Tank	1891	96777
F	82m SE	Settling Tanks	1930	105349
F	83m SE	Settling Tanks	1937	105349
H	88m SW	Unspecified Tank	1891	90575
F	108m SE	Tanks	1930	96352
F	108m SE	Tanks	1937	96352
H	109m SW	Tanks	1930	103812
H	109m SW	Tanks	1937	103812
H	109m SW	Tanks	1930	103812
L	148m SE	Unspecified Tank	1910	95244
L	148m SE	Unspecified Tank	1930	95244
L	148m SE	Unspecified Tank	1937	95244
N	150m E	Unspecified Tank	1939	90381
L	152m SE	Unspecified Tank	1959	93076
L	152m SE	Unspecified Tank	1960	93096
H	152m W	Tanks	1891	82664
N	159m E	Unspecified Tank	1960	98662
N	159m E	Unspecified Tank	1959	98662
M	195m SW	Unspecified Tank	1890	90559
6	210m SE	Tanks	1891	82666
S	236m S	Tanks	1891	82667
S	241m S	Tanks	1891	82668
8	247m S	Unspecified Tank	1891	90573
R	269m E	Tanks	1930	94250



ID	Location	Land Use	Date	Group ID
R	269m E	Tanks	1937	94250
R	276m E	Tanks	1930	101178
R	276m E	Tanks	1937	101178
P	295m N	Unspecified Tank	1958	90577
9	314m SE	Unspecified Tank	1937	90576
T	333m SW	Gas Works	1970	99762
T	334m SW	Gas Holder Station	1982	103971
T	334m SW	Gas Works	1969	96231
AF	334m N	Unspecified Tank	1981	105265
AF	334m N	Unspecified Tank	1987	99588
T	349m SW	Gas Holder Station	1995	93987
T	349m SW	Gas Holder Station	1992	93987
T	350m W	Unspecified Tank	1891	93571
T	350m W	Unspecified Tank	1890	93571
R	351m E	Unspecified Tank	1937	90403
T	355m SW	Gasholder Station	1985	94446
T	355m SW	Gasholder Station	1985	94446
T	363m SW	Gasometers	1970	106192
T	363m SW	Tanks	1958	104546
T	363m SW	Tanks	1978	104194
T	363m SW	Gas Holder	1982	106132
T	363m SW	Unspecified Tank	1957	102279
T	363m SW	Gasometer	1969	92033
T	364m SW	Gas Holder	1995	105785
T	364m SW	Gas Holder	1992	105785
AA	367m NE	Unspecified Tank	1983	90382
T	371m SW	Gasometers	1890	106192
T	371m SW	Tanks	1910	97624



ID	Location	Land Use	Date	Group ID
T	371m SW	Tanks	1930	97624
T	371m SW	Tanks	1939	97624
T	372m SW	Gasometer	1891	102849
T	372m SW	Gas Holder Station	1995	93987
T	372m SW	Gas Holder Station	1995	93987
T	377m SW	Gasholders	1985	108257
T	377m SW	Gasholders	1985	108257
T	377m SW	Gas Holders	1995	99940
T	377m SW	Gas Holders	1995	99940
T	377m SW	Unspecified Tank	1975	91668
T	377m SW	Unspecified Tank	1957	102279
Z	379m SE	Unspecified Tank	1891	90574
AJ	381m NE	Unspecified Tank	1939	90385
T	381m SW	Unspecified Tank	1970	107465
T	381m SW	Unspecified Tank	1958	100213
T	382m SW	Unspecified Tank	1982	105849
T	382m SW	Unspecified Tank	1957	105643
T	382m SW	Unspecified Tank	1969	105643
T	383m SW	Unspecified Tank	1995	107700
T	383m SW	Unspecified Tank	1992	107700
T	384m SW	Unspecified Tank	1970	90570
T	392m SW	Tanks	1957	92136
T	392m SW	Unspecified Tank	1975	90556
T	392m SW	Unspecified Tank	1890	99745
T	392m SW	Unspecified Tank	1910	105087
T	394m SW	Tanks	1930	82662
T	400m SW	Unspecified Tank	1910	99559
T	400m SW	Unspecified Tank	1939	101888



ID	Location	Land Use	Date	Group ID
T	401m SW	Gasometer	1891	83907
T	403m SW	Gas Works	1891	102337
T	403m SW	Unspecified Tank	1970	90565
AJ	404m NE	Unspecified Tank	1992	106320
AJ	405m NE	Unspecified Tank	1982	104792
AJ	405m NE	Unspecified Tank	1982	104792
T	411m SW	Unspecified Tank	1957	99416
T	412m SW	Unspecified Tank	1958	95247
T	412m SW	Unspecified Tank	1970	94905
T	413m SW	Unspecified Tank	1982	94669
T	413m SW	Unspecified Tank	1969	96387
T	413m SW	Unspecified Tank	1978	94669
T	415m SW	Unspecified Tank	1995	92905
T	415m SW	Unspecified Tank	1992	92905
T	417m SW	Gasometer	1891	83746
T	418m SW	Gasholder Station	1975	100261
T	420m SW	Unspecified Tank	1891	90571
T	424m SW	Gas Works	1910	83288
AG	443m SW	Unspecified Tank	1957	90557
T	445m SW	Unspecified Tank	1970	90563
AG	450m SW	Unspecified Tank	1890	90560
AM	452m SE	Tanks	1910	107149
AM	452m SE	Tanks	1910	107149
T	453m SW	Unspecified Tank	1939	90555
AU	455m S	Unspecified Tank	1982	105353
T	455m SW	Tanks	1939	82663
T	456m SW	Unspecified Tank	1970	90566
AU	457m S	Unspecified Tank	1995	93470



ID	Location	Land Use	Date	Group ID
AU	457m S	Unspecified Tank	1992	93470
T	457m SW	Gasholder	1975	82994
AM	458m SE	Unspecified Tank	1910	94725
AM	458m SE	Unspecified Tank	1910	94725
AM	468m SE	Unspecified Tank	1937	90392
AJ	469m NE	Unspecified Tank	1992	96508
AJ	470m NE	Unspecified Tank	1982	96508
AJ	470m NE	Unspecified Tank	1982	96508
T	471m SW	Tanks	1930	101839
T	476m SW	Tanks	1939	101839
AU	477m S	Unspecified Tank	1982	98108
AU	478m S	Unspecified Tank	1995	98108
AU	478m S	Unspecified Tank	1992	98108
AV	481m SW	Unspecified Tank	1890	90558
T	493m SW	Unspecified Tank	1970	91859
T	494m SW	Unspecified Tank	1975	91859
AM	500m SE	Tanks	1978	92564
AM	500m SE	Tanks	1978	92564

This data is sourced from Ordnance Survey® / Groundsure.

2.3 Historical energy features

Records within 500m

80

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 31](#) >

ID	Location	Land Use	Date	Group ID
E	On site	Electricity Substation	1982	55291
E	On site	Electricity Substation	1987	55291



ID	Location	Land Use	Date	Group ID
E	On site	Electricity Substation	1987	55291
B	3m NE	Electricity Substation	1992	52561
B	4m NE	Electricity Substation	1989	52561
L	151m SE	Electricity Substation	1978	58033
L	151m SE	Electricity Substation	1982	58033
L	151m SE	Electricity Substation	1969	58033
L	151m SE	Electricity Substation	1995	58033
L	151m SE	Electricity Substation	1992	58033
L	152m SE	Electricity Substation	1970	58033
4	183m NE	Electricity Substation	1992	48884
M	203m SW	Electricity Substation	1970	52771
M	204m SW	Electricity Substation	1982	52771
M	204m SW	Electricity Substation	1969	52771
M	204m SW	Electricity Substation	1978	52771
5	210m SW	Electricity Substation	1982	47346
O	231m W	Electricity Substation	1992	63297
O	232m W	Electricity Substation	1982	63297
O	232m W	Electricity Substation	1987	63297
O	232m W	Electricity Substation	1987	63297
O	232m W	Electricity Substation	1988	63297
O	232m W	Electricity Substation	1989	63297
R	279m E	Electricity Substation	1998	57991
R	279m E	Electricity Substation	1983	57991
Y	287m NW	Electricity Substation	1992	62406
Y	287m NW	Electricity Substation	1983	54901
Y	288m NW	Electricity Substation	1981	53189
Y	288m NW	Electricity Substation	1987	62406
R	288m E	Electricity Substation	1983	56256



ID	Location	Land Use	Date	Group ID
R	288m E	Electricity Substation	1998	56256
V	293m SE	Electricity Substation	1998	55056
V	293m SE	Electricity Substation	1983	55056
R	304m E	Electricity Substation	1983	47876
AA	314m NE	Electricity Substation	1998	55300
AA	315m NE	Electricity Substation	1983	55300
T	333m SW	Gas Works	1970	62061
T	334m SW	Gas Holder Station	1982	51447
T	334m SW	Gas Works	1969	51930
T	342m SW	Corporation Gas Works	1891	57913
T	349m SW	Gas Holder Station	1995	51672
T	349m SW	Gas Holder Station	1992	51672
T	355m SW	Gasholder Station	1985	52353
T	355m SW	Gasholder Station	1985	52353
T	358m SW	Corporation Gas Works	1890	64352
T	363m SW	Gasometers	1970	63045
T	363m SW	Electricity Substation	1975	54813
T	363m SW	Electricity Substation	1985	54813
T	363m SW	Electricity Substation	1985	54813
T	363m SW	Gas Holder	1982	50392
T	363m SW	Gasometer	1969	57593
T	364m SW	Gas Holder	1995	61240
T	364m SW	Gas Holder	1992	61240
AA	367m NE	Electricity Substation	1998	48883
T	371m SW	Gasometers	1890	63045
T	372m SW	Gasometer	1891	52721
T	372m SW	Gas Holder Station	1995	51672
T	372m SW	Gas Holder Station	1995	51672



ID	Location	Land Use	Date	Group ID
T	377m SW	Gasholders	1985	58287
T	377m SW	Gasholders	1985	58287
T	377m SW	Gas Holders	1995	56627
T	377m SW	Gas Holders	1995	56627
T	401m SW	Gasometer	1891	49727
T	403m SW	Gas Works	1891	55814
T	417m SW	Gasometer	1891	49714
T	418m SW	Gasholder Station	1975	57045
T	424m SW	Corporation Gas Works	1891	62030
T	424m SW	Gas Works	1910	49584
T	424m SW	Corporation Gas Works	1890	62030
AP	426m N	Electricity Substation	1992	50342
AP	426m N	Electricity Substation	1983	56542
AP	426m N	Electricity Substation	1981	55252
AP	426m N	Electricity Substation	1987	50342
13	437m E	Electricity Substation	1998	48882
T	457m SW	Gasholder	1975	49416
AM	463m E	Electricity Substation	1998	59015
AM	463m E	Electricity Substation	1983	59015
BA	475m SE	Electricity Substation	1984	54505
BA	475m SE	Electricity Substation	1973	57586
BA	476m SE	Electricity Substation	1992	54505

This data is sourced from Ordnance Survey® / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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'.



This data is sourced from Ordnance Survey® / Groundsure.

2.5 Historical garages

Records within 500m

20

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'.

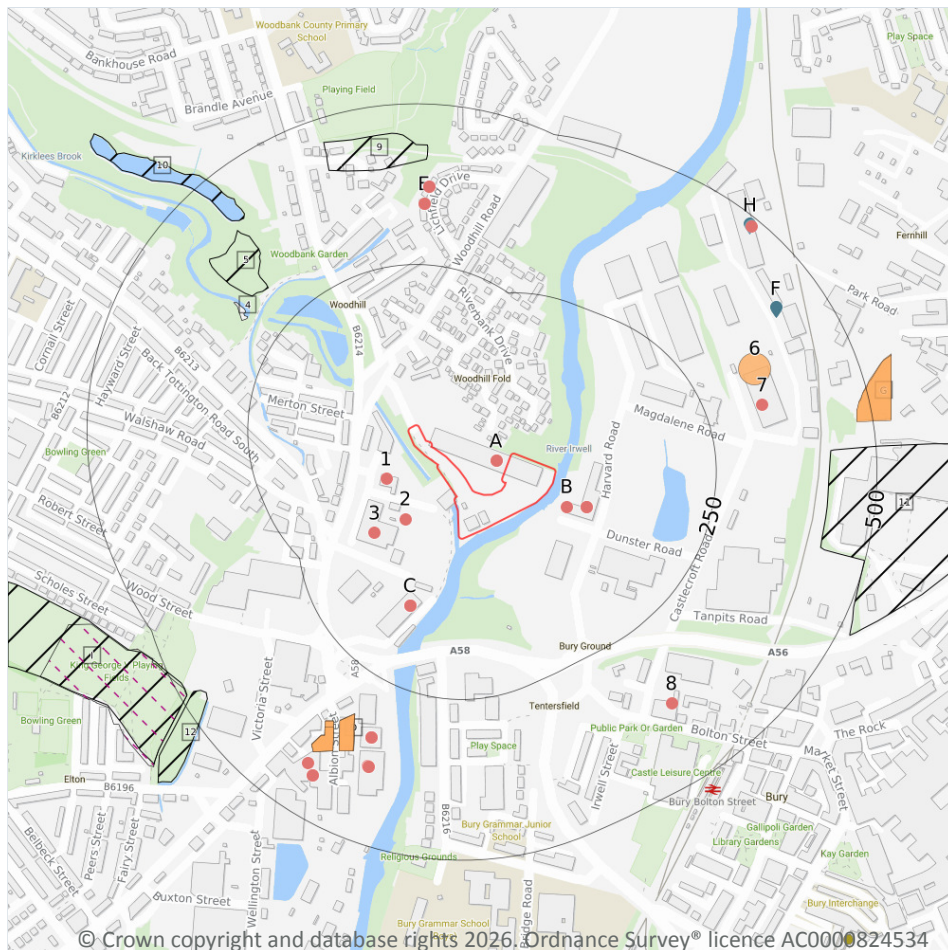
Features are displayed on the Past land use - un-grouped map on [page 31](#) >

ID	Location	Land Use	Date	Group ID
H	113m W	Garage	1989	21576
H	150m W	Garage	1992	21576
Q	211m S	Garage	1995	17747
Q	211m S	Garage	1992	17747
S	247m S	Garage	1978	21184
S	247m S	Garage	1957	21531
S	276m S	Garage	1970	20870
S	276m S	Garage	1958	18313
S	278m S	Garage	1969	16536
X	282m SE	Garage	1960	18735
X	286m SE	Garage	1959	18735
X	287m SE	Garage	1959	18516
X	293m SE	Garage	1957	19413
X	307m SE	Garage	1978	21308
X	307m SE	Garage	1978	21308
X	309m SE	Garage	1992	20457
X	311m SE	Garage	1984	19031
X	311m SE	Garage	1973	21493
AZ	474m SW	Garage	1982	17595
AZ	475m SW	Garage	1978	18720

This data is sourced from Ordnance Survey® / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical landfill (LA/OS)
- 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

2

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

Features are displayed on the Waste and landfill map on [page 52 >](#)

ID	Location	Site address	Source	Data type
4	305m NW	Refuse Tip	1995 mapping	Polygon
I	489m SW	Refuse Tip	1974 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

6

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 52 >](#)

ID	Location	Details		
5	310m NW	Site Address: Woolfold Paper Mills, Tottington, Bury Licence Holder Address: -	Waste Licence: Yes Site Reference: C005b, RD/LIC/080/77,0226 Waste Type: Inert, Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 06/11/1979 Licence Surrender: -	Operator: - Licence Holder: Olive's Paper Mill Company Limited First Recorded 31/12/1950 Last Recorded: 02/04/1986
9	401m N	Site Address: Land South of Cricket Ground, Woolfold, Bury Licence Holder Address: -	Waste Licence: - Site Reference: WML/0451 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -



ID	Location	Details		
10	416m NW	Site Address: Woolfold paper Mills, Tottington Road, Bury Licence Holder Address: -	Waste Licence: Yes Site Reference: 0226, RD/LIC/080/77 Waste Type: Inert, Industrial, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 06/11/1979 Licence Surrender: -	Operator: - Licence Holder: Olive's Paper Mill Company Limited First Recorded 31/12/1950 Last Recorded: 02/04/1986
11	425m E	Site Address: Woodfields, Bury, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: C079 Waste Type: Industrial, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: County Borough of Bury Cleansing Department Licence Holder: - First Recorded 31/10/1971 Last Recorded: -
12	462m SW	Site Address: Ainsworth Road, Gasworks, off Ainsworth Road, Bury Licence Holder Address: British Gas Corporation, North West Region	Waste Licence: Yes Site Reference: RD/LIC/158/78, C001 Waste Type: Inert Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/12/1978 Licence Surrender: -	Operator: - Licence Holder: P R Smith First Recorded 31/12/1976 Last Recorded: 31/12/1990
I	488m SW	Site Address: King George V Playing Fields, Elton, Bury, Greater Manchester Licence Holder Address: -	Waste Licence: Yes Site Reference: C050 Waste Type: Inert, Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 01/01/1974 Licence Surrender: -	Operator: County Borough of Bury Cleansing Department Licence Holder: Bury Metropolitan Borough Council First Recorded 31/12/1967 Last Recorded: 01/06/1974

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

3.5 Historical waste sites

Records within 500m

9

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 52 >](#)



ID	Location	Address	Further Details	Date
D	318m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1970
D	319m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1969
D	319m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1978
6	323m NE	Site Address: Peel,Mills, Waste Transfer Station, Chamberhall Street, BURY, Greater Manchester, BL9 0	Type of Site: Waste Transfer Station (Extn) Planning application reference: 35270 Description: Extension to waste transfer station. Change of access and new 2.3m High palisade fencing. Earth bund. An application (ref: 35270) for Detailed Planning permission was submitted to Bury M.B.C. on 29th March 1999. Data source: Historic Planning Application Data Type: Point	-
D	345m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1970
D	346m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1978
D	354m SW	Site Address: N/A	Type of Site: Scrap Metal Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1969
G	475m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1983



ID	Location	Address	Further Details	Date
G	475m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1998

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

3.6 Licensed waste sites

Records within 500m	3
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on [page 52 >](#)

ID	Location	Details		
F	424m NE	Site Name: B Deardon Transfer Station Site Address: Peel Mills, Gordon Street, Bury, Lancashire, BL9 0LS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BDE001 EPR reference: EA/EPR/XP3996CY/A001 Operator: Dearden Bernard Waste Management licence No: 53713 Annual Tonnage: 520	Issue Date: 15/09/1994 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	424m NE	Site Name: B Deardon Transfer Station Site Address: Peel Mills, Gordon Street, Bury, Lancashire, BL9 0LS Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 666679 EPR reference: EA/EPR/XP3996CY Operator: Bernard Dearden Waste Management licence No: 53713 Annual Tonnage: 520	Issue Date: 15/09/1994 Effective Date: 15/09/1994 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
H	486m NE	Site Name: J & M Plant & Skip Hire Site Address: Fernhill Works, Park Road, Fernhill, Bury, Lancashire, BL9 5BQ Correspondence Address: Gorse Hill Farm, Starling Road, Ainsworth, Bury, Lancashire, BL8 2HJ	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JMP001 EPR reference: - Operator: Ford Martyn Waste Management licence No: 50053 Annual Tonnage: 2083.3	Issue Date: 28/09/2001 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	29
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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 52 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	19m W	Unit 3 Irwell Works Lower Woodhill Road Bury Lancashire BL8 1aa	EPR/LF0000UZ /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
A	19m W	Unit 3 Irwell Works Lower Woodhill Road Bury Lancashire BL8 1aa	EPR/LF0000UZ /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
B	38m SE	Dgs Ltd., Lgc Standards, Chamberhall Business Park, Bury., BL9 0ap	WEX125635	Using waste exemption	Not on a farm	Use of waste in construction
B	64m SE	Proposed Mkm Builders Merchants, Land Off Harvard Way, Bury, BL9 0ap	WEX294825	Treating waste exemption	Not on a farm	Screening and blending of waste
B	64m SE	Proposed Mkm Builders Merchants, Land Off Harvard Way, Bury, BL9 0ap	WEX294825	Using waste exemption	Not on a farm	Use of waste in construction
1	69m SW	Veolia, Webb Street, Bury, BL8 1af	WEX320602	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
2	82m W	Veolia, Webb Street, Bury, BL8 1af	WEX185408	Storing waste exemption	Not on a farm	Storage of waste in a secure place
3	131m W	Webb Street, Bury, BL8 1af	WEX247201	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	132m SW	-	WEX263043	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	132m SW	-	WEX263043	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
C	132m SW	Irwell Works, Unit 3, Lower Woodhill Road, Bury, BL8 1aa	WEX121449	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	132m SW	Irwell Works, Unit 3, Lower Woodhill Road, Bury, BL8 1aa	WEX121449	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
7	337m E	Former Cotton Mill, Gordon Street, Bury, BL9 0ju	WEX025830	Using waste exemption	Not on a farm	Use of waste in construction
D	340m SW	Unit 4-5, Bridge Trading Estate, Bolton Road, Bury, BL8 2aq	WEX153843	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	340m SW	Unit 4-5, Bridge Trading Estate, Bolton Road, Bury, BL8 2aq	WEX153843	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	340m SW	Unit 4-5, Bridge Trading Estate, Bolton Road, Bury, BL8 2aq	WEX293444	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	340m SW	Unit 4-5, Bridge Trading Estate, Bolton Road, Bury, BL8 2aq	WEX293445	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	344m N	29, Lichfield Drive, Bury, BL8 1bj	WEX216820	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
E	344m N	29, Lichfield Drive, Bury, BL8 1bj	WEX216820	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	371m N	29 Lichfield Drive Bury Bury BL8 1bj	EPR/NF0702FA /A001	Treating waste exemption	Non-agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising

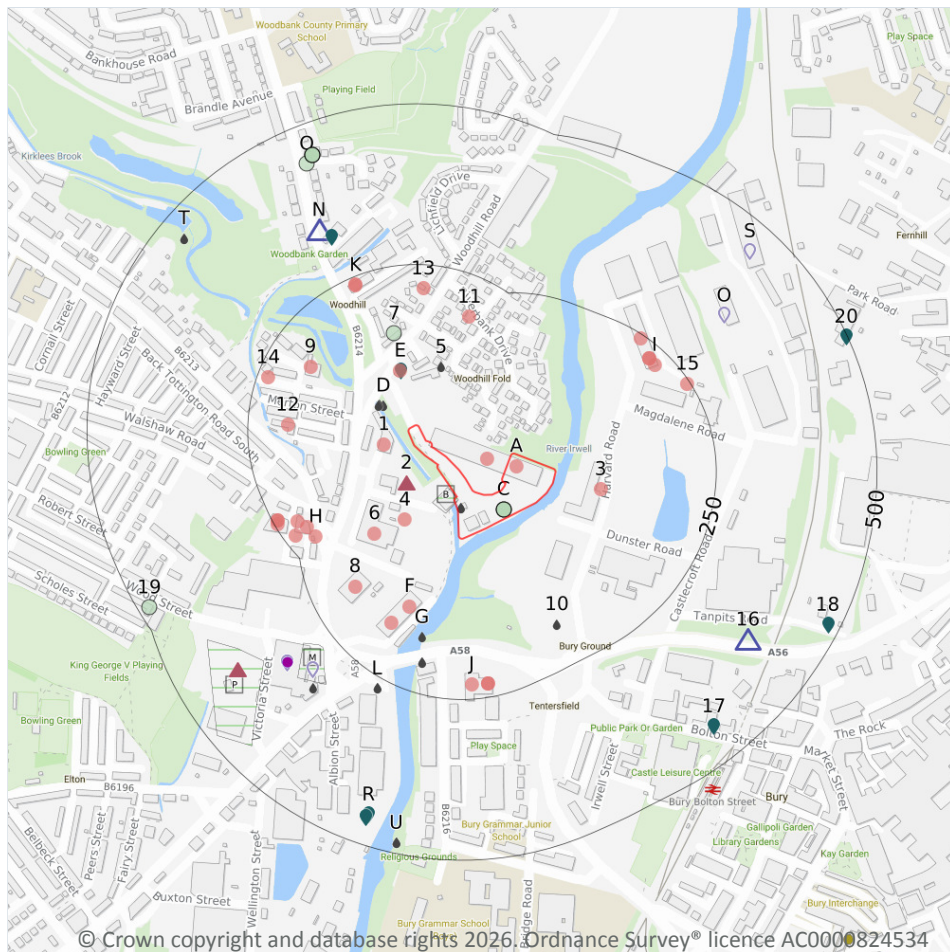


ID	Location	Site	Reference	Category	Sub-Category	Description
E	371m N	29 Lichfield Drive Bury Bury BL8 1bj	EPR/NF0702FA /A001	Using waste exemption	Non- agricultura l waste only	Burning of waste as a fuel in a small appliance
8	377m SE	Chamberhall Pond, Off Castlecroft Road And Magdalne Road, Land Opposite Dunster Road, Bury, BL9 0ln	WEX170518	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	383m S	Bridge Trading Estate Unit 4-5 Bolton Road Bury Lancashire BL8 2aq	EPR/YH0174SY /A001	Using waste exemption	Non- agricultura l waste only	Use of waste in construction
D	384m S	Bridge Trading Estate Unit 4-5 Bolton Road Bury Lancashire BL8 2aq	EPR/BF0604N V/A001	Storing waste exemption	Non- agricultura l waste only	Storage of waste in a secure place
D	384m S	Bridge Trading Estate Unit 4-5 Bolton Road Bury Lancashire BL8 2aq	EPR/BF0604N V/A001	Treating waste exemption	Non- agricultura l waste only	Preparatory treatments (baling, sorting, shredding etc)
D	423m SW	Albion Mill Albion Street Bury Lancashire BL8 2ae	EPR/GE5247Z N/A001	Disposing of waste exemption	Non- agricultura l waste only	Burning waste in the open
D	435m SW	Albion Mill, Albion Street, Bury, BL8 2ae	WEX137399	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	435m SW	Albion Mill, Albion Street, Bury, BL8 2ae	WEX276956	Disposing of waste exemption	Not on a farm	Burning waste in the open
H	486m NE	Units 29, 30, 31, Peel Industrial Estate, Bury, Gtr Manchester, BL9 0lu	EA/EPR/VP378 4TL/A001	Treating waste exemption	Non- agricultura l waste only	Repair or refurbishment of WEEE

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
- ⬮ Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m

32

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 60 >](#)

ID	Location	Company	Address	Activity	Category
A	On site	Works	Greater Manchester, BL8	Unspecified Works Or Factories	Industrial Features
A	33m W	Works	Greater Manchester, BL8	Unspecified Works Or Factories	Industrial Features
1	43m SW	Paint Tec & A W R	Revers Street, Bury, Greater Manchester, BL8 1AQ	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
3	74m E	Electricity Sub Station	Greater Manchester, BL9	Electrical Features	Infrastructure and Facilities
4	83m W	Tygas Ltd	Webb Street, Bury, Greater Manchester, BL8 1AF	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
E	88m N	Cheetham Hill Construction Ltd	Lower Woodhill Road, Bury, Greater Manchester, BL8 1AR	Civil Engineers	Engineering Services
6	131m W	Safestore Ltd	Selfstore, Back Crostons Road, Bury, Greater Manchester, BL8 1AF	Container and Storage	Transport, Storage and Delivery
F	132m SW	Apollo Pharma Ltd	Unit 1, Irwell Works, Lower Woodhill Road, Bury, Greater Manchester, BL8 1AA	Medical Equipment, Supplies and Pharmaceuticals	Industrial Products
F	169m SW	Evans Halshaw Ford Bury	Crostons Road, Bury, Greater Manchester, BL8 1AA	New Vehicles	Motoring
8	179m SW	Perrys Bury Peugeot Commercial s	Crostons Road, Bury, Greater Manchester, BL8 1AJ	New Vehicles	Motoring
9	182m NW	Apollo Autobodies Ltd	Merton Street, Bury, Greater Manchester, BL8 1AW	Vehicle Repair, Testing and Servicing	Repair and Servicing
11	187m NE	Electricity Sub Station	Greater Manchester, BL8	Electrical Features	Infrastructure and Facilities
12	188m W	North Manchester Stair Company	The Workshops, Hulme Street, Bury, Greater Manchester, BL8 1AN	Access Equipment	Industrial Products
H	209m SW	Electricity Sub Station	Greater Manchester, BL8	Electrical Features	Infrastructure and Facilities
H	209m SW	Lancashire Home Interiors	112, Victoria Street, Bury, Greater Manchester, BL8 1LB	Furniture	Consumer Products
13	213m N	S Brown	2, Ely Drive, Bury, Greater Manchester, BL8 1BH	Industrial Repairs and Servicing	Repair and Servicing
H	216m SW	Factory	Greater Manchester, BL8	Unspecified Works Or Factories	Industrial Features
I	225m NE	Burgaflex	Chamberhall Business Park, Harvard Road, Bury, Greater Manchester, BL9 0FU	Vehicle Repair, Testing and Servicing	Repair and Servicing



ID	Location	Company	Address	Activity	Category
I	226m NE	Motion Industries UK Ltd	Unit1 Block A Chamberhall Business Park, Harvard Road, Bury, Greater Manchester, BL9 0FU	Bearing, Gear and Drive Elements	Industrial Products
I	226m NE	Spot Promotions	Chamberhall Business Park, Harvard Road, Bury, Greater Manchester, BL9 0FU	Radar and Telecommunications Equipment	Industrial Products
J	227m S	R R G Toyota Bury	Rrg Bury 1, Bolton Street, Bury, Greater Manchester, BL9 0EY	New Vehicles	Motoring
J	229m S	R R G Bury (Toyota and Nissan)	Rrg Bury 1, Bolton Street, Bury, Greater Manchester, BL9 0EY	New Vehicles	Motoring
J	229m S	R R G Nissan Bury	Rrg Bury 1, Bolton Street, Bury, Greater Manchester, BL9 0EY	New Vehicles	Motoring
H	232m SW	Works	Greater Manchester, BL8	Unspecified Works Or Factories	Industrial Features
14	233m W	Electricity Sub Station	Greater Manchester, BL8	Electrical Features	Infrastructure and Facilities
K	237m NW	Naphtha Plastics Ltd	Alfred Works, Woodhill Street, Bury, Greater Manchester, BL8 1AT	Rubber, Silicones and Plastics	Industrial Products
K	238m NW	C K Plastics Ltd	Alfred Works, Woodhill Street, Bury, Greater Manchester, BL8 1AT	Construction Completion Services	Construction Services
H	243m SW	Bury Metal Polishing Ltd	Victoria Street, Bury, Greater Manchester, BL8 1LE	Industrial Coatings and Finishings	Industrial Products
H	243m SW	Aftermath Autobodies Ltd	Victoria Street, Bury, Greater Manchester, BL8 1LE	Vehicle Repair, Testing and Servicing	Repair and Servicing
I	244m NE	Bollin Valley	Unit 3 Block A Chamberhall Business Park, Harvard Road, Bury, Greater Manchester, BL9 0FU	Food and Beverage Industry Machinery	Industrial Products
15	246m NE	Electricity Sub Station	Greater Manchester, BL9	Electrical Features	Infrastructure and Facilities
H	246m SW	Works	Greater Manchester, BL8	Unspecified Works Or Factories	Industrial Features

This data is sourced from Ordnance Survey®.



4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m

0

Current or recent tanks identified from the Ordnance Survey® NGD.

This data is sourced from Ordnance Survey®.

4.3 Current or recent petrol stations

Records within 500m

2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 60](#) >

ID	Location	Company	Address	LPG	Status
N	339m NW	EG ON THE MOVE	124, Brandlesholme Road, Bury, Greater Manchester, BL8 1AU	No	Open
16	387m SE	OBSOLETE	Castlecroft Road, Bury, Greater Manchester, BL9 0LN	Not Applicable	Obsolete

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 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.



4.7 Control of Major Accident Hazards (COMAH)

Records within 500m

3

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 60 >](#)

ID	Location	Company	Address	Operational status	Tier
B	On site	T W Tyson	T W Tyson, Calor House, Webb Street, Bury, BL8 1AF	Historical NIHHS Site	-
M	273m SW	Vecom Sillivan Metal Treatment Limited	Vecom Sillivan Metal Treatment Limited, Bury, Sillivan Works, Wood Street, Bury, Lancashire, BL8 2SL	Historical COMAH Site	COMAH Lower Tier Operator
P	360m SW	British Gas	British Gas, Victoria Street, Bury	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.8 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.

4.9 Hazardous substance storage/usage

Records within 500m

2

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 60 >](#)



ID	Location	Details	
2	51m SW	Application reference number: 85/16852 Application status: Approved Application date: 06/03/1985 Address: T W Tyson, Webb Street, Bury, Lancashire, England, BL8 1AF	Details: Change of use; depot to wholesale and retail sales of engineers supplies; storage of liquefied petroleum gas Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
P	402m SW	Application reference number: 36453 Application status: Approved Application date: 06/04/2000 Address: National Grid Gas Plc, Bury Holder Station, Victoria Street, Bury, Greater Manchester, England, BL8 2SL	Details: Continuation of hazardous substance consent following a change in control of part of the site Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m

0

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.

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

4.11 Licensed industrial activities (Part A(1))

Records within 500m

13

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 60 >](#)

ID	Location	Details	
M	307m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: ASSOCIATED PROCESS Permit Number: CP3333JG Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 27/11/2017 Effective Date: 27/11/2017 Last date noted as effective: 21/03/2023 Status: Superseded

ID	Location	Details	
M	307m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: CP3333JG Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 27/11/2017 Effective Date: 27/11/2017 Last date noted as effective: 21/03/2023 Status: Superseded
M	307m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: CP3333JG Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 27/11/2017 Effective Date: 27/11/2017 Last date noted as effective: 21/03/2023 Status: Superseded
M	332m SW	Operator: VECOM SILLAVAN METAL TREATMENT LIMITED Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: ASSOCIATED PROCESS Permit Number: UP3738ZF Original Permit Number: UP3738ZF	EPR Reference: EPR/UP3738ZF Issue Date: 01/10/2013 Effective Date: 14/01/2021 Last date noted as effective: 07/01/2026 Status: Effective
M	332m SW	Operator: VECOM SILLAVAN METAL TREATMENT LIMITED Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: UP3738ZF Original Permit Number: UP3738ZF	EPR Reference: EPR/UP3738ZF Issue Date: 01/10/2013 Effective Date: 14/01/2021 Last date noted as effective: 07/01/2026 Status: Effective
M	332m SW	Operator: VECOM SILLAVAN METAL TREATMENT LIMITED Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: UP3738ZF Original Permit Number: UP3738ZF	EPR Reference: EPR/UP3738ZF Issue Date: 01/10/2013 Effective Date: 14/01/2021 Last date noted as effective: 07/01/2026 Status: Effective
M	332m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: ASSOCIATED PROCESS Permit Number: XP3609SM Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 14/01/2021 Effective Date: 14/01/2021 Last date noted as effective: 21/03/2023 Status: Effective



ID	Location	Details	
M	332m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: XP3609SM Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 14/01/2021 Effective Date: 14/01/2021 Last date noted as effective: 21/03/2023 Status: Effective
M	332m SW	Operator: Vecom Sillavan Metal Treatment Ltd Installation Name: Bury Metal Treatment Facility EPR/UP3738ZF Process: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M Permit Number: XP3609SM Original Permit Number: UP3738ZF	EPR Reference: - Issue Date: 14/01/2021 Effective Date: 14/01/2021 Last date noted as effective: 21/03/2023 Status: Effective
O	356m NE	Operator: BURY POWER LIMITED Installation Name: Chamberhall Street Process: TRANCHE B SG PERMITTING DATE 1ST JANUARY 2019 Permit Number: AP3031QS Original Permit Number: AP3031QS	EPR Reference: EPR/AP3031QS Issue Date: 03/04/2020 Effective Date: 03/04/2020 Last date noted as effective: 07/01/2026 Status: Effective
O	356m NE	Operator: BURY POWER LIMITED Installation Name: BURY POWER LIMITED Process: NEW MEDIUM COMBUSTION PLANT Permit Number: AP3031QS Original Permit Number: AP3031QS	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 15/05/2020 Status: DETERMINATION
S	455m NE	Operator: IRWELL POWER LIMITED Installation Name: Unit 28,29,30, Peel Mills Industrial Estate Process: TRANCHE B SG PERMITTING DATE 1ST JANUARY 2019 Permit Number: RP3931QZ Original Permit Number: RP3931QZ	EPR Reference: EPR/RP3931QZ Issue Date: 03/04/2020 Effective Date: 03/04/2020 Last date noted as effective: 07/01/2026 Status: Effective
S	455m NE	Operator: IRWELL POWER LIMITED Installation Name: IRWELL POWER LIMITED Process: NEW MEDIUM COMBUSTION PLANT Permit Number: RP3931QZ Original Permit Number: RP3931QZ	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 15/05/2020 Status: DETERMINATION

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



4.12 Licensed pollutant release (Part A(2)/B)

Records within 500m

8

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 60](#) >

ID	Location	Address	Details	
E	88m N	Cheetham Hill Construction, Crostons Road, BL8 1AR	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
N	321m NW	BP Prospect, 124-126 Brandlesholme Road, Bury, BL8 1AU	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
17	445m SE	Alenco Dry Cleaners, 44 Bolton Street, Bury, BL9 OLL	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
R	453m S	Quickmix Concrete, Bridge Trading Estate, Bolton Road, BL8 2AQ	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
R	459m S	RMC, Bolton Road, Bury, BL0 9NA	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
R	459m S	Cemex UK Materials Ltd, Bolton Road, Bury, BL0 9NA	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
18	481m SE	Beldam Asbestos Co Ltd, Lascar Wks, Tan Pits Lane, BL9 0LX	Process: Asbestos Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
20	498m NE	The Timber Center, Park Road, Fernhill, Bury, BL9 5BH	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.



4.13 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.

4.14 Licensed Discharges to controlled waters

Records within 500m

19

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 60](#) >

ID	Location	Address	Details	
B	On site	LOWER WOODHILL RD, BURY, LANCASHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0013 Permit Version: 2 Receiving Water: WOODHILL BROOK	Status: SURRENDERED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 14/07/2014
B	On site	LOWER WOODHILL RD, BURY, LANCASHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0013 Permit Version: 1 Receiving Water: WOODHILL BROOK	Status: VARIED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/09/2010
D	54m NW	WOODHILL ROAD CSO 092JP, WOODHILL ROAD, BURY, LANCASHIRE, BL8 1AR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0012 Permit Version: 2 Receiving Water: WOODHILL BROOK	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/02/2016
D	54m NW	WOODHILL ROAD CSO 092JP, WOODHILL ROAD, BURY, LANCASHIRE, BL8 1AR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0012 Permit Version: 1 Receiving Water: WOODHILL BROOK	Status: VARIED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 02/09/2010



ID	Location	Address	Details	
D	59m NW	WOODHILL ROAD CSO 092JP, WOODHILL ROAD, BURY, LANCASHIRE, BL8 1AR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0012 Permit Version: 3 Receiving Water: WOODHILL BROOK	Status: VARIED UNDER EPR 2010 Issue date: 05/02/2016 Effective Date: 05/02/2016 Revocation Date: 24/06/2018
D	60m NW	WOODHILL ROAD CSO 092JP, WOODHILL ROAD, BURY, LANCASHIRE, BL8 1AR	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0012 Permit Version: 4 Receiving Water: WOODHILL BROOK	Status: VARIED UNDER EPR 2010 Issue date: 25/06/2018 Effective Date: 25/06/2018 Revocation Date: -
5	98m N	RESIDENTIAL DEVELOPMENT, WOODHILL ROAD, BURY, GREATER MANCHESTER	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: 016991164 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: - Effective Date: 01/11/1994 Revocation Date: 01/11/1994
G	165m S	WOODFIELD CATCHMENT AREA, BURY, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016951239 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: - Effective Date: 05/02/1988 Revocation Date: 02/07/2016
10	183m SE	TANPITS ROAD CSO, HARVARD ROAD, BURY, LANCASHIRE, BL9 0NL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982617 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 09/07/2018 Effective Date: 09/07/2018 Revocation Date: -
G	203m S	WOODFIELD CATCHMENT AREA, BURY, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0088 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/07/1991 Revocation Date: 31/12/1994
G	203m S	WOODFIELD CATCHMENT AREA, BURY, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0088 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: SURRENDERED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 14/07/2014



ID	Location	Address	Details	
L	267m SW	BURY READYMIX PLANT, BRIDGE TRADING ESTATE, BURY/BOLTON ROAD, BURY, GREATER MANCHESTER, BL8 2AQ	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 0174/11 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: SURRENDERED UNDER EPR 2010 Issue date: 01/01/1995 Effective Date: 07/03/2019 Revocation Date: 03/03/2022
L	267m SW	BURY READYMIX PLANT, BRIDGE TRADING ESTATE, BURY/BOLTON ROAD, BURY, GREATER MANCHESTER, BL8 2AQ	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 0174/11 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 06/03/2019
M	328m SW	DORRON ROLLER LTD, 59 BOLTON ROAD, BURY, GREATER MANCHESTER	Effluent Type: TRADE DISCHARGES - COOLING WATER Permit Number: 016990338 Permit Version: 1 Receiving Water: ELTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 23/12/1981 Revocation Date: 20/09/1991
T	459m NW	WOOLFOLD PAPER MILL, WOOLFOLD, BURY, GREATER MANCHESTER	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990073 Permit Version: 2 Receiving Water: KIRKLEES BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/05/1981 Revocation Date: 19/06/1989
T	459m NW	WOOLFOLD PAPER MILL, WOOLFOLD, BURY, GREATER MANCHESTER	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: 016990073 Permit Version: 1 Receiving Water: KIRKLEES BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1980 Revocation Date: 30/04/1981
U	484m S	MARSDEN ST, BURY, GREATER MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0014 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 17/09/1992 Revocation Date: 01/01/1995
U	484m S	TANPITS ROAD CSO, HARVARD ROAD, BURY, LANCASHIRE, BL9 0NL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982617 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 30/09/1994 Revocation Date: 08/07/2018



ID	Location	Address	Details	
U	484m S	TANPITS ROAD CSO, HARVARD ROAD, BURY, LANCASHIRE, BL9 0NL	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01BRY0098 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: - Effective Date: 01/01/1995 Revocation Date: 01/01/1995

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

4.15 Pollutant release to surface waters (Red List)

Records within 500m	0
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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.

4.16 Pollutant release to public sewer

Records within 500m	0
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Discharges of Special Category Effluents to the public sewer.

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

4.17 List 1 Dangerous Substances

Records within 500m	0
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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.

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

4.18 List 2 Dangerous Substances

Records within 500m	0
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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.

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



4.19 Pollution Incidents (EA/NRW)

Records within 500m

9

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 60](#) >

ID	Location	Details	
C	On site	Incident Date: 29/04/2002 Incident Identification: 75468 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	On site	Incident Date: 29/04/2002 Incident Identification: 75468 Pollutant: Inert Materials and Wastes:Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes:Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	On site	Incident Date: 29/04/2002 Incident Identification: 75468 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
7	146m N	Incident Date: 31/03/2001 Incident Identification: 1256 Pollutant: Contaminated Water Pollutant Description: Other Contaminated Water	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Q	440m NW	Incident Date: 20/03/2001 Incident Identification: 569 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
Q	450m N	Incident Date: 07/05/2002 Incident Identification: 77045 Pollutant: Inert Materials and Wastes:Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes:Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
Q	450m N	Incident Date: 07/05/2002 Incident Identification: 77045 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
Q	450m N	Incident Date: 07/05/2002 Incident Identification: 77045 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
19	483m SW	Incident Date: 12/01/2003 Incident Identification: 130577 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.20 Pollution inventory substances

Records within 500m	1
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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 60 >](#)

ID: M, Location: 332m SW, Permit: UP3738ZF
 Operator: Vecom Sillavan Metal Treatment Ltd
 Activity: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M
 Address: Bury Metal Treatment Facility Wood Street Lancashire BL8 2SL
 Sector: Metals, Sub-sector: Surface Treatment
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	1000kg	Below Reporting Threshold
Wastewater	Cyanides - as CN	50kg	Below Reporting Threshold
Wastewater	Fluorides - as F	2000kg	Below Reporting Threshold
Wastewater	Nitrogen - as total N	50000kg	Below Reporting Threshold
Wastewater	Phosphorus - as total P	5000kg	Below Reporting Threshold
Wastewater	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Wastewater	Cadmium	1kg	Below Reporting Threshold
Wastewater	Chromium	20kg	Below Reporting Threshold
Wastewater	Copper	20kg	Below Reporting Threshold
Wastewater	Lead	20kg	Below Reporting Threshold
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	Below Reporting Threshold
Wastewater	Nickel	20kg	Below Reporting Threshold
Wastewater	Zinc	100kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold

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

4.21 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 60 >](#)

ID: M, Location: 332m SW, Permit: UP3738ZF
 Operator: Vecom Sillavan Metal Treatment Ltd
 Activity: SURFACE TREATING METALS AND PLASTICS; ELECTROLYTIC/CHEMICAL >30 CU M
 Address: Bury Metal Treatment Facility Wood Street Lancashire BL8 2SL
 Sector: Metals, Sub-sector: Surface Treatment
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	18.27	Absolute Value	20 03 01	mixed municipal waste	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	7.13	Absolute Value	20 01 01	paper and cardboard	No
D9	Physio-chemical treatment not specified elsewhere in this Table which results in final compounds or mixtures which are discarded by means of any of the operations numberes D1 to D12 (eg evaporation, drying, calcination, etc.)	8.76	Absolute Value	11 01 09	sludges and filter cakes containing dangerous substances	Yes

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

4.22 Pollution inventory radioactive waste

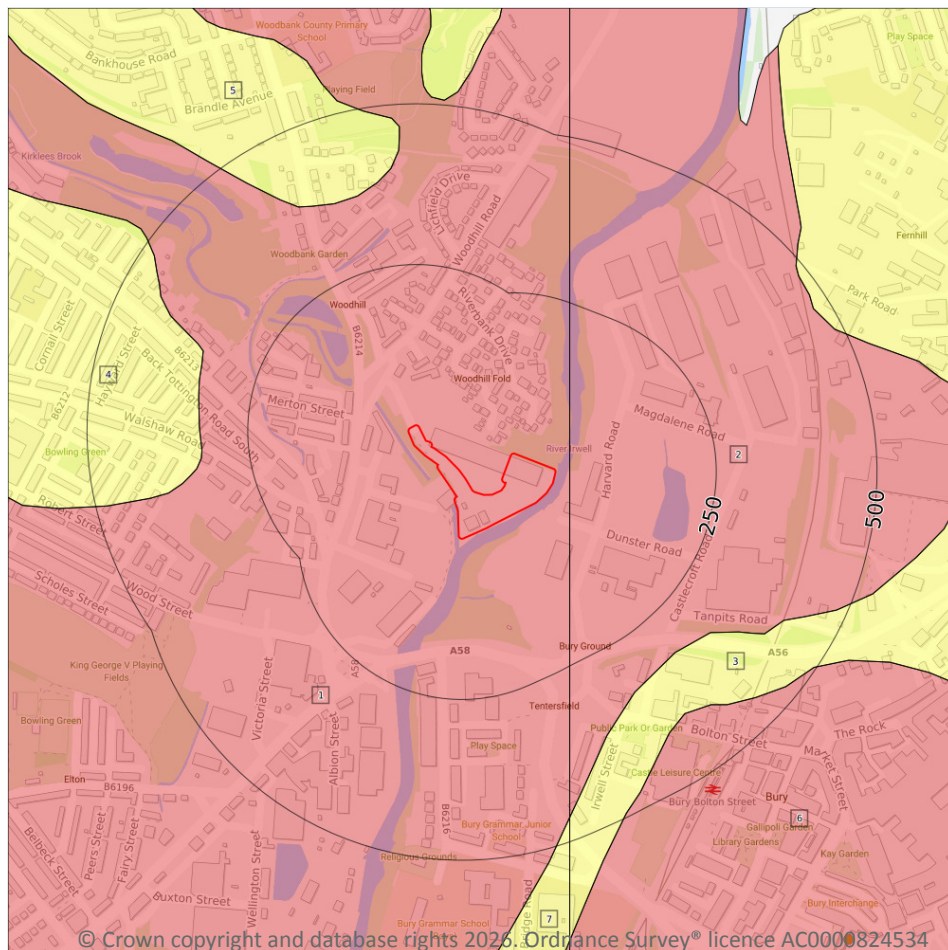
Records within 500m	0
----------------------------	----------

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 Hydrogeology - Superficial aquifer



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

5.1 Superficial aquifer

Records within 500m

7

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 77](#) >

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	22m 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

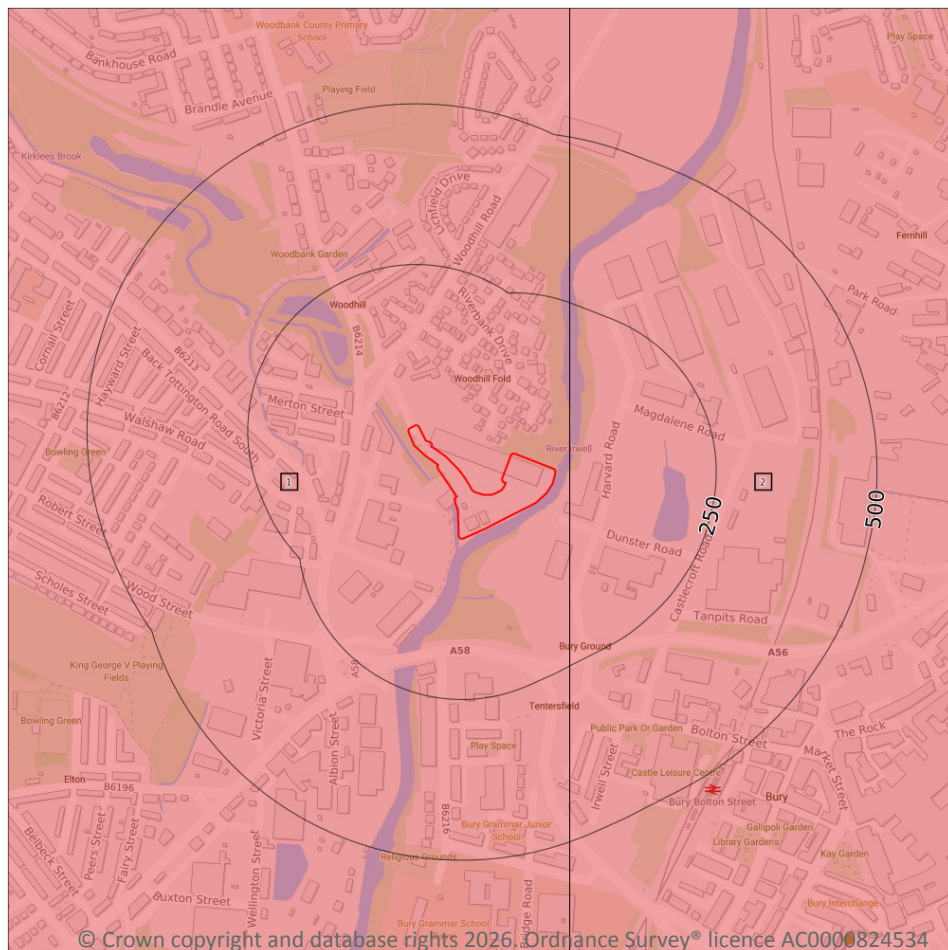


ID	Location	Designation	Description
3	318m SE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	323m W	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
5	367m N	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
6	402m SE	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
7	464m 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

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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on [page 79](#) >

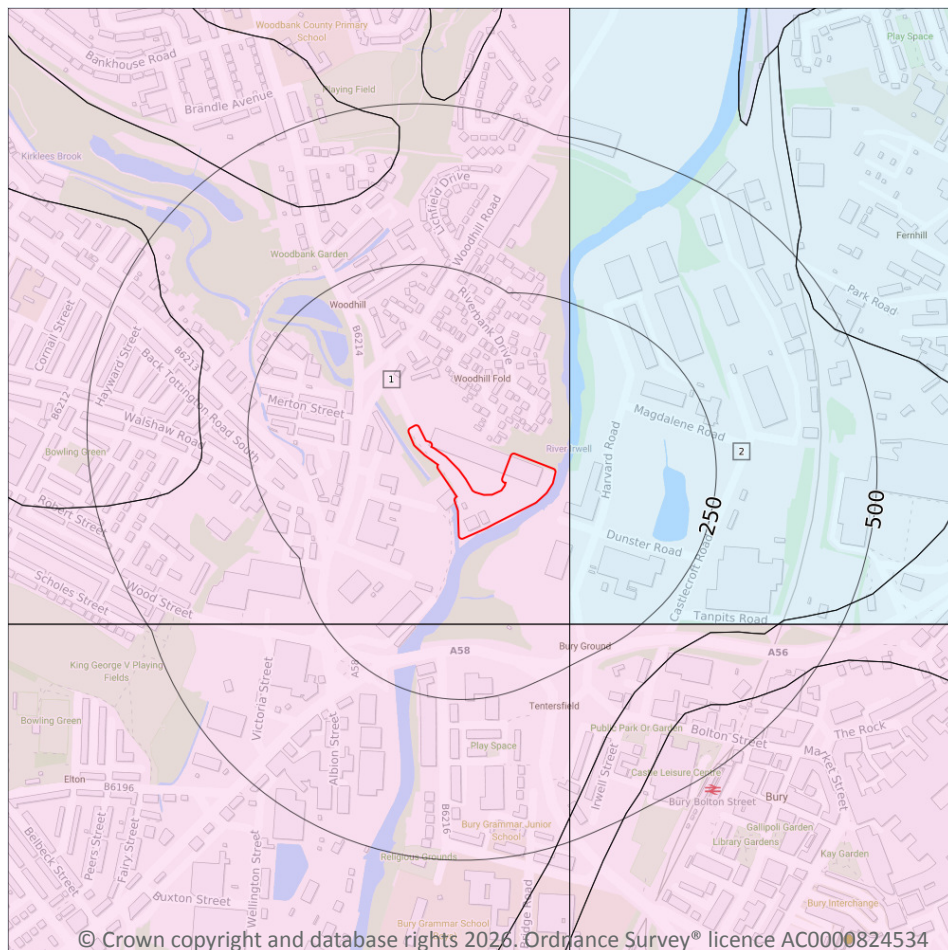
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	22m E	Secondary 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



— Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 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 81](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	22m E	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

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

5.4 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.

5.5 Groundwater vulnerability- local information

Records on site

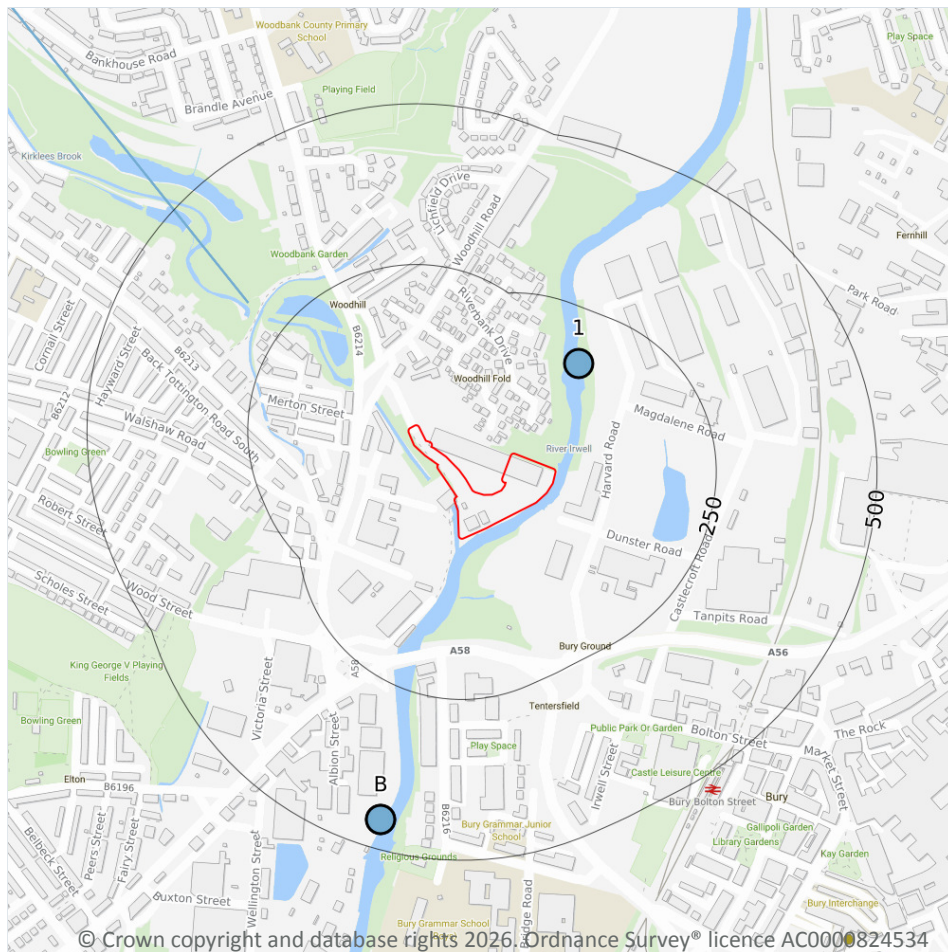
0

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 ↗.

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)

5.6 Groundwater abstractions

Records within 2000m

7

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 83](#) >



ID	Location	Details	
-	1024m NW	Status: Historical Licence No: 2569001017 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT PREMISES,OLIVES PAPERMILLS, BURY" Data Type: Point Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 379000 Northing: 412000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
-	1024m NW	Status: Historical Licence No: 2569001017 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES,OLIVES PAPERMILLS, BURY Data Type: Point Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 379000 Northing: 412000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
-	1024m NW	Status: Historical Licence No: 2569001017 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, OLIVES PAPERMILLS, BURY Data Type: Point Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 379000 Northing: 412000	Annual Volume (m ³): 154564 Max Daily Volume (m ³): 1591.1 Original Application No: - Original Start Date: 15/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
-	1661m W	Status: Historical Licence No: 2569001057 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "WELL AT BOLHOLT FARM, WALSHAW, BURY" Data Type: Point Name: HEYS Easting: 378200 Northing: 411900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/02/1966 Version End Date: -



ID	Location	Details	
-	1661m W	Status: Historical Licence No: 2569001057 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: WELL AT BOLHOLT FARM, WALSHAW, BURY Data Type: Point Name: HEYS Easting: 378200 Northing: 411900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/02/1966 Version End Date: -
-	1822m N	Status: Historical Licence No: 2569001123 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "WELL AT IRWELL VIEW FARM, WALMESLEY,BURY, LANCASHIRE" Data Type: Point Name: FITTON Easting: 380100 Northing: 413100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 19/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1966 Version End Date: -
-	1822m N	Status: Historical Licence No: 2569001123 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: WELL AT IRWELL VIEW FARM, WALMESLEY,BURY, LANCASHIRE Data Type: Point Name: FITTON Easting: 380100 Northing: 413100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 19/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 19/01/1966 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

21

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 83](#) >



ID	Location	Details	
1	167m N	Status: Historical Licence No: NW/069/0001/007 Details: Hydroelectric Power Generation Direct Source: Surface, Non-Tidal - North West Region Point: RIVER IRWELL AT CHAMBER HALL WEIR Data Type: Point Name: Bury Council Easting: 380014 Northing: 411406	Annual Volume (m ³): 90000000 Max Daily Volume (m ³): 340416 Original Application No: - Original Start Date: 10/06/2016 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 10/06/2016 Version End Date: -
A	318m NW	Status: Historical Licence No: 2569001170 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: KIRKLEES BRK AT WOOLFOLD, BURY93 Data Type: Line Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 378700 Northing: 412500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
A	318m NW	Status: Historical Licence No: 2569001170 Details: Process water Direct Source: "Surface, Non-Tidal - North West Region" Point: "KIRKLEES BRK AT WOOLFOLD, BURY \$93" Data Type: Line Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 378700 Northing: 412500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
A	318m NW	Status: Historical Licence No: 2569001170 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: KIRKLEES BRK AT WOOLFOLD, BURY \$93 Data Type: Line Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 378700 Northing: 412500	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
A	318m NW	Status: Historical Licence No: 2569001170 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: KIRKLEES BRK AT WOOLFOLD, BURY Data Type: Line Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 378700 Northing: 412500	Annual Volume (m ³): 850102 Max Daily Volume (m ³): 3182.2 Original Application No: - Original Start Date: 23/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -



ID	Location	Details	
B	455m S	Status: Historical Licence No: 2569001285 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: RIVER IRWELL AT RMC NORTHERNT BURY CANAL WHARF Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 379706 Northing: 410696	Annual Volume (m ³): 5500 Max Daily Volume (m ³): 21 Original Application No: - Original Start Date: 23/03/2005 Expiry Date: 31/03/2015 Issue No: 2 Version Start Date: 01/04/2008 Version End Date: -
B	455m S	Status: Historical Licence No: 2569001285R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: RIVER IRWELL AT RMC NORTHERNT BURY CANAL WHARF Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 379706 Northing: 410696	Annual Volume (m ³): 5500 Max Daily Volume (m ³): 21 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 21/12/2018 Version End Date: -
-	958m NW	Status: Historical Licence No: 2569001170 Details: Process Water Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIR FED BY KIRKLESS BROOK AND SURFACE DRAINAGE Data Type: Point Name: ACTIVECRAFT LTD PAPERMAKERS Easting: 379000 Northing: 411900	Annual Volume (m ³): 850102 Max Daily Volume (m ³): 3182.2 Original Application No: - Original Start Date: 23/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 16/06/1995 Version End Date: -
-	995m W	Status: Historical Licence No: 2569001160 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIRS FED BY ELTON BRK AT BURY [10 Data Type: Point Name: THE ELTON COP DYEING CO LTD Easting: 378800 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/02/1975 Version End Date: -



ID	Location	Details	
-	1188m W	Status: Historical Licence No: 2569001155 Details: Boiler Feed Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIR FED BY SURFACE DRAINAGE ATBURY, (KNOWN AS PARKERS) Data Type: Point Name: CURTAIN STYLING LTD Easting: 378600 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/01/1975 Version End Date: -
-	1188m W	Status: Historical Licence No: 2569001155 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIR FED BY SURFACE DRAINAGE ATBURY, (KNOWN AS PARKERS) Data Type: Point Name: CURTAIN STYLING LTD Easting: 378600 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/01/1975 Version End Date: -
-	1188m W	Status: Historical Licence No: 2569001155 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "RESERVOIR FED BY SURFACE DRAINAGE ATBURY, (KNOWN AS PARKERS " Data Type: Point Name: CURTAIN STYLING LTD Easting: 378600 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/01/1975 Version End Date: -
-	1188m W	Status: Historical Licence No: 2569001155 Details: Boiler Feed Direct Source: "Surface, Non-Tidal - North West Region" Point: "RESERVOIR FED BY SURFACE DRAINAGE ATBURY, (KNOWN AS PARKERS " Data Type: Point Name: CURTAIN STYLING LTD Easting: 378600 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 03/01/1975 Version End Date: -



ID	Location	Details	
-	1285m W	Status: Historical Licence No: 2569001160 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIRS FED BY ELTON BRK AT BURY 88 Data Type: Point Name: THE ELTON COP DYEING CO LTD Easting: 378500 Northing: 411000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/02/1975 Version End Date: -
-	1312m W	Status: Historical Licence No: 2569001160 Details: Process water Direct Source: Surface, Non-Tidal - North West Region Point: RESERVOIRS FED BY ELTON BRK AT BURY *27 Data Type: Point Name: THE ELTON COP DYEING CO LTD Easting: 378500 Northing: 410900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 25/02/1975 Version End Date: -
-	1339m S	Status: Historical Licence No: 2569001056 Details: Dust suppression Direct Source: "Surface, Non-Tidal - North West Region" Point: "THE RIVER IRWELL AT HINDS LANE, BURY" Data Type: Point Name: J B SKIPS & SERVICES LTD Easting: 379450 Northing: 409850	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1997 Version End Date: -
-	1339m S	Status: Historical Licence No: 2569001056 Details: Dust suppression Direct Source: Surface, Non-Tidal - North West Region Point: THE RIVER IRWELL AT HINDS LANE, BURY Data Type: Point Name: J B SKIPS & SERVICES LTD Easting: 379450 Northing: 409850	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1997 Version End Date: -
-	1641m NE	Status: Active Licence No: 2569001289R01 Details: Lake & Pond Throughflow Direct Source: Surface, Non-Tidal - North West Region Point: TRIBUTARY OF THE RIVER IRWELL, AT CLARENCE PARK LIDO Data Type: Point Name: BURY METROPOLITAN BOROUGH COUNCIL Easting: 381211 Northing: 412322	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/017227 Original Start Date: 01/04/2015 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



ID	Location	Details	
-	1641m NE	Status: Historical Licence No: 2569001289 Details: Lake & Pond Throughflow Direct Source: Surface, Non-Tidal - North West Region Point: TRIBUTARY OF THE RIVER IRWELL, AT CLARENCE PARK LIDO Data Type: Point Name: BURY METROPOLITAN BOROUGH COUNCIL Easting: 381211 Northing: 412322	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 22/12/2008 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 22/12/2008 Version End Date: -
-	1763m N	Status: Active Licence No: NW/069/0001/016 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Surface, Non-Tidal - North West Region Point: RIVER IRWELL AT ELTON RESERVOIR Data Type: Point Name: Canal and River Trust Easting: 379677 Northing: 413070	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/044145 Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 21/02/2025 Version End Date: -
-	1763m N	Status: Historical Licence No: NW/069/0001/016 Details: General Use Relating To Secondary Category (Very Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: RIVER IRWELL AT ELTON RESERVOIR Data Type: Point Name: Canal and River Trust Easting: 379677 Northing: 413070	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/NA/001138 Original Start Date: 31/03/2021 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 31/03/2021 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0
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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.

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



5.9 Source Protection Zones

Records within 500m

0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

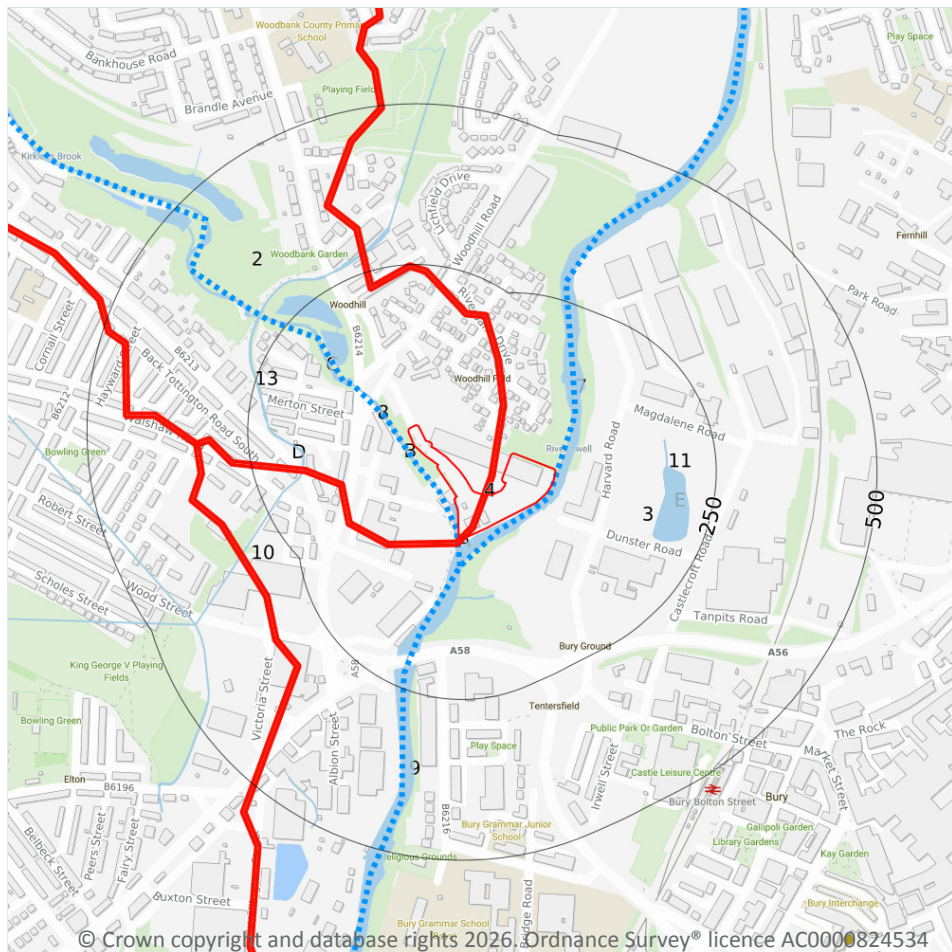
0

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.



6 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

6.1 Water Network (OS MasterMap)

Records within 250m

19

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 92 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
A	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Kirklees Brook



ID	Location	Type of water feature	Ground level	Permanence	Name
A	5m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Kirklees Brook
A	5m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	6m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Irwell
A	6m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Kirklees Brook
B	14m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Kirklees Brook
A	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Kirklees Brook
A	25m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Irwell
8	64m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	64m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Kirklees Brook
9	88m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Irwell
A	88m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
A	92m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	167m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
10	172m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
11	173m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	173m E	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	219m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
13	221m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey®.

6.2 Surface water features

Records within 250m

9

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.

Features are displayed on the Hydrology map on [page 92 >](#)

This data is sourced from the Ordnance Survey®.

6.3 WFD Surface water body catchments

Records on site

2

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 92 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River	Kirklees Brook	GB112069064610	Croal Irwell	Irwell



ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
3	On site	River	Irwell (Rossendale STW to Roch)	GB112069064620	Croal Irwell	Irwell

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

6.4 WFD Surface water bodies

Records identified	2
---------------------------	----------

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 92 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
5	1m E	River	Irwell (Rossendale STW to Roch)	GB112069064620 ↗	Moderate	Fail	Moderate	2019
6	3m W	River	Kirklees Brook	GB112069064610 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site	1
------------------------	----------

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.

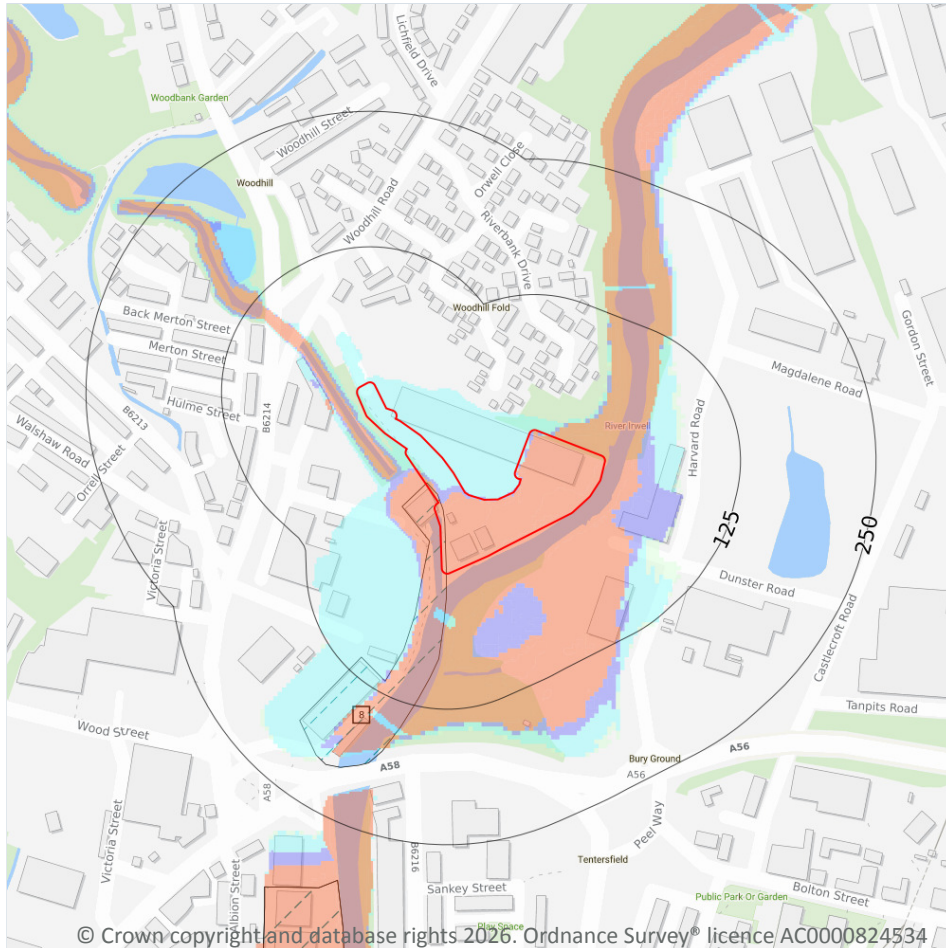
Features are displayed on the Hydrology map on [page 92 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
4	On site	Northern Manchester Carboniferous Aquifers	GB41202G101800 ↗	Poor	Poor	Good	2019

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



7 River and coastal flooding



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

7.1 Risk of flooding from rivers and the sea

Records within 50m

18

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; 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). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on [page 96 >](#)



Distance	Flood risk category
On site	High
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	1
----------------------------	----------

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.

Features are displayed on the River and coastal flooding map on [page 96 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
8	On site	Bury	2020-02-09 2020-02-09	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 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.

7.4 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.



7.5 Flood Storage Areas

Records within 250m

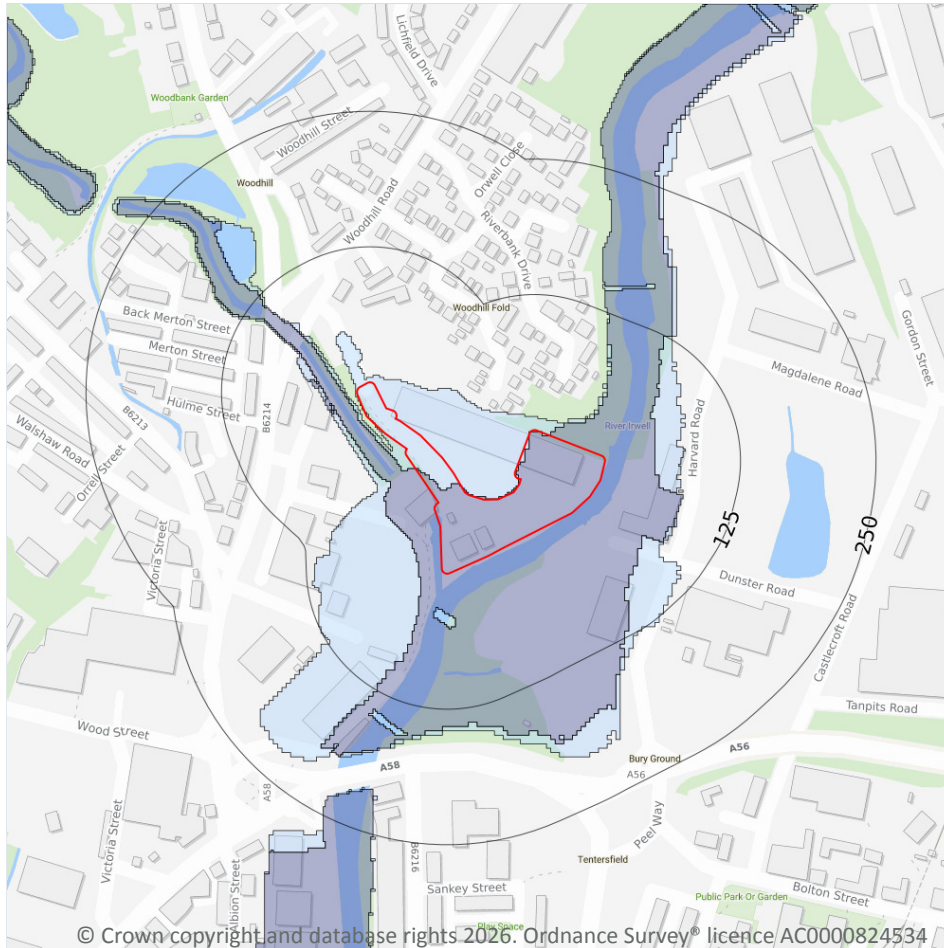
0

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

7.6 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 96 >](#)

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

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



7.7 Flood Zone 3

Records within 50m

1

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.

Features are displayed on the River and coastal flooding map on [page 96](#) >

Location	Type
On site	Zone 3 - (Fluvial /Tidal Models)

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



8 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

8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 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 101 >](#)

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.

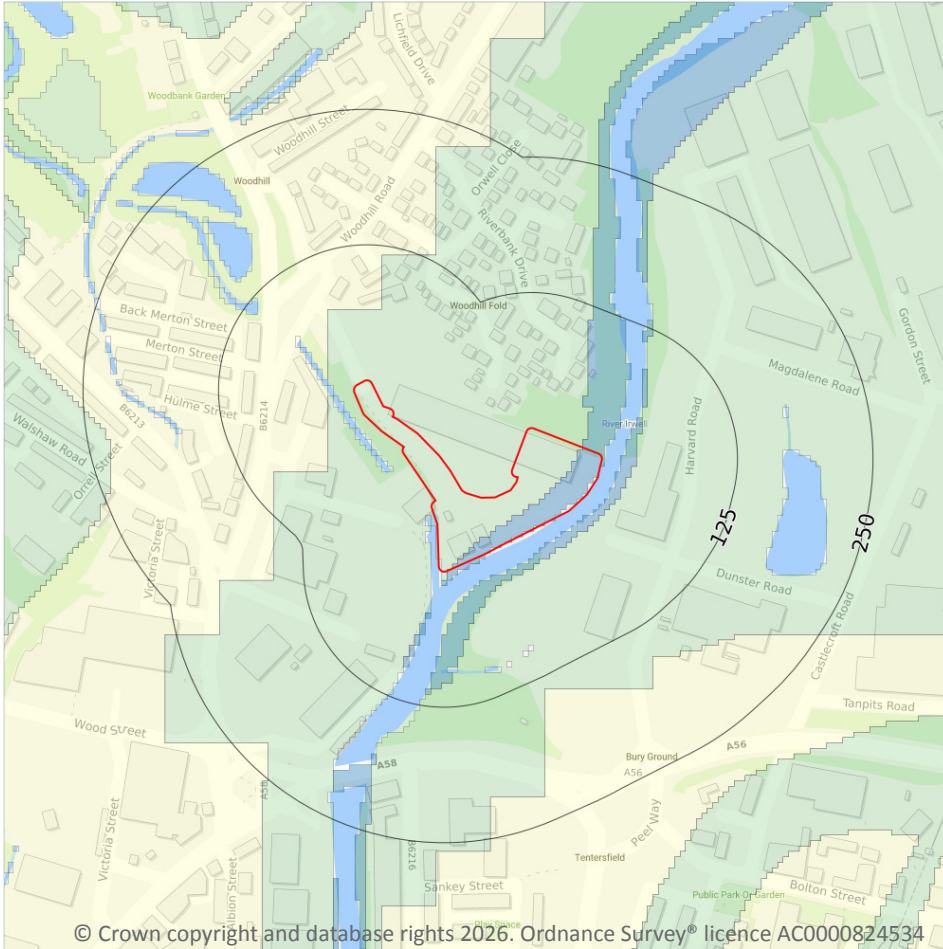
The table below shows the maximum flood depths for a range of return periods for the site.

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	Greater than 1.0m

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



— Site Outline
Search buffers in metres (m)

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

9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

Moderate

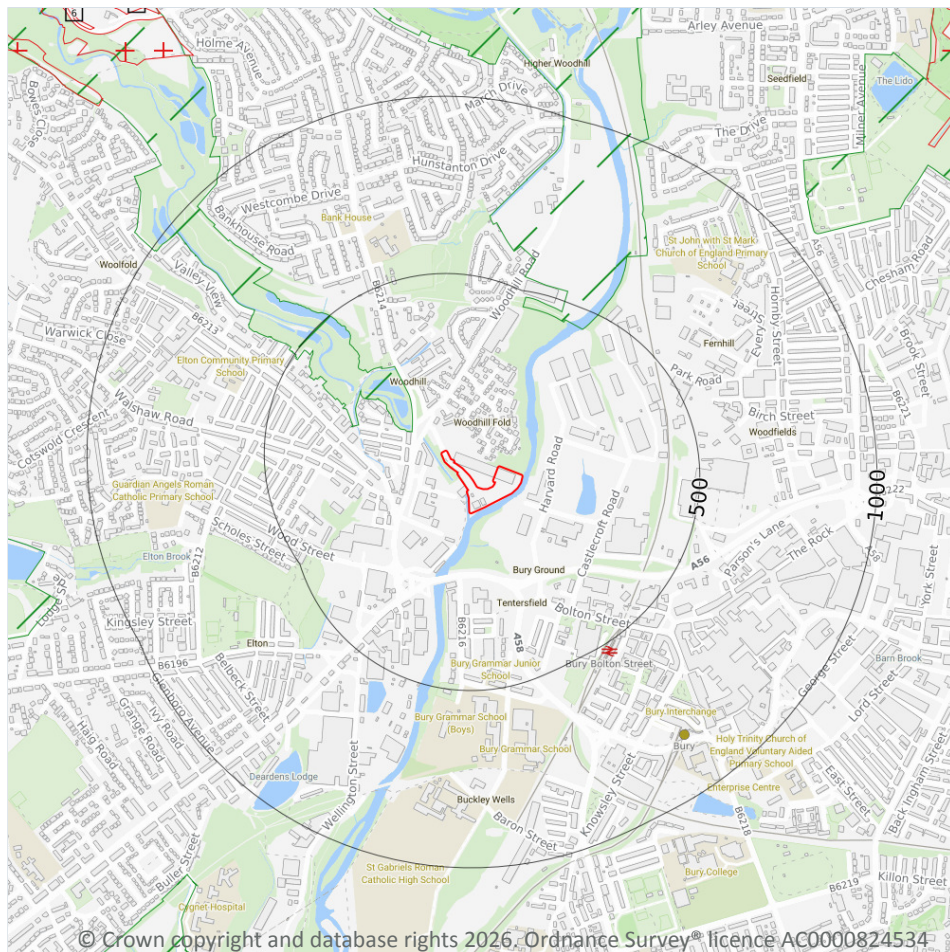
Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks 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 103 >](#)

This data is sourced from Ambiantal Risk Analytics.



10 Environmental designations



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

10.1 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.



10.2 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.

10.3 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.

10.4 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.

10.5 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.



10.6 Local Nature Reserves (LNR)

Records within 2000m

5

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 104 >](#)

ID	Location	Name	Data source
3	1322m NW	Kirklees Valley	Natural England
4	1472m NW	Kirklees Valley	Natural England
5	1478m NE	Chesham Woods	Natural England
6	1549m NW	Kirklees Valley	Natural England
-	1723m NW	Kirklees Valley	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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.

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

10.8 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.



10.9 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.

10.10 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.

10.11 Green Belt

Records within 2000m**2**

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

Features are displayed on the Environmental designations map on [page 104](#) >

ID	Location	Name	Local Authority name
1	103m NW	Merseyside and Greater Manchester Green Belt	Bury
2	1153m W	Merseyside and Greater Manchester Green Belt	Bury

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

10.12 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.



10.13 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.

10.14 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.

10.15 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.

10.16 Nitrate Vulnerable Zones

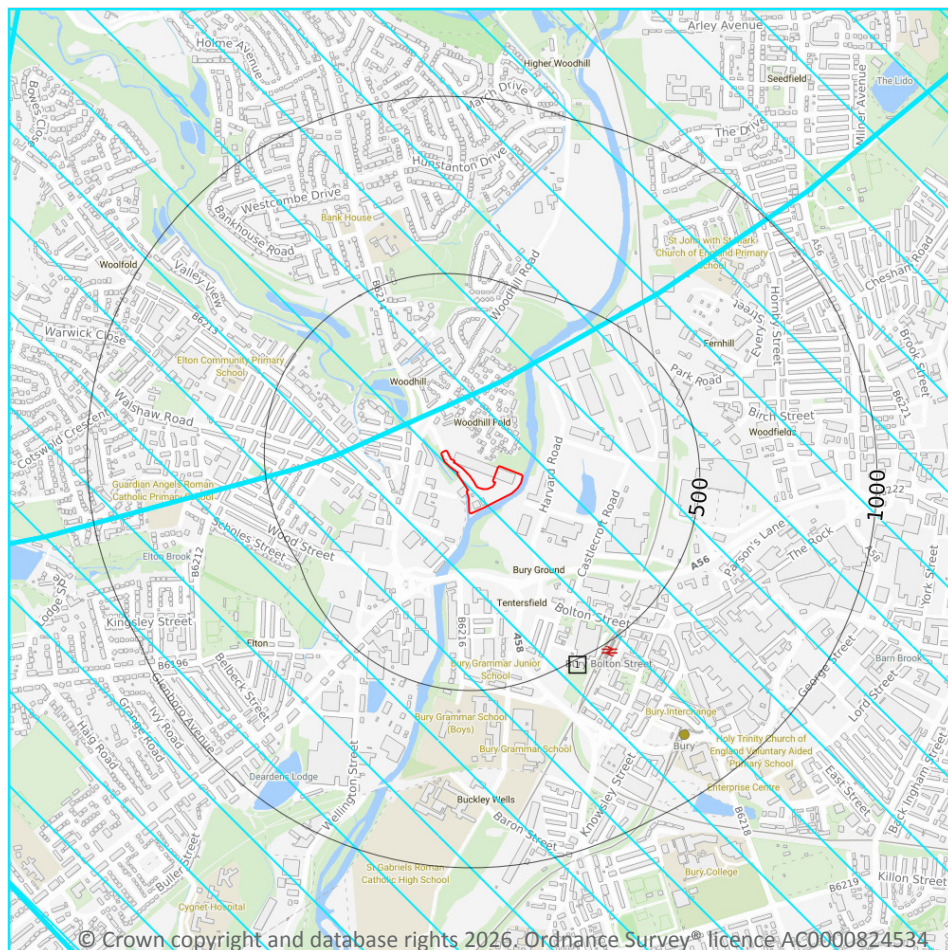
Records within 2000m**0**

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

10.17 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 109](#) >

ID	Location	Type of developments requiring consultation
1	On site	https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0300000630000&notes=&location=388885,445132%20(IRZ%20polygon%20centre)

This data is sourced from Natural England.



10.18 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.



11 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

11.1 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.

11.2 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.

11.3 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.

11.4 Listed Buildings

Records within 250m**3**

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 111](#) >

ID	Location	Name	Grade	Reference Number	Listed date
A	183m SW	Direction Stone	II	1067263	29/01/1985
A	184m SW	Finger Post At Sd 796 112	II	1250812	15/11/1994
1	198m SW	Bury Bridge	II	1477252	08/03/2022

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



11.5 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 Historic England, Cadw and Historic Environment Scotland.

11.6 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 Historic England, Cadw and Historic Environment Scotland.

11.7 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 Historic England, Cadw and Historic Environment Scotland.

