

CCG-C-21-12309

**PHASE I GEOENVIRONMENTAL REPORT
FOR LAND AT 163 GREAT DUCIE STREET**

MANCHESTER

M3 1FF

APRIL 2021

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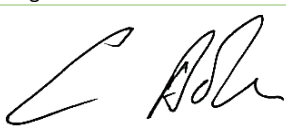
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1.0 INTRODUCTION

CC GEOTECHNICAL LIMITED (CCG) is providing consultancy services to services to **SEED Architects (The Client)** in connection with the proposed redevelopment of land at 163 Great Ducie Street, Cheetham Hill, Manchester, M3 1FF.

It is understood that the site is to be redeveloped for commercial use by the construction of a 2-storey building adjoining the existing commercial building, constructed in traditional brick elevations, together with a hard paved access road and car parking bays.

The existing and proposed site layouts, together with elevations for the scheme are as shown on **SEED ARCHITECTS** architectural drawings contained herein.

The proposed development falls within the administrative jurisdiction of **MANCHESTER CITY COUNCIL**.

This Phase I report was devised to generally comply with the relevant principles and requirements of a wide range of guidance including BS5930:1999 as amended 2007: "*Code of Practice for Site Investigations*", BS10175: 2011 "*Investigation of Potentially Contaminated Sites - Code of Practice*", and the DEFRA/Environment Agency Report CLR11 "*Model Procedures for the Management of Land Contamination*".

This report should be read in conjunction with the Notes on Limitations, given in Appendix E.

2.0 PURPOSE & AIMS OF THE STUDY

The primary aim of the Phase I Desk Study was to assess whether the site is likely to be affected by contamination to an extent that it may pose a risk to human health and/or the built environment and/or the wider natural environment, or is affected by any other natural or man-made features which may impact on the proposed redevelopment.

Specific tasks undertaken to achieve these objectives were as follows:

- Undertaking of a review of available historical mapping, environmental databases, and Environment Agency data
- Undertaking of a site walkover inspection
- Development of Preliminary Conceptual Model
- Development of a Phase 2 intrusive investigation strategy

3.0 SITE DATA

3.1 Site Location

The site comprises a regular shaped parcel of land located immediately to the south of 163 Great Ducie Street, Cheetham Hill, Manchester, M3 1FF as shown on Aerial Site Boundary Plan Drawing No. 12309-1 and Site Location Plan Drawing No: 12309-2 contained within Appendix A. The **ORDNANCE SURVEY** coordinates for the approximate site centre are 383602, 399449.

3.2 Site Description & Walkover Observations

The site was visited during April 2021 on completion of a review of all relevant historical and environmental mapping data (provided in Appendix C). Photographs taken at the time of the site visit are presented in Appendix B.

The site is situated within a commercial context and comprises a regular shaped parcel of land which extends to the approximate dimensions of c.55m x 30m, its longer axis being on a northwest-southeast alignment.

It is bound to the west by private car parking. To the east and south by public pavements extending along Great Ducie Street and Langston Street respectively, and commercial properties to the north.

The surface topography across the site was seen to be sensibly flat with surface cover comprising of tarmac. In the southeast of the site the car sales pitch topography comprised of made ground gravel.

Given that the site has previously been developed, it is assumed that remnants of buried services may underly the study site.

There was no visual evidence of the presence of native and/or non-native plant species within, or adjoining, the site boundary.

Pedestrian access can be made via its Great Ducie Street frontage to the east whilst vehicle and pedestrian access can be made via its Barker

Street frontage to the west.

The information obtained from the visit is summarised in Table 1 hereunder.

Table 1: Summary of Walkover Observations

FEATURE		OBSERVATION
Current Use of Land		Commercial Properties and Car Sales Pitch
Context		Commercial context
Topography / Surfaces		The surface topography across the site was seen to be sensibly flat with surface cover comprising of tarmac and gravel in the south of the site. (car sales pitch)
Dimensions		c.55m x 30m, its long axis being on a northwest-southeast alignment
Access		Vehicle and pedestrian access can be made via its Barker Street frontage to the west.
Buildings Adjacent to the Site		Commercial to the north Prison to the east Commercial to the south Commercial to the west
Services		Given that the site was historically developed for residential land use, it is assumed that remnants of buried services may underlie the study site.
Boundary	North	Commercial properties
	West	Public pavements extending along Barker Street
	South	Public pavements extending along Langston Street
	East	Public pavements extending along Great Ducie Street
Material storage		None observed
Waste disposal		Waste of varying verities such as wood, plastics, metal, fridges, car parts, glass, plastic liquid containers, sealed metal tins and asbestos corrugated sheeting.
Other potential contamination		None observed
Ecology*		There was no visual evidence of the presence of native and/or non-native plant species within, or adjoining, the site boundary.

**These comments on the ecology are for initial preliminary assessment only and are based on observations undertaken by a person who has not undertaken a comprehensive Phase I Habitat Survey or similar.*

Based on the above site observations, there is a potential for the presence of contamination associated with the historic development of the site and on-site demolition works.

4.0 SITE HISTORY

The history of the site and its immediate surrounds was investigated by consultation with a range of archive resources. Geographical information, historical mapping and environmental data were primarily based on a GroundSure Environmental Report (Reference No. CMAPS-AAG-956069-4165-210421EDRGEO, dated April 2021), presented in Appendix C.

A summary of the historical mapping data is given hereunder:

Table 2: Historical Map Review

YEAR	SCALE	ON SITE	ADJACENT TO SITE	<250M
1848 1850	1:10,560 1:1,056	Vacant / undeveloped land Pump	E: Great Ducie St and Strangeways House / Hall S: Langston Street and Residential properties N & W: Vacant / Unused	Much of the land north east and west of the site is vacant / undeveloped land. South of the site is developed with industrial and commercial properties. C.110m W: River Irwell
1891 1890-94 1892 1905-06 1908 1922 1923 1931-34 1933 1938	1:500 1:10,560 1:2,000 1:10,560 1:2,500 1:2,500 1:10,560 1:10,560 1:2,500 1:10,560	Development of residential properties and associated gardens aligned northwest southeast through the centre of the site.	E: Great Ducie St and Courthouses (Assize) S: Langston Street and Residential properties (no change) W: Barker Street and Residential Properties and Sherborne Rubber Works N: Bank, Residential Properties	Much of surrounding area is developed for residential/commercial/industrial c.50m W: Wire Works c.100m W: Strangeways Iron Works c.100m N: Britannia Iron Works c.100m SE: Hotel c.110m SW: Warehouse c.120m E: Strangeways Prison c.120m SW: Otter Works (Invalid Foods) c.200m W: Rope Works c.200m NE: Clay Pit c.200m E: Agricultural Implement Works c.220m WNW: Cotton Waste Mills c.220m WNW: Rubber Works

				c.230m W: Electric Cables Works c.230m W: Chocolate Factory c.240 NW: Springfield Oil Works c.250m NW: Springfield Varnish and Paint
1950 1956 1951-54 1958 1958-62	1:2,500 1:10,560 1:2,500 1:2,500 1:1,250	Vacant (1nr building 1950, vacant for subsequent years)	N:Garment Rainproof Works, and Bank S: Langston St and Government buildings E: Great Ducie St and 'Ruins' of Courthouses W: Barker St and Sherborne Rubber Works and Residential Properties.	Reduced number of residential properties to the SE and S of the site c.200m NE: Loading Ramp in Clay Pit c.170m SE: Warehouse
1972 1975-78 1977-80	1:10,000 1:1,250 1:10,000	1nr building in NW corner of site.	N:Bank E: Great Ducie Street and Car Park S: No significant change W: Barker St and Warehouse and Clothing Factory	c.20m E: Car Park c.50m N: Public House c.100m W: River Irwell Diverted (change from north- south alignment to east-west alignment)
1981-84 1984-89 1985 1986-87 1988 1991-92 1994 2001	1:1,250 1:1,250 1:10,000 1:1,250 1:10,000 1:1,250 1:10,000 1:10,000	1nr building in NE of site.	S: Government buildings replaced with warehouses No other significant changes	Generally Works, Warehouses or factories surrounding site. c.50m S: Tank c.80m S: Tank
2003	1:1,250	Commercial buildings erected on eastern boundary of site.	No significant changes	No significant change

In summary, the historical mapping has identified evidence of potentially contaminative uses having been conducted on or adjacent to the site.

5.0 ENVIRONMENTAL SETTING

5.1 Documented Geology

The geology of the site was researched by reference to the *British Geological Survey (BGS) 1:50, 000 Scale (Bedrock Edition) Sheet 085 Manchester (2010)* and Ambrose. K et.al (2014) '*Lithostratigraphy of the Sherwood Sandstone Group of England, Wales and south-west Scotland*'. His Majesties Stationary Office, London.

The **BGS 1:10, 000 Scale Drift Geological map** indicate that the study site is underlain by natural drift deposits comprising Alluvium - comprising gravel sand silt and clay deposits of fluvial origin (*Holocene Epoch - Late Quaternary*).

The solid geology is documented to comprise the Chester Sandstone Formation of the Sherwood Sandstone Group comprising conglomerates and reddish brown, cross-bedded, pebbly sandstones with subordinate beds of red-brown mudstone. The conglomerates have a reddish brown sandy matrix and consist mainly of pebbles of brown or purple quartzite, with quartz conglomerate and vein quartz (*Early Triassic Epoch - Olenekian Sub-Age*). Previously know as Chester Pebble Beds.

The general dip of the solid geology within the surrounding area is not documented on the **BGS** solid mapping data

There are 2nr documented geological lines of weakness (i.e. faults) within 500m of the study site. 77m and 423m north-east.

The '*Indicative Atlas of Radon in England and Wales*' (Miles. J.C.H et.al, 2007) Map 17 '*Lancashire, south Cumbria and western North Yorkshire*' shows the site to be situated within an area where it is believed that less than 1% of the properties within the area are affected by Radon and therefore no Radon Protection Measures will be required for new structures in contact with the ground.

Geological Information obtained from the GroundSure Environmental Report is presented in Appendix D, and summarised hereunder:

Table 3: Summary of Geological Data from GroundSure Report

GEOLOGY		
Data	Distance	Comments
Artificial Ground	<500m	87m NE: Infilled Ground 394m SE: Made Ground

		436m N: Infilled Ground
Superficial Deposits / Drift Geology	On Site	Alluvium of fluvial origin
Permeability of alluvium deposits	Maximum Permeability	High
	Minimum Permeability	Very Low
Bedrock and Solid Geology	On Site	Chester Sandstone Formation of the Early Triassic Period (Olenekian Sub-Age)
Permeability of Bedrock: On Site	Minimum Permeability	Moderate
	Maximum Permeability	High
Geological Lines of Weakness	On Site	None recorded
	<250m	77m NE: Fault
Radon Affected Area	On Site	The site is not in a Radon Affected Area, as less than 1% of properties are above the action level
Radon Protection	On Site	No radon protective measures are necessary
MINING, GROUNDWORKINGS AND NATURAL CAVITIES		
Data	Distance	Comments
Natural cavities	<500m	No records
BritPits	<500m	265m NE: Sherborne Street Brickworks 279m E: Strangeways Brick Field
Surface ground workings	<250m	32m NE Brick Field [1851] 79m NE Unspecified Ground Workings [1851] 86m W Canal [1956] 101m E Brick Field [1851] 111m E Unspecified Pit [1851] 115m N Brick Works [1923] 136m NE Unspecified Ground Workings [1956] 138m SE Unspecified Pit [1851] 138m NE Unspecified Ground Workings [1971] 147m N Unspecified Ground Workings [1931] 148m N Unspecified Heap [1894] 148m N Brick Works [1894] 150m N Unspecified Ground Workings [1938] 152m N Brick Works [1906-16] 153m SW Canal [1971-94] 154m N Unspecified Heap [1923]
Underground workings	<1000m	No records
Historical Mineral Planning Areas	<500m	No records
Non-coal mining	<1000m	No records
Mining cavities	<1000m	No records
Coal mining	On Site	No records
Brine areas	On Site	No records
Gypsum areas	On Site	No records
Tin mining	On Site	No records
Clay mining	On Site	No records
HAZARDS		
Data	Distance	Comments
Maximum shrink swell clays	On site	Very Low
Maximum running sands	On site	Low
Maximum compressible deposits	On site	Moderate
Maximum collapsible deposits	On site	Negligible
Maximum landslides	On site	Very Low
Maximum ground dissolution of soluble rocks	On site	Negligible

5.2 Historical Coal Mining

The appended environmental data, **BGS** mapping data and **COAL AUTHORITY** Gazetteer confirm that the site is not located within an area which is believed to be underlain by productive coal measures which may have been worked in the past and therefore a **COAL AUTHORITY** mining report was not procured.

5.3 Hydrology and Hydrogeology

Information on hydrology and hydrogeology obtained from a GroundSure Environmental Report is presented in Appendix C, and summarised hereunder:

Table 5: Summary of Hydrology and Hydrogeological Data from GroundSure Environmental Report

HYDROGEOLOGY AND HYDROLOGY		
Aquifer within Superficial Drift Deposits (Boulder Clay)	On site	Alluvium: 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

Aquifer within Bedrock Deposits	On site	Chester Sandstone Formation: Principal Aquifer: Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
Groundwater Abstraction Licences	<1000m	304m SE: INTERBREW UK LTD. [Licence No: 2569004023] 310m SE: INTERBREW UK LTD. [Licence No: 2569004023] 326m SE: INTERBREW UK LTD. [Licence No: 2569004023] 435m NE: LANCASHIRE DAIRIES LTD [Licence No: 2569004021] 545m NE : JOSEPH HOLT LTD [Licence No: 2569004011] 738m S : BRITISH TELECOMMUNICATIONS PLC [Licence No: 2569007070]
Surface Water Abstraction Licences	<1000m	No records
Potable Water Abstraction Licences	<1000m	304m SE: INTERBREW UK LTD. [Licence No: 2569004023] 310m SE: INTERBREW UK LTD. [Licence No: 2569004023] 326m SE: INTERBREW UK LTD. [Licence No: 2569004023] 435m NE: LANCASHIRE DAIRIES LTD [Licence No: 2569004021]
Source Protection Zones	<500m	No records
Source Protection Zones (confined aquifer)	<500m	No records
Water Network (OS Mastermap)	<250m	96m W: Inland river not influenced by normal tidal action 165m SW: Inland river not influenced by normal tidal action 178m SW: Inland river not influenced by normal tidal action 184m SW: Inland river not influenced by normal tidal action
Surface water features	<250m	River Irwell
WFD Surface water body catchments	On Site	On Site: River WB catchment. [Irwell (Croal to Irk)]
WFD Surface water bodies	<250m	178m SW: River Irwell (Croal to Irk) – Overall rating: Moderate
WFD Groundwater bodies	<250m	On Site: Manchester and east Cheshire Permo-Triassic Sandstone Aquifers. Overall rating: Poor [2015]
FLOODING		
Risk of Flooding from Rivers and Sea (RoFRaS)	<50m	On site: Low 0-50m: Low
Historical Flood Events	<250m	On site: Irwe [1866]. Main river. Channel capacity exceeded (no raised defences) On site: Irwe [1946]. Main river. Channel capacity exceeded (no raised defences) 53m W: Lower Broughton [2015]. Main river. Overtopping of defences 173m SE: Irwe [1866]. Main river. Channel capacity exceeded (no raised defences) 222m SW: Irwe [1946]. Main river. Channel capacity exceeded (no raised defences)
Flood Defences	<250m	160m SW 198m SW
Areas Benefitting from Flood Defences	<250m	On site
Flood Storage Areas	<250m	No records
Flood Zone II	<50m	On site
Flood Zone III	<50m	On site
Surface water flooding: Highest risk	On Site	Negligible
	<50m	1 in 30 year, 0.3m – 1.0m
Groundwater flooding: Highest risk	On Site	Moderate – High
	<50m	Moderate - High

For simplified interpretation, the geological succession underlying the site may be regarded as a series of discrete units in terms of their hydrogeological significance, as illustrated hereunder:

Table 6: Hydrogeological Interpretation

UNIT	PROPERTIES	HYDROGEOLOGICAL DESIGNATION
Made Ground	If present, likely to be generally granular and permeable and will permit vertical and lateral transmission of groundwater. Such deposits are highly susceptible to groundwater contamination.	Unproductive
Alluvium	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	Secondary A
Wilmslow Sandstone Formation	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers	Principal Aquifer

6.0 FURTHER ENVIRONMENTAL DATA

Environmental data was researched using several sources including Environment Agency Maps and GroundSure Envirosight Report presented in Appendix C and is summarised hereunder in Table 6. This environmental data has been used to carry out a Preliminary Qualitative Risk

Assessment (Tier 1) and formulate the preliminary conceptual model as discussed in Section 8.0 of this report.

Table 7: Summary of Environmental Data

POTENTIALLY CONTAMINATIVE USES IDENTIFIED FROM 1:10,000 SCALE MAPPING		
Data	Distance	Comments
Historical industrial land uses	<250m	32m NE: Brick Field [1851] 63m NW: Unspecified Commercial/Industrial [1985] 68m W: Unspecified Works [1985] 78m W: Iron Works [1938] 101m E: Brick Field [1851] 109m W: Unspecified Works [1985] 111m E: Unspecified Pit [1851] 115m N: Brick Works [1923] 116m W: Unspecified Commercial/Industrial [1938] 131m E: Unspecified Commercial/Industrial [1938] 136m NE: Unspecified Ground Workings [1956] 138m SE: Unspecified Pit [1851] 138m NE: Unspecified Ground Workings [1971] 142m SW Dye Works [1851] 147m N: Printing Works [1931] 148m N: Brick Works [1938] 164m NW: Oil Works [1894] 174m NW: Dye Works [1851] 176m E: Unspecified Commercial/Industrial [1923] 176m NW: Unspecified Commercial/Industrial [1971] 181m SW: Dye Works [1851] 200m SW: Unspecified Mills [1923] 208m S: Cotton Mill [1851] 210m SW: Chemical Works [1851] 221m SW: Unspecified Works [1994] 222m SE: Brewery [1978] 240m W: Unspecified Commercial/Industrial [1938]
Historical tanks	<250m	30m S: Unspecified Tank [1996] 55m S: Unspecified Tank [1987] 140m W: Unspecified Tank [1891] 149m SE: Unspecified Tank [1891] 155m SW: Unspecified Tank [1951] 182m SW: Unspecified Tank [1933] 185m E: Unspecified Tank [1892] 186m W: Unspecified Tank [1891] 188m S: Unspecified Tank [1933] 191m SE: Tanks [1996] 209m SW: Tanks [1891] 228m SE: Unspecified Tank [1891] 247m E: Unspecified Tank [1891]
Historical energy features	<250m	134m W: Electricity Substation [1950] 147m W: Electricity Substation [1996] 179m W: Electricity Substation [1998] 240m SW: Electricity Substation [1998]
Historical petrol stations	<250m	No records
Historical garages	<250m	92m N: Garage [1975] 127m SE: Garage [1951] 191m E: Garage [1984-96] 209m NW: Garage [1984]
Historical military land	<250m	No records
Records of Current Industrial Land Use		
Data	Distance	Comments
Recent industrial land uses	<250m	On Site: I CCTV UK Ltd [Electronic Equipment] 26m SE: Maxx Car Custom [Vehicle Repair, Testing and Servicing] 37m SW: Tank [Generic Tank] 49m SW: Warehouse [Storage] 52m W: Works [Unspecified Works or Factories] 64m SE: Warehouse [Storage] 81m NW: Eurosonic Group [Electronic Equipment] 83m W: Warehouse [Storage] 88m SW: Caribbean Crush Alderley Edge Drinks Co [Non-Alcoholic Drinks] 108m SE: Depot [Storage] 106m SE: Warehouse [Storage] 109m SE: Salford Car Hire [Vehicle Hire and Rental] 120m SW: Works [Unspecified Works or Factories] 143m SE Depot [Storage]

		152m NW: Warehouse [Storage] 154m N: Luxview [Electronic Equipment] 158m SE: Riverside Outlet Ltd [Textiles, Fabrics, Silks, and Machinery] 162m N: Warehouse [Storage] 163m SE: Factory [Unspecified Works or Factories] 169m W: Chemipat Ltd [Adhesives and Sealants] 182m W: Electrical Substation [Electrical Features] 201m E: Temple of Vendora [Distribution and Haulage] 203m W: Dream Zone [Beds and Bedding] 206m SE: Tanks [Generic Tanks] 208m E: Works [Unspecified Works or Factories] 212m N: Tech Vision [Electronic Equipment] 220m E: Factory [Unspecified Works or Factories] 229m W: Cooper & Stollbrand [Clothing, Components and Accessories] 234m N: Warehouse [Storage] 240m NW: Factory [Unspecified Works or Factories] 245m SW: Electricity Sub Station [Electrical Features] 248m W: Scrap Yard [Scrap Metal]
Current or recent petrol stations	<250m	208m N: OBSOLETE
Electricity cables	<250m	No records
Gas pipelines	<250m	No records
Sites determined as Contaminated Land	<250m	No records
Control of Major Accident Hazards (COMAH)	<250m	No records
Regulated explosive sites	<250m	No records
Hazardous substance storage/usage	<250m	No records
Historical licensed industrial activities (IPC)	<250m	No records
Licensed industrial activities (Part A(1))	<250m	No records
Licensed pollutant release (Part A(2)/B)	<250m	164m W: [Coating Processes] 188m E: [Respraying of Road Vehicles]
Radioactive Substance Authorisations	<250m	No records
Licensed Discharges to controlled waters	<250m	103m NW: [Sewage] 105m N [Sewage] 114m S [Sewage] 164m SW [Sewage] 191m S [Sewage] 205m NW [Sewage] 225m SW [Sewage]
Pollutant release to surface waters (Red list)	<250m	No records
Pollutant release to public sewer	<250m	No records
List 1 Dangerous Substances	<250m	No records
List 2 Dangerous Substances	<250m	No records
Pollution Incidents (EA/NRW)	<250m	223m SW: 25/07/2002 ID: 94305. Pollutant: Specific Waste Materials - Asbestos and Household Waste
Pollution inventory substances	<250m	No records
Pollution inventory waste transfers	<250m	No records
Pollution inventory radioactive waste	<250m	No records
WASTE AND LANDFILL		
Data	Distance	Comments
Active or recent landfill	<500m	No records
Historical landfill (BGS records)	<500m	No records
Historical landfill (LA/mapping records)	<500m	304m NW: Manchester City Council
Historical landfill (EA/NRW records)	<500m	85m W: Site reference: E090
Historical waste sites	<500m	215m W: Scrap Yard [1983] 378m NW: Waste Rubber Store [1922] 390m SE: Scrap Metal Yard [1985] 418m SW: Scrap Yard [1983] 464m W: Refuse Destructor [1933]
Licensed waste sites	<500m	211m W: M B S & Partfirst [ELV Facility] Licence No: 50240 374m W: Granyte Surface Coatings Plc [Special Waste Transfer Station] Licence No: 53446 454m NW: Star Drums [Materials Recycling Treatment Facility] License No: 53620
Waste exemptions	<500m	195m NE: Treating Waste Exemption: Non-agricultural waste only 276m SE: Using and treating waste: Not on a farm 303m S: Using Waste: Not on a farm 320m SW: Using and treating waste: Not on farm 354m W: Treating waste: Non-agricultural only
ENVIRONMENTAL DESIGNATIONS		
Data	Distance	Comments
Sites of Special Scientific Interest (SSSI)	<500m	None
Conserved wetland sites (Ramsar sites)	<500m	None

Special Areas of Conservation (SAC)	<500m	None
Special Protection Areas (SPA)	<500m	None
National Nature Reserves (NNR)	<500m	None
Local Nature Reserves (LNR)	<500m	None
Designated Ancient Woodland	<500m	None
Biosphere Reserves	<500m	None
Forest Parks	<500m	None
Marine Conservation Zones	<500m	None
Green Belt	<500m	None
Proposed Ramsar sites	<500m	None
Possible Special Areas of Conservation (PSAC)	<500m	None
Potential Special Protection Areas (pSPA)	<500m	None
Nitrate Sensitive Areas	<500m	None
Nitrate Vulnerable Zones	<500m	On Site: Irwell / Man. Ship Canal (Kearsley to Irlam Locks) Type: Surface Water [Existing] 283m N: River Irk (Moston Brook to River Irwell) NVZ Type: Surface Water 475m NE River Irk (Moston Brook to River Irwell) NVZ Type: Surface Water 499m NE Irwell / Man. Ship Canal (Kearsley to Irlam Locks) NVZ Type: Surface Water

In summary, the only finding of significance relates to the presence of a vehicle testing and servicing business 26m south east of the site.

7.0 PREVIOUS SITE INVESTIGATIONS / REPORTS

Searches and consultations have established that no previous ground investigation works have been undertaken on this site.

8.0 PRELIMINARY QUALITATIVE RISK ASSESSMENT (TIER 1)

8.1 Introduction

Based on the foregoing study, there is a high potential for the presence of contamination associated with the historic development of the site, demolition works, and adjacent land uses, and hence a preliminary risk assessment was undertaken.

The risk assessment methodologies adopted by **CCG** are based on current available guidance from several sources and are included in Appendix D.

The Tier 1 Risk Assessment and Preliminary Conceptual Model (PCM) were formulated using the information discussed above and based on the following assumptions:

- It is understood that the site is to be redeveloped for commercial use by the construction of a 2-storey building adjoining the existing commercial building, constructed in traditional brick elevations, together with a hard paved access road and car parking bays.

The existing and proposed site layouts, together with elevations for the scheme are as shown on **SEED ARCHITECTS** architectural drawings contained herein.

- Drinking water will be from a mains supply.

In constructing the Preliminary Conceptual Model (PCM), **CCG** applied the guidance contained in CIRIA C552: 2001. This recommends use of a Risk Matrix which classifies risk based on the product of Probability of a source being present, and the Consequence of receptors being exposed to the source. Guidance tables setting out the classifications of probability and consequence together with a risk matrix are given in Tables 8 - 9 hereunder. In using this approach **CCG** recommends actual intrusive investigation of any Risk Classification of “*Moderate*” or over.

Table 8: Matrix of consequences against probability to gain a risk classification [CIRIA C552, 2001]

		CONSEQUENCE			
		SEVERE	MEDIUM	MILD	MINOR
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate / Low Risk
	Likely	High Risk	Moderate Risk	Moderate / Low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate / Low Risk	Low Risk	Very Low Risk
	Unlikely	Moderate / Low Risk	Low Risk	Very Low Risk	Very Low Risk

Table 9: Classification Definitions (C552 CIRIA, 2001)

CLASSIFICATION	DEFINITION
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard. Or, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that such harm would be severe, or if any harm were to occur it is more likely that harm would be relatively mild. Investigation (if not undertaken already) is normally required to clarify the risk and to determine to potential liability. Some remedial works may be required in the longer term.
Moderate / Low	
Low	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild
Very Low	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

8.2 Preliminary Conceptual Model

By application of the risk assessment methodology outlined above, the following PCM was constructed.

Table 10: Preliminary Conceptual Model (PCM)

POLLUTANT LINKAGE	SOURCE	PATHWAY	RECEPTOR	PROBABILITY	CONSEQUENCE	RISK RATING
1	Broad spectrum of heavy metals, aggressive pH, hydrocarbons, PAH's in Made Ground associated with the development & redevelopment of the site & adjoining area	Soil and / or soil dust ingestion	Construction workers Future occupants Offsite receptors Flora	Likely	Medium	Moderate
2	Asbestos containing materials (ACM) in made ground soils associated with the development & redevelopment of the site & adjoining area	Fibre Inhalation	Construction workers Future occupants Offsite receptors	Likely	Severe (ACM)	High
3	Inhalation of vapours associated with potential made ground deposits etc.	Inhalation	Future occupants	Unlikely	Medium	Low
4	Inhalation of ground gases from onsite or offsite sources i.e.made ground soils etc.	Inhalation	Future occupants	Unlikely	Medium	Low
5	pH & Sulphate attack on concrete	Future building	Future building	Likely	Mild	Moderate / Low
6	Organic contamination / PCB's in soils	Direct contact with water mains	Potable water supply	Low Likelihood	Medium	Moderate / Low

The contaminants of concern associated with those risks which require intrusive investigation were researched by reference to published industry profiles, and are summarised hereunder:

Table 11: Summary of Contaminants of Concern based on PCM

LINKAGE NO.	METALS	NON-METALS	ORGANICS	GASES	OTHERS
PL1, PL2 PL5, PL6	Be, Cd, Cr (total and VI), Ni, Cu, Pb, Hg, Se	As, sulphates	TPHCWG, PAH's, BTEX, Volatiles (by PID)	-	pH Asbestos
PL3 & PL4	-	-	-	CH ₄ , CO ₂ , H ₂ S	-
PL1, PL6	-	-	TPHCWG PAH's, BTEX, Volatiles (by PID)	-	-
PL1-PL6	Be, Cd, Cr (total and VI), Ni, Cu, Pb, Hg, Se	As, sulphates	TPHCWG, BTEX PAH's, Volatiles (by PID)	CH ₄ , CO ₂ , H ₂ S	pH Asbestos

8.3 Summary of Risks

The foregoing analysis has identified a significant number of potential risks, and if present, these could adversely impact on human or environmental receptors, and since no previous site investigations have been undertaken, an intrusive phase of investigation is recommended to determine whether the postulated pollutant linkages are actually present on site.

9.0 AIMS AND PROPOSED SCOPE OF PHASE II INTRUSIVE INVESTIGATION

Based on the findings above, it is recommended that an intrusive investigation be undertaken. The Phase II Intrusive Investigation should include for exploratory holes to be sunk through made ground into the underlying natural strata.

The primary objectives of a ground investigations are to obtain enough data to reliably ascertain ground conditions on site, and to aid confirmation of the potential pollution linkages identified within the Preliminary Conceptual Model above. Enough soil and groundwater/soil leachate contamination data should be obtained to reliably allow the Preliminary Conceptual Model to be tested and refined by the performance of a quantitative risk assessment.

Using the guidance contained in BS10175: 2011 and R&D Technical Report P5-0066/TR: 2000, is proposed that 4nr boreholes be sunk across the site by light dynamic sampling method to nominal depths of 5mbgl to assess shallow ground conditions.

2nr light dynamic boreholes will be utilised for the installation of standpipes, thus enabling a programme of ground gas monitoring to be undertaken. To comply with CIRIA C665 for a "Moderate" risk site, it is proposed that gas monitoring is undertaken on 6nr occasions over a period of 3-months.

The prime objective of any intrusive ground investigation is to provide reliable soil / groundwater contamination data and to assess the soil engineering properties in relation to the design of suitable foundations recommendations.

The proposed scope of works is summarised in Table 12 hereunder:

Table 12: Proposed Scope of Works

RISK	METHOD OF ASSESSMENT
Is the superficial ground impacted by contamination to the extent it may present a risk to human health?	4nr light dynamic sampling boreholes to be sunk to a nominal depth of 5mbgl. The stratigraphy of the boreholes will be carefully logged and subsampled as appropriate. Broad spectrum contamination analyses will be performed on 1nr sub sample of recovered made ground from each borehole (4nr).
What are the geotechnical properties of the ground?	Standard Penetration Test's (SPT's) to be carried out at regular depth increments throughout the boreholes, with HSV tests to be carried out in cohesive strata on recovered soils A programme of soil engineering laboratory testing will be carried out. The in-situ tests and soil engineering test data will be used in formulating suitable foundation solutions.
Is the site affected by migrating gas from made ground underlying the site & nearby historical in-filled ponds etc.?	The evidence of the desk study is that there is a low risk of the site being contaminated by ground gases and therefore the boreholes will be utilised for the installation of gas / groundwater monitoring standpipes. CIRIA C665 recommends monitoring on 6nr occasions over a period of 3 month

Does the site pose a risk to the underlying Secondary A aquifers	Soil water samples will be recovered from the standpipes and will be analysed to the suite proposed in Table 11. If water does not accumulate in the standpipes, soil leachate analyses will be undertaken to the suite in Table 11. The results will be assessed against Drinking Water Standards and Environmental Quality Standards.
--	--

Contamination data obtained as part of the above recommended Phase II intrusive investigation will be assessed against criteria contained in publication LQM/CIEH S4UL's for Human Health Risk Assessment (2015) (**CCG** Licence No. S4UL3233), applicable to the "*Commercial*" land use scenario. Given this document does not provide criteria for Lead contaminants, it is proposed that Lead results are compared to the C4SL published by DEFRA SP1010 Development of Category 4 Screening Levels for '*Commercial*' use.

APPENDIX A: DRAWINGS

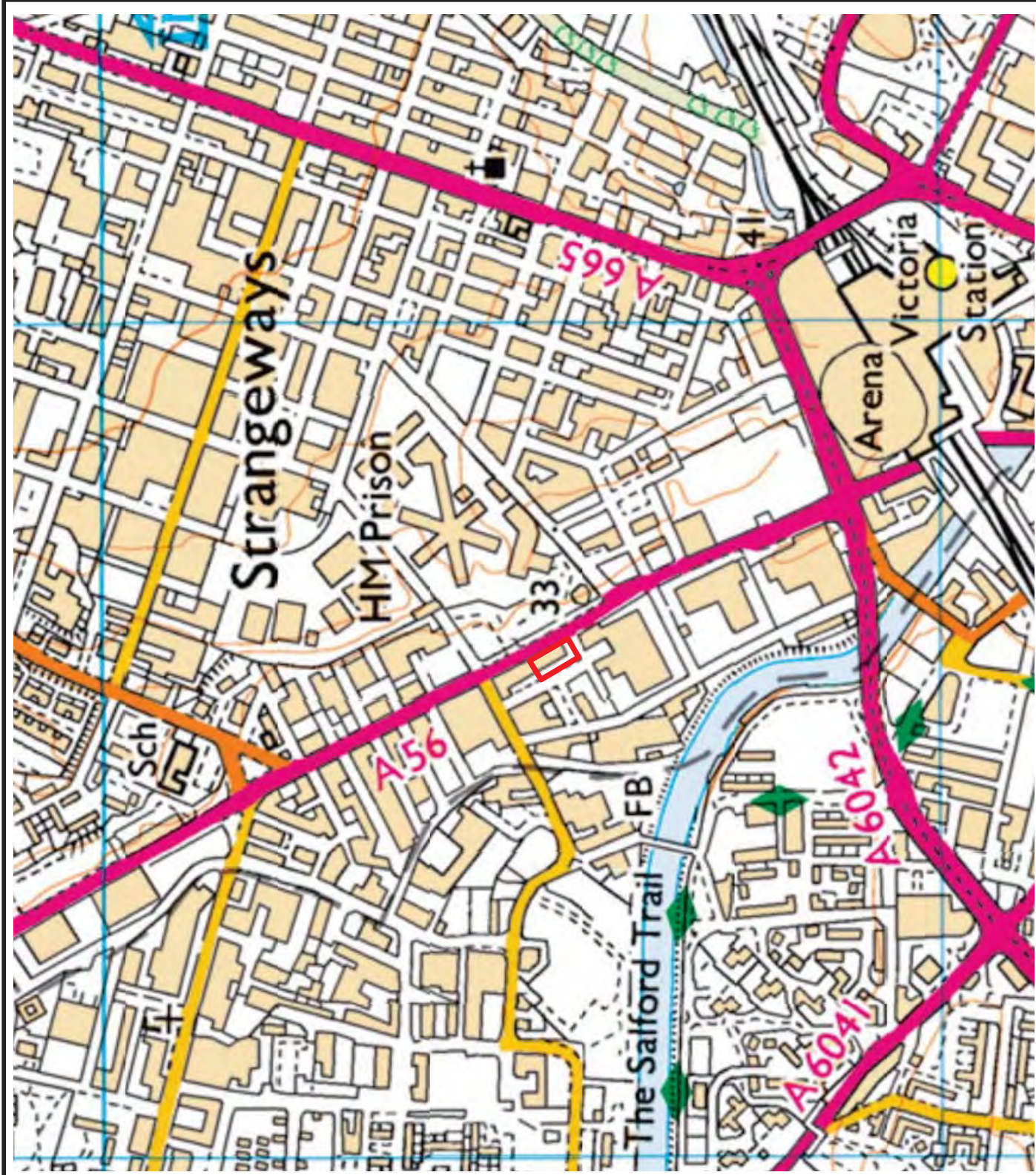
12309 -1 – AERIAL PLATE

12309 - 2 – SITE LOCATION PLAN

ARCHITECTURAL DRAWINGS



Legend Site Boundary		 CC GEOTECHNICAL LIMITED UNIT 1 DELTIC WAY KNOWSLEY INDUSTRIAL ESTATE LIVERPOOL L33 7BA 0151 545 2750		Client: SEED Architects	
Project: 163 Great Ducie Street, Manchester, M3 1FF		Title: Aerial Site Boundary Plan			
Scale: NTS	Issue: 1		Date: 29/04/2021		Drawing No. 12309-1
Drawn by: SP		Project No. CCG-C-21-12309			
CC GEOTECHNICAL LIMITED					



Legend Site Boundary		 CC GEOTECHNICAL LIMITED UNIT 1 DELTIC WAY KNOWSLEY INDUSTRIAL ESTATE LIVERPOOL L33 7BA 0151 545 2750		Client: SEED Architects	
Project: 163 Great Ducie Street, Manchester, M3 1FF		Title: Site Location Plan		Scale: NTS	
Issue: 1		Date: 29/04/2021		Drawn by: SP	
Project No. CCG-C-21-12309		Drawing No. 12309-2		CC GEOTECHNICAL LIMITED	

NOTES:

[illegible]

SEED
Architects

The Old Police Station
62 Chapel St
Manchester
M3 7AA

● Tel: 0161 832 6750 ● E: office@seedarchitects.co.uk ●

Planning
status

Job title
163 Great Ducie Street

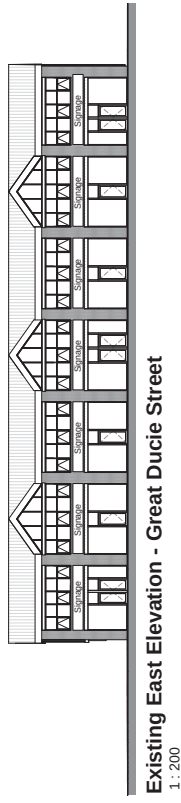
Location

drawing title
Existing Floor Plans and Elevations

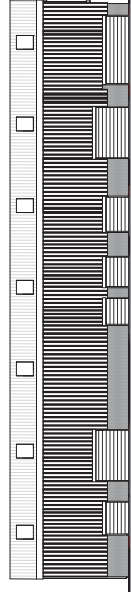
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checker RH	date 07-12-2020
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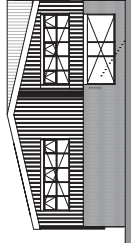
Project no. 3217	Cont. A101	Seed drawing no.	Rev.
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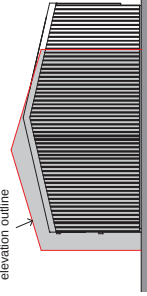
Existing East Elevation - Great Ducie Street
1:200



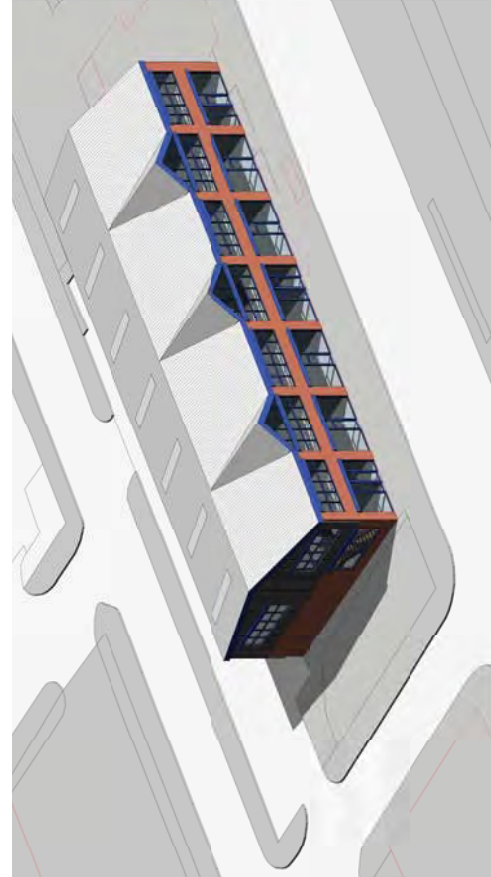
Existing West Elevation - Barker Street
1 : 200



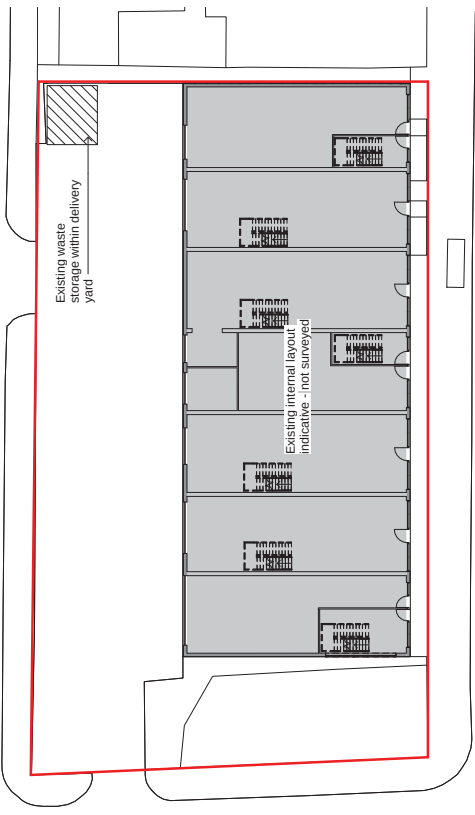
Existing South Elevation - Langston Street
1:200



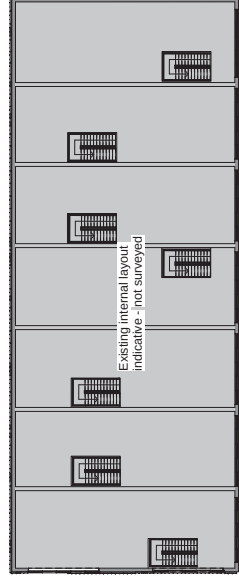
Existing North Elevation
1:200



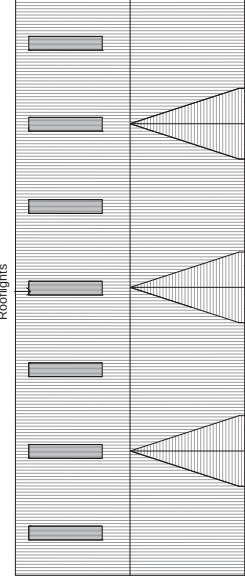
Existing Isometric View



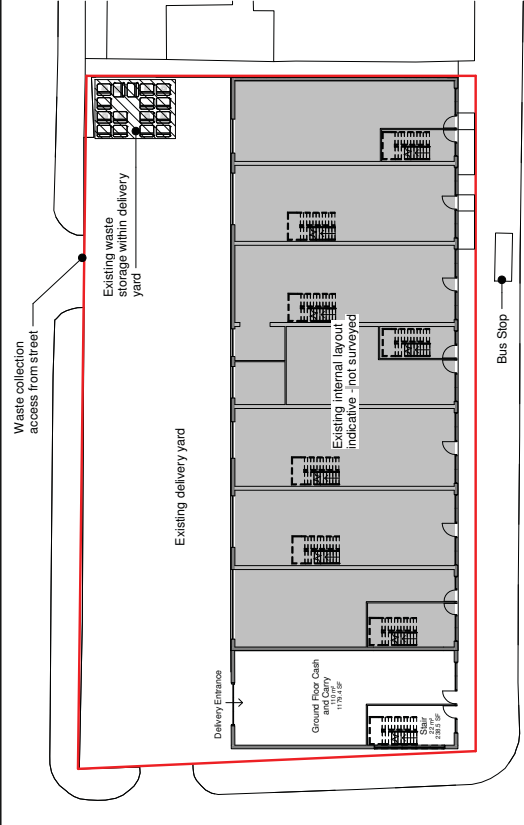
Existing Ground Floor Plan
1 : 200



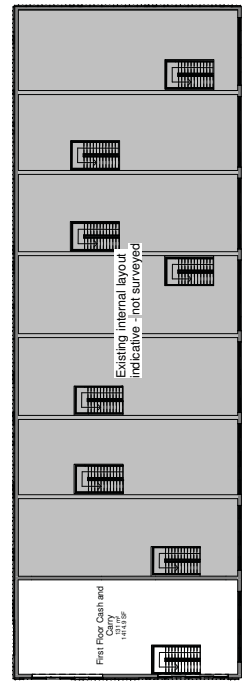
Existing First Floor Plan
1 : 200



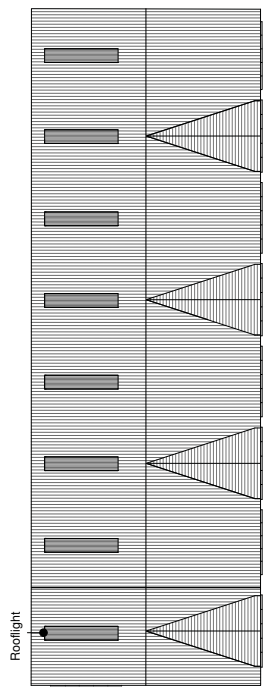
Existing Roof Plan
1:200



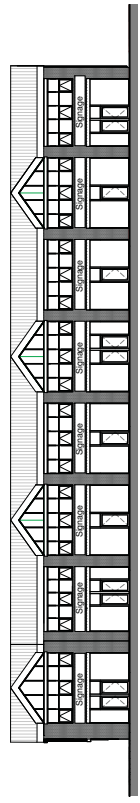
Proposed Ground Floor Plan
1 : 200



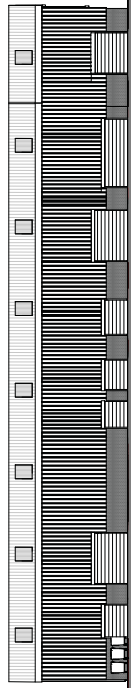
Proposed First Floor Plan
1 : 200



Proposed Roof Plan
1 : 200



Proposed East Elevation - Great Ducie Street
1 : 200



Proposed West Elevation - Barker Street
1 : 200



Proposed South Elevation - Langston Street
1 : 200



Proposed Isometric View
1 : 200

NOTES:

SEEDY Architects
The Old Rectory Station
Rochester
Kent
ME7 7AA

Planning

Project no. 3217
Cont. A102
Rev. B

Location
163 Great Ducie Street

Drawing title
Proposed Floor Plans and Elevations

Author
MD

Checker
CR

Date
08/05/2020

Scale
1:1

Sheet size
A102

APPENDIX B: SITE PHOTOGRAPHS



- 1 South-eastern section of study site as seen from Great Ducie Street
- 2 Eastern section of study site looking north as seen from Great Ducie Street





- 3 Eastern section of study site looking south-east as seen from Great Ducie Street
- 4 Southern boundary of study site as seen from Langston Street





- 5 South east section of study site as seen from Langston Street entrance
- 6 Centre of study site as seen from Langston Street entrance





- 7 Western side of study site as seen from Barker Street. Barker Street entrance pictured
- 8 Northern end of study site as seen from Barker Street entrance





- 9 South view of study site as seen from Barker Street entrance.
- 10 South view of study site as seen from northern boundary of site. Barker Street entrance pictured





- 11 Waste at northern boundary of study site.
12 Waste at northern boundary of study site.





13 Asbestos sheeting at northern boundary of study site.

14 Asbestos sheeting at northern boundary of study site.





15 View looking east of proposed development site.

APPENDIX C: COMMERCIAL ENVIRONMENTAL DATA

163 Great Ducie Street, M3 1FF

Order Details

Date: 21/04/2021
Your ref: 4165
Our Ref: CMAPS-AAG-956069-4165-210421EDRGEO
Client: CENTREMAPS

Site Details

Location: 383590 399461
Area: 0.17 ha
Authority: [Manchester City Council](#)



Summary of findings

p. 2 **Aerial image**

p. 8

OS MasterMap site plan

p.12 groundsure.com/insightuserguide

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>13</u>	<u>1.1</u>	<u>Historical industrial land uses</u>	0	1	45	74	-
<u>18</u>	<u>1.2</u>	<u>Historical tanks</u>	0	1	14	28	-
<u>20</u>	<u>1.3</u>	<u>Historical energy features</u>	0	0	11	19	-
21	1.4	Historical petrol stations	0	0	0	0	-
<u>22</u>	<u>1.5</u>	<u>Historical garages</u>	0	0	4	25	-
23	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
<u>24</u>	<u>2.1</u>	<u>Historical industrial land uses</u>	0	1	65	106	-
<u>31</u>	<u>2.2</u>	<u>Historical tanks</u>	0	2	19	63	-
<u>34</u>	<u>2.3</u>	<u>Historical energy features</u>	0	0	29	78	-
38	2.4	Historical petrol stations	0	0	0	0	-
<u>38</u>	<u>2.5</u>	<u>Historical garages</u>	0	0	5	37	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
41	3.1	Active or recent landfill	0	0	0	0	-
41	3.2	Historical landfill (BGS records)	0	0	0	0	-
<u>42</u>	<u>3.3</u>	<u>Historical landfill (LA/mapping records)</u>	0	0	0	1	-
<u>42</u>	<u>3.4</u>	<u>Historical landfill (EA/NRW records)</u>	0	0	1	0	-
<u>42</u>	<u>3.5</u>	<u>Historical waste sites</u>	0	0	2	10	-
<u>44</u>	<u>3.6</u>	<u>Licensed waste sites</u>	0	0	2	2	-
<u>45</u>	<u>3.7</u>	<u>Waste exemptions</u>	0	0	10	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>48</u>	<u>4.1</u>	<u>Recent industrial land uses</u>	1	3	34	-	-
<u>51</u>	<u>4.2</u>	<u>Current or recent petrol stations</u>	0	0	1	3	-
51	4.3	Electricity cables	0	0	0	0	-
51	4.4	Gas pipelines	0	0	0	0	-
51	4.5	Sites determined as Contaminated Land	0	0	0	0	-



52	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
52	4.7	Regulated explosive sites	0	0	0	0	-
52	4.8	Hazardous substance storage/usage	0	0	0	0	-
52	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
52	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
53	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	2	4	-
54	4.12	Radioactive Substance Authorisations	0	0	0	0	-
54	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	28	5	-
59	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
59	4.15	Pollutant release to public sewer	0	0	0	0	-
59	4.16	List 1 Dangerous Substances	0	0	0	0	-
59	4.17	List 2 Dangerous Substances	0	0	0	0	-
60	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	3	6	-
61	4.19	Pollution inventory substances	0	0	0	0	-
61	4.20	Pollution inventory waste transfers	0	0	0	0	-
61	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
62	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
64	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
65	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
66	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
66	5.5	Groundwater vulnerability- local information	None (within 0m)				
67	5.6	<u>Groundwater abstractions</u>	0	0	0	20	19
77	5.7	Surface water abstractions	0	0	0	0	0
78	5.8	<u>Potable abstractions</u>	0	0	0	10	0
80	5.9	Source Protection Zones	0	0	0	0	-
81	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
82	6.1	<u>Water Network (OS MasterMap)</u>	0	0	6	-	-



83	6.2	<u>Surface water features</u>	0	0	1	-	-
83	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
84	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
84	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
85	7.1	<u>Risk of Flooding from Rivers and Sea (RoFRaS)</u>	Low (within 50m)				
86	7.2	<u>Historical Flood Events</u>	2	0	3	-	-
86	7.3	<u>Flood Defences</u>	0	0	2	-	-
87	7.4	<u>Areas Benefiting from Flood Defences</u>	1	0	0	-	-
87	7.5	Flood Storage Areas	0	0	0	-	-
88	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
89	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
90	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
92	9.1	<u>Groundwater flooding</u>	Moderate-High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
93	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
93	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
93	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
93	10.4	Special Protection Areas (SPA)	0	0	0	0	0
94	10.5	National Nature Reserves (NNR)	0	0	0	0	0
94	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
94	10.7	Designated Ancient Woodland	0	0	0	0	0
94	10.8	Biosphere Reserves	0	0	0	0	0
95	10.9	Forest Parks	0	0	0	0	0
95	10.10	Marine Conservation Zones	0	0	0	0	0
95	10.11	Green Belt	0	0	0	0	0
95	10.12	Proposed Ramsar sites	0	0	0	0	0



95	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
96	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
96	10.15	Nitrate Sensitive Areas	0	0	0	0	0
96	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	3	0
97	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
98	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
99	11.1	World Heritage Sites	0	0	0	-	-
100	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
100	11.3	National Parks	0	0	0	-	-
100	11.4	<u>Listed Buildings</u>	0	0	3	-	-
101	11.5	Conservation Areas	0	0	0	-	-
101	11.6	Scheduled Ancient Monuments	0	0	0	-	-
101	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
102	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
103	12.2	Open Access Land	0	0	0	-	-
103	12.3	Tree Felling Licences	0	0	0	-	-
103	12.4	Environmental Stewardship Schemes	0	0	0	-	-
103	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
104	13.1	Priority Habitat Inventory	0	0	0	-	-
104	13.2	Habitat Networks	0	0	0	-	-
104	13.3	Open Mosaic Habitat	0	0	0	-	-
104	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
105	14.1	<u>10k Availability</u>	Identified (within 500m)				
106	14.2	<u>Artificial and made ground (10k)</u>	0	0	4	2	-
108	14.3	<u>Superficial geology (10k)</u>	1	0	1	2	-



109	14.4	Landslip (10k)	0	0	0	0	-
<u>110</u>	<u>14.5</u>	<u>Bedrock geology (10k)</u>	1	0	1	0	-
<u>111</u>	<u>14.6</u>	<u>Bedrock faults and other linear features (10k)</u>	0	0	1	1	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
<u>112</u>	<u>15.1</u>	<u>50k Availability</u>	Identified (within 500m)				
<u>113</u>	<u>15.2</u>	<u>Artificial and made ground (50k)</u>	0	0	1	2	-
114	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>115</u>	<u>15.4</u>	<u>Superficial geology (50k)</u>	1	0	1	1	-
<u>116</u>	<u>15.5</u>	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
116	15.6	Landslip (50k)	0	0	0	0	-
116	15.7	Landslip permeability (50k)	None (within 50m)				
<u>117</u>	<u>15.8</u>	<u>Bedrock geology (50k)</u>	1	0	1	0	-
<u>118</u>	<u>15.9</u>	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
<u>118</u>	<u>15.10</u>	<u>Bedrock faults and other linear features (50k)</u>	0	0	1	1	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
<u>119</u>	<u>16.1</u>	<u>BGS Boreholes</u>	0	3	55	-	-
Page	Section	Natural ground subsidence					
<u>123</u>	<u>17.1</u>	<u>Shrink swell clays</u>	Very low (within 50m)				
<u>124</u>	<u>17.2</u>	<u>Running sands</u>	Low (within 50m)				
<u>125</u>	<u>17.3</u>	<u>Compressible deposits</u>	Moderate (within 50m)				
<u>126</u>	<u>17.4</u>	<u>Collapsible deposits</u>	Negligible (within 50m)				
<u>127</u>	<u>17.5</u>	<u>Landslides</u>	Very low (within 50m)				
<u>128</u>	<u>17.6</u>	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
130	18.1	Natural cavities	0	0	0	0	-
<u>131</u>	<u>18.2</u>	<u>BritPits</u>	0	0	0	2	-
<u>131</u>	<u>18.3</u>	<u>Surface ground workings</u>	0	1	21	-	-
132	18.4	Underground workings	0	0	0	0	0
132	18.5	Historical Mineral Planning Areas	0	0	0	0	-



133	18.6	Non-coal mining	0	0	0	0	0
133	18.7	Mining cavities	0	0	0	0	0
<u>133</u>	<u>18.8</u>	<u>JPB mining areas</u>	Identified (within 0m)				
<u>133</u>	<u>18.9</u>	<u>Coal mining</u>	Identified (within 0m)				
134	18.10	Brine areas	None (within 0m)				
134	18.11	Gypsum areas	None (within 0m)				
134	18.12	Tin mining	None (within 0m)				
134	18.13	Clay mining	None (within 0m)				

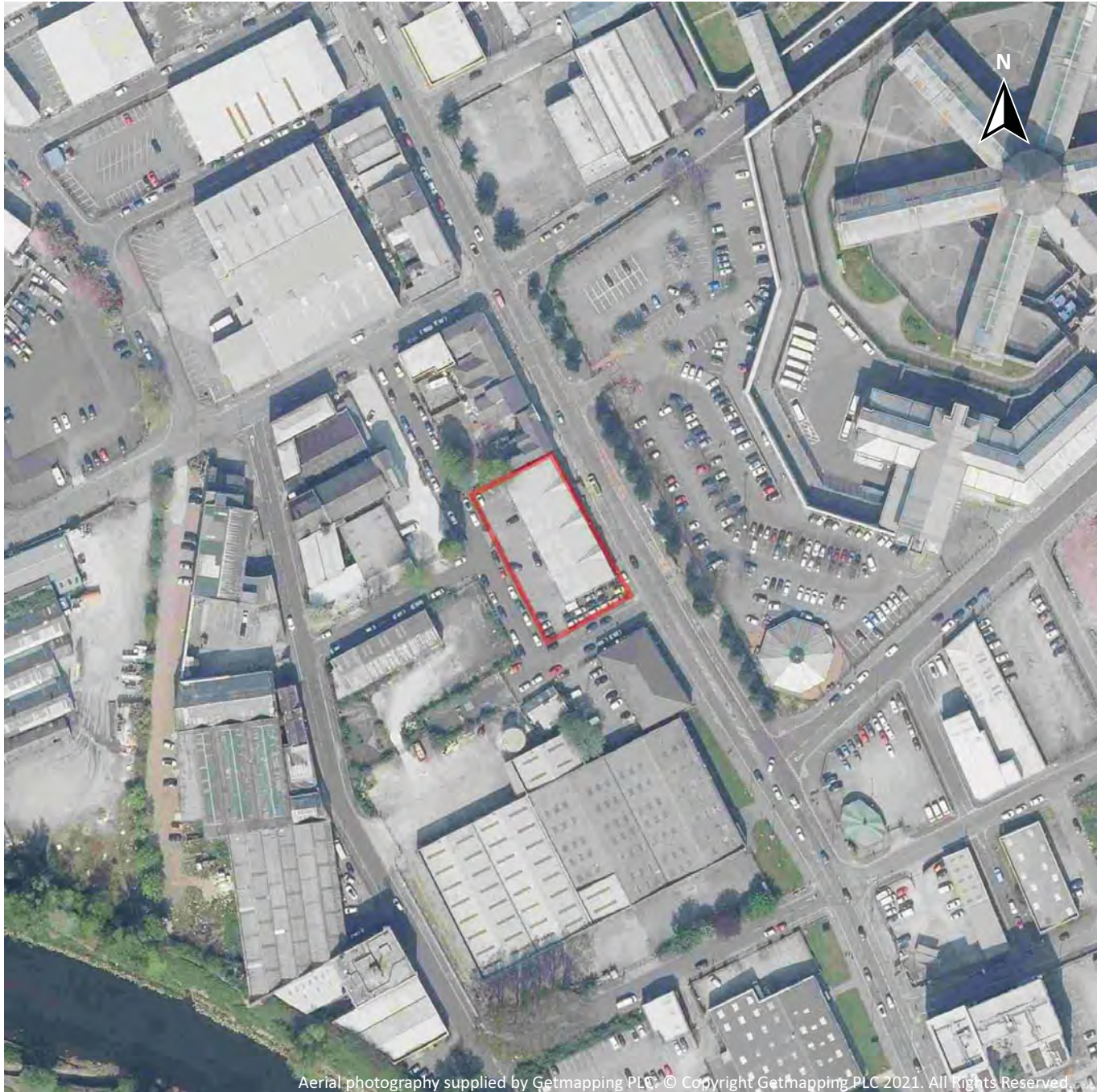
Page	Section	Radon					
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<u>135</u>	<u>19.1</u>	<u>Radon</u>	Less than 1% (within 0m)				
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Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>136</u>	<u>20.1</u>	<u>BGS Estimated Background Soil Chemistry</u>	1	1	-	-	-
<u>136</u>	<u>20.2</u>	<u>BGS Estimated Urban Soil Chemistry</u>	2	4	-	-	-
137	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
138	21.1	Underground railways (London)	0	0	0	-	-
138	21.2	Underground railways (Non-London)	0	0	0	-	-
139	21.3	Railway tunnels	0	0	0	-	-
<u>139</u>	<u>21.4</u>	<u>Historical railway and tunnel features</u>	0	0	3	-	-
139	21.5	Royal Mail tunnels	0	0	0	-	-
139	21.6	Historical railways	0	0	0	-	-
140	21.7	Railways	0	0	0	-	-
140	21.8	Crossrail 1	0	0	0	0	-
140	21.9	Crossrail 2	0	0	0	0	-
140	21.10	HS2	0	0	0	0	-

Recent aerial photograph



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Capture Date: 22/04/2019

Site Area: 0.17ha



Recent site history - 2015 aerial photograph



Capture Date: 11/06/2015

Site Area: 0.17ha



Recent site history - 2009 aerial photograph

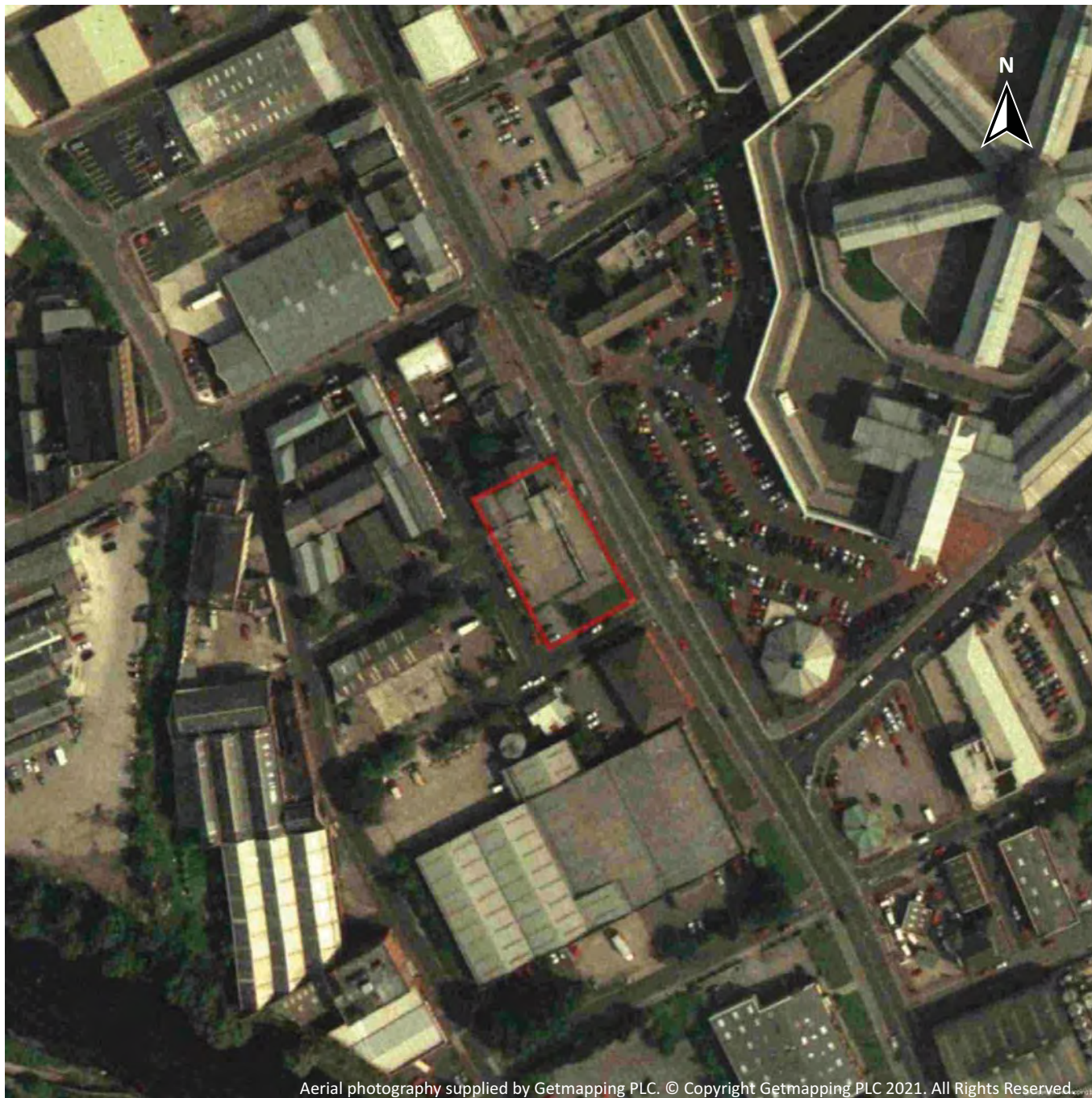


Capture Date: 02/06/2009

Site Area: 0.17ha



Recent site history - 2000 aerial photograph



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Capture Date: 27/06/2000

Site Area: 0.17ha



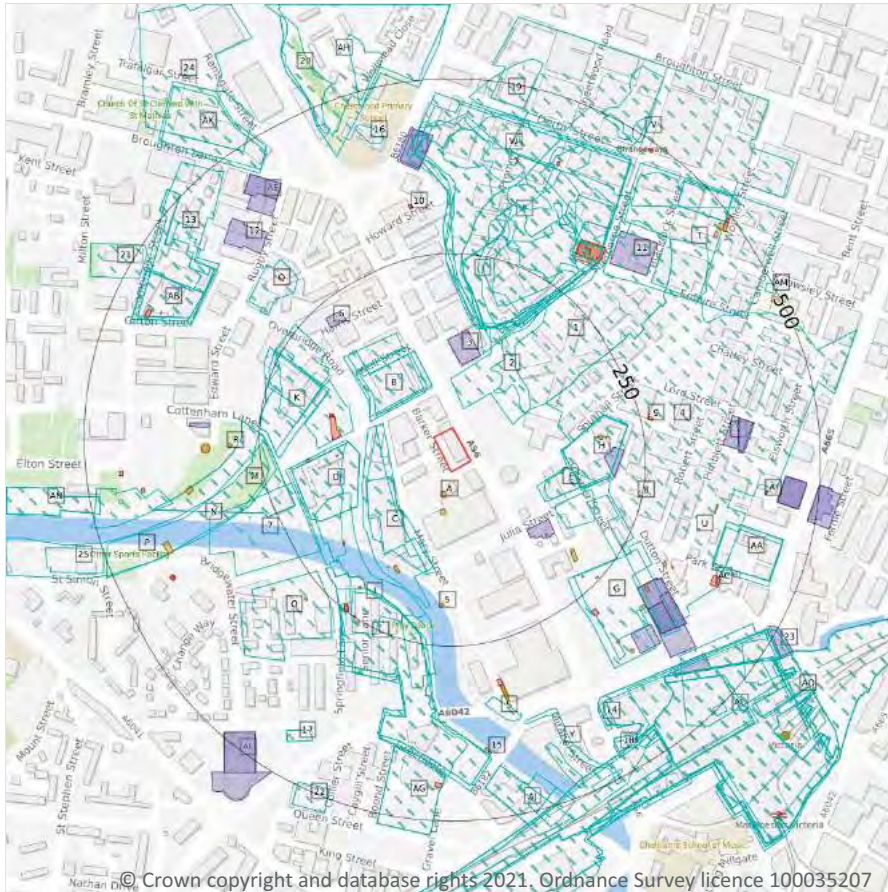
OS MasterMap site plan



Site Area: 0.17ha



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

120

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 13**

ID	Location	Land use	Dates present	Group ID
1	32m NE	Brick Field	1851	976323



ID	Location	Land use	Dates present	Group ID
B	63m NW	Unspecified Commercial/Industrial	1923	888780
B	66m NW	Unspecified Works	1978	830449
C	68m W	Unspecified Works	1985	978731
B	69m NW	Unspecified Commercial/Industrial	1931 - 1938	945822
C	78m W	Iron Works	1906 - 1938	944352
2	79m NE	Unspecified Ground Workings	1851	800623
C	80m SW	Unspecified Works	1978	846327
4	101m E	Brick Field	1851	857249
D	109m W	Unspecified Works	1985	893059
D	109m W	Unspecified Works	1978	970171
E	111m E	Unspecified Pit	1851	840491
F	115m N	Brick Works	1923	864895
D	116m W	Unspecified Commercial/Industrial	1923	796749
D	124m W	Unspecified Commercial/Industrial	1906 - 1938	946532
H	131m E	Unspecified Commercial/Industrial	1931	912741
H	131m E	Unspecified Commercial/Industrial	1916	863056
H	133m E	Unspecified Commercial/Industrial	1938	889569
F	136m NE	Unspecified Ground Workings	1956 - 1971	952775
E	138m SE	Unspecified Pit	1851	840490
I	142m SW	Dye Works	1851	887531
F	147m N	Unspecified Ground Workings	1931	909181
F	147m N	Printing Works	1931	990346
J	148m N	Unspecified Heap	1894	968607
J	148m N	Brick Works	1894	979486
F	150m N	Unspecified Ground Workings	1938	851823
F	152m N	Brick Works	1906 - 1916	858389
F	152m N	Unspecified Ground Workings	1916	932201
J	154m N	Unspecified Heap	1923	897701



ID	Location	Land use	Dates present	Group ID
K	164m NW	Oil Works	1894	834708
K	174m NW	Dye Works	1851	833971
G	176m E	Unspecified Commercial/Industrial	1923	796752
K	176m NW	Unspecified Commercial/Industrial	1923	796748
K	176m NW	Unspecified Works	1971	830448
L	200m SW	Unspecified Mills	1906 - 1916	888479
L	200m SW	Unspecified Mills	1931 - 1938	903148
L	207m SW	Unspecified Mills	1923	969431
L	208m S	Cotton Mill	1851	797890
L	209m SW	Unspecified Mills	1894	972875
7	210m SW	Chemical Works	1851	834548
M	221m SW	Unspecified Works	1978	859627
M	221m SW	Unspecified Works	1985 - 1994	954003
G	222m SE	Brewery	1978	822710
N	230m W	Unspecified Works	1956	862919
O	240m SW	Unspecified Commercial/Industrial	1923	796745
P	240m W	Unspecified Commercial/Industrial	1906 - 1938	914212
Q	288m NW	Unspecified Works	1978	830447
F	296m NE	Electricity Substation	1916 - 1923	852994
F	300m NE	Unspecified Heap	1894	804006
T	310m NE	Art Metal Works	1894	809854
F	321m NE	Printing Works	1938	959471
F	326m NE	Unspecified Ground Workings	1956	881981
S	327m S	Unspecified Commercial/Industrial	1851	796754
F	330m NE	Unspecified Pit	1894	840488
F	330m N	Unspecified Heaps	1956	831345
F	341m NE	Railway Sidings	1916 - 1923	886190
V	353m NE	Unspecified Commercial/Industrial	1931 - 1938	2367040



ID	Location	Land use	Dates present	Group ID
W	359m N	Unspecified Pit	1916 - 1923	925253
Y	368m SE	Unspecified Ground Workings	1851	800624
AA	374m E	Hospital	1931	876058
AA	374m E	Hospital	1916	888247
AA	376m E	Hospital	1923	928379
AB	383m NW	Metal Works	1894	843746
AB	385m NW	Unspecified Works	1978	886747
AB	385m NW	Unspecified Works	1971	905300
P	385m W	Unspecified Commercial/Industrial	1923	796746
AD	386m SE	Railway Station	1906 - 1916	850180
AD	386m SE	Railway Station	1931 - 1938	955531
AB	388m NW	Unspecified Commercial/Industrial	1923	913343
AB	388m NW	Unspecified Commercial/Industrial	1906	947541
13	388m NW	Timber Yard	1894 - 1906	946968
14	394m SE	Railway Building	1923	820402
AD	394m SE	Railway Station	1923	982510
AF	396m SE	Railway Stations	1894	814475
AG	400m S	Unspecified Works	1978	910658
AG	400m S	Unspecified Works	1985 - 1994	980184
T	408m NE	Unspecified Pit	1894	840489
AD	409m SE	Workhouse	1851	794985
Y	413m S	Unspecified Pit	1894	840492
AD	415m SE	Railway Station	1978	848398
AD	415m SE	Railway Station	1971	933110
AD	415m SE	Railway Station	1956	944542
AD	415m SE	Railway Station	1985 - 1988	946558
AF	415m SE	Railway Sidings	1956 - 1971	858586
AF	415m SE	Railway Sidings	1985 - 1994	894545



ID	Location	Land use	Dates present	Group ID
AF	415m SE	Railway Sidings	1978	975236
16	420m N	Unspecified Heap	1894	804007
17	420m SW	Garage	1994	844165
AH	423m NW	Brick Works	1894	2365647
AJ	426m S	Unspecified Mills	1894	808183
AJ	426m S	Unspecified Commercial/Industrial	1923	916985
AJ	448m S	Print Works	1851	832284
18	452m SE	Railway Building	1923	820401
AH	452m N	Unspecified Ground Workings	1906 - 1988	2365836
T	452m NE	Ice Works	1906	808539
T	452m NE	Unspecified Commercial/Industrial	1923	982911
19	453m N	Unspecified Heap	1894	2367587
AK	453m NW	Unspecified Commercial/Industrial	1923	889243
P	454m W	Unspecified Tank	1923	825277
AK	457m NW	Unspecified Commercial/Industrial	1938	881069
V	460m N	Unspecified Pit	1906	2367433
AJ	465m SE	Railway Sidings	1906 - 1938	957965
AJ	470m SE	Railway Sidings	1894	857009
20	471m NW	Unspecified Pit	1894	2367434
AJ	476m S	Unspecified Commercial/Industrial	1851	875380
AH	479m N	Unspecified Heap	1894	2367582
21	479m NW	Unspecified Depot	1985 - 1994	871770
V	479m NE	Unspecified Ground Workings	1894	800620
AM	486m NE	Police Station	1978	832594
AN	486m W	Unspecified Works	1985	854675
AN	486m W	Unspecified Works	1988 - 1994	888710
AN	486m W	Unspecified Works	1978	964209
22	486m S	Unspecified Works	1978	830452



ID	Location	Land use	Dates present	Group ID
AO	487m SE	Railway Sidings	1906 - 1916	869948
AO	487m SE	Railway Sidings	1931 - 1938	965979
V	488m NE	Unspecified Pit	1894	962326
AJ	490m SE	Railway Building	1923	820400
24	492m NW	Nursery	1851	2366453
AD	495m SE	Railway Building	1985	820397
25	498m W	Chemical Works	1851	834547

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

43

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 13**

ID	Location	Land use	Dates present	Group ID
A	30m S	Unspecified Tank	1987 - 1996	131082
A	55m S	Unspecified Tank	1984 - 1987	130354
D	140m W	Unspecified Tank	1891	115608
G	149m SE	Unspecified Tank	1891	116019
I	155m SW	Unspecified Tank	1950	116011
I	163m SW	Unspecified Tank	1950 - 1951	145478
I	182m SW	Unspecified Tank	1933	115610
H	185m E	Unspecified Tank	1891 - 1892	140021
D	186m W	Unspecified Tank	1891	115609
5	188m S	Unspecified Tank	1933	116010
G	191m SE	Tanks	1987 - 1996	124634



ID	Location	Land use	Dates present	Group ID
I	209m SW	Tanks	1891	106840
G	228m SE	Unspecified Tank	1891	116012
G	245m SE	Unspecified Tank	1891	116013
8	247m E	Unspecified Tank	1891	116020
I	251m SW	Tanks	1951	106841
O	274m SW	Tanks	1891	106843
R	289m W	Unspecified Tank	1978	115607
O	304m SW	Unspecified Tank	1891	115611
G	306m SE	Tanks	1996	106839
G	311m SE	Tanks	1950	106845
Q	312m NW	Unspecified Tank	1891	115606
S	312m S	Unspecified Tank	1987 - 1996	128955
S	313m S	Unspecified Tank	1986	138476
R	320m W	Unspecified Tank	1978 - 1987	130133
R	321m W	Unspecified Tank	1994 - 1998	127846
G	321m SE	Unspecified Tank	1987 - 1996	136143
G	325m SE	Tanks	1950 - 1951	143459
G	332m SE	Unspecified Tank	1987 - 1996	146634
U	339m E	Unspecified Tank	1891	116018
N	352m W	Tanks	1984 - 1998	141820
G	354m SE	Unspecified Tank	1908 - 1933	132439
U	355m E	Tanks	1891	106848
W	390m N	Unspecified Tank	1950	116022
W	395m N	Unspecified Tank	1950 - 1954	133768
15	398m S	Unspecified Tank	1950 - 1951	122631
P	406m SW	Unspecified Tank	1922 - 1933	127351
P	420m W	Unspecified Tank	1978 - 1998	138429
AI	423m E	Unspecified Tank	1891	116017



ID	Location	Land use	Dates present	Group ID
AB	428m NW	Tanks	1891	106861
T	463m NE	Tanks	1989 - 1996	145963
T	477m NE	Tanks	1996	106860
AM	486m NE	Unspecified Tank	1952	145826

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

30

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 13**

ID	Location	Land use	Dates present	Group ID
D	134m W	Electricity Substation	1950	78878
D	146m W	Electricity Substation	1950	62193
D	147m W	Electricity Substation	1984 - 1991	68080
D	147m W	Electricity Substation	1993	83881
D	148m W	Electricity Substation	1996	66991
D	148m W	Electricity Substation	1995	73787
D	148m W	Electricity Substation	1993	85170
D	179m W	Electricity Substation	1984 - 1998	65508
I	240m SW	Electricity Substation	1978 - 1998	69078
I	242m SW	Electricity Substation	1984	77202
I	248m SW	Electricity Substation	1950 - 1951	68131
9	261m E	Electricity Substation	1950 - 1954	83928
G	277m SE	Electricity Substation	1950 - 1951	64805
F	299m NE	Electricity Substation	1908 - 1954	64086



ID	Location	Land use	Dates present	Group ID
S	304m S	Electricity Substation	1984 - 1996	64657
F	306m NE	Electricity Substation	1996	82325
F	313m NE	Electricity Substation	1975 - 1989	75992
10	319m N	Electricity Substation	1975 - 1996	80485
AC	383m SE	Electricity Substation	1950	81692
AC	390m SE	Electricity Substation	1950 - 1996	69498
F	404m N	Electricity Substation	1989 - 1996	73652
P	420m SW	Electricity Substation	1994 - 1998	75229
P	421m SW	Electricity Substation	1978 - 1987	66404
AB	442m NW	Electricity Substation	1950 - 1996	70045
AG	445m S	Electricity Substation	1949 - 1994	77083
P	447m W	Electricity Substation	1978 - 1998	83780
T	479m NE	Electricity Substation	1996	62194
V	486m NE	Electricity Substation	1950	84704
T	491m NE	Electricity Substation	1989	80134
T	493m NE	Electricity Substation	1954	67305

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

29

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 13**

ID	Location	Land use	Dates present	Group ID
3	92m N	Garage	1975	20290
G	127m SE	Garages	1951	20521
H	191m E	Garage	1984 - 1996	24235
6	209m NW	Garage	1984	20289
G	300m SE	Garage	1984	22368
G	301m SE	Garage	1950	21306
R	322m W	Garage	1978	20286
11	326m NE	Motor Repair Works	1962 - 1975	24441
G	331m SE	Garage	1958	20653
G	331m SE	Garage	1975	22607
G	331m SE	Garage	1958	21710
G	338m SE	Motor Repair Works	1975	20581
X	361m E	Garage	1958	26976
12	362m NW	Motor Repair Works	1950	26059
Z	372m N	Garage	1989	22331
Z	375m N	Garage	1975 - 1996	25786
X	383m E	Garage	1963 - 1968	27566
X	383m E	Garage	1958	20821
AE	392m NW	Motor Repair Works	1950	26880
AE	408m NW	Garage	-	19880
AD	413m SE	Garage	1951	20291



ID	Location	Land use	Dates present	Group ID
AI	441m E	Garage	1995	23859
AI	442m E	Garage	1990	21257
AI	442m E	Garage	1990	20708
AL	466m SW	Garage	1996 - 1998	25240
AL	466m SW	Garage	1994 - 1995	25277
23	486m SE	Garage	1963 - 1964	27831
AI	489m E	Garage	1990	21627
AI	489m E	Garage	1990 - 1995	25612

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

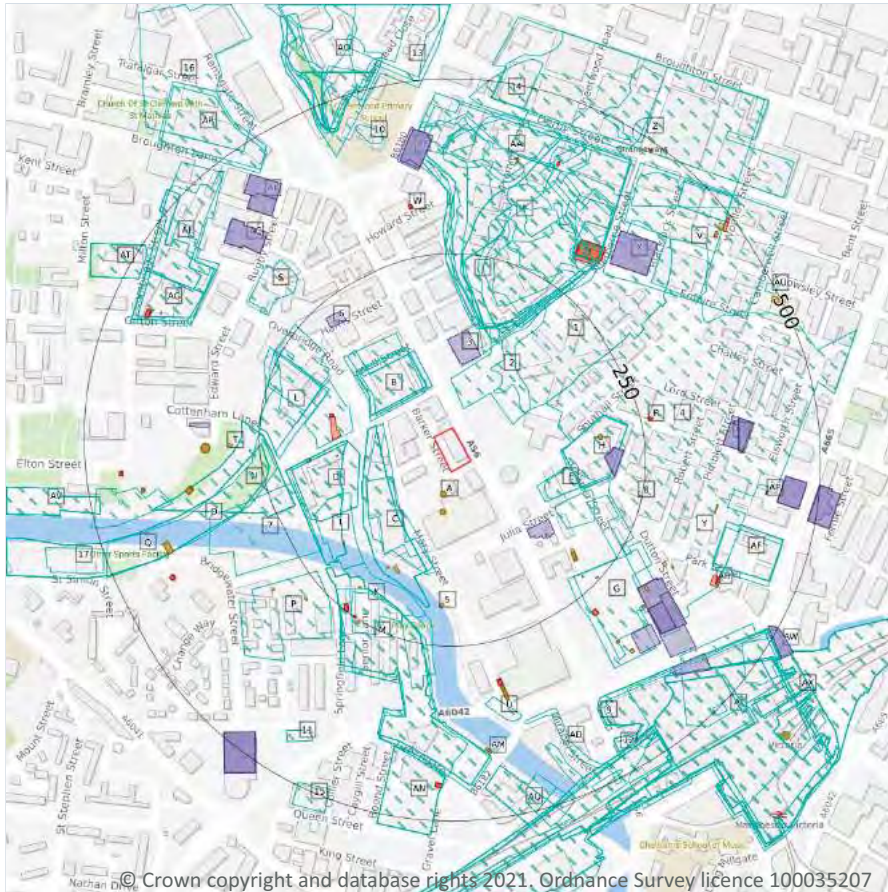
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Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

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

172

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 24**

ID	Location	Land Use	Date	Group ID
1	32m NE	Brick Field	1851	976323
B	63m NW	Unspecified Commercial/Industrial	1923	888780
B	66m NW	Unspecified Works	1978	830449



ID	Location	Land Use	Date	Group ID
C	68m W	Unspecified Works	1985	978731
B	69m NW	Unspecified Commercial/Industrial	1931	945822
B	70m NW	Unspecified Commercial/Industrial	1938	945822
C	78m W	Iron Works	1938	944352
C	78m W	Iron Works	1931	944352
C	78m W	Iron Works	1916	944352
C	78m W	Iron Works	1906	944352
C	78m W	Iron Works	1923	944352
2	79m NE	Unspecified Ground Workings	1851	800623
C	80m SW	Unspecified Works	1978	846327
4	101m E	Brick Field	1851	857249
D	109m W	Unspecified Works	1978	970171
D	109m W	Unspecified Works	1985	893059
E	111m E	Unspecified Pit	1851	840491
F	115m N	Brick Works	1923	864895
D	116m W	Unspecified Commercial/Industrial	1923	796749
D	124m W	Unspecified Commercial/Industrial	1938	946532
D	124m W	Unspecified Commercial/Industrial	1931	946532
D	124m W	Unspecified Commercial/Industrial	1916	946532
D	124m W	Unspecified Commercial/Industrial	1906	946532
D	124m W	Unspecified Commercial/Industrial	1923	946532
H	131m E	Unspecified Commercial/Industrial	1931	912741
H	131m E	Unspecified Commercial/Industrial	1916	863056
H	133m E	Unspecified Commercial/Industrial	1938	889569
F	136m NE	Unspecified Ground Workings	1956	952775
E	138m SE	Unspecified Pit	1851	840490
F	138m NE	Unspecified Ground Workings	1971	952775
I	142m SW	Dye Works	1851	887531



ID	Location	Land Use	Date	Group ID
F	147m N	Unspecified Ground Workings	1931	909181
F	147m N	Printing Works	1931	990346
J	148m N	Unspecified Heap	1894	968607
J	148m N	Brick Works	1894	979486
F	150m N	Unspecified Ground Workings	1938	851823
F	152m N	Unspecified Ground Workings	1916	932201
F	152m N	Brick Works	1916	858389
F	152m N	Brick Works	1906	858389
J	154m N	Unspecified Heap	1923	897701
L	164m NW	Oil Works	1894	834708
L	174m NW	Dye Works	1851	833971
G	176m E	Unspecified Commercial/Industrial	1923	796752
L	176m NW	Unspecified Commercial/Industrial	1923	796748
L	176m NW	Unspecified Works	1971	830448
K	181m SW	Dye Works	1851	887531
M	200m SW	Unspecified Mills	1938	903148
M	200m SW	Unspecified Mills	1931	903148
M	200m SW	Unspecified Mills	1916	888479
M	200m SW	Unspecified Mills	1906	888479
M	207m SW	Unspecified Mills	1923	969431
M	208m S	Cotton Mill	1851	797890
M	209m SW	Unspecified Mills	1894	972875
7	210m SW	Chemical Works	1851	834548
N	221m SW	Unspecified Works	1988	954003
N	221m SW	Unspecified Works	1978	859627
N	221m SW	Unspecified Works	1985	954003
N	221m SW	Unspecified Works	1994	954003
G	222m SE	Brewery	1978	822710



ID	Location	Land Use	Date	Group ID
O	230m W	Unspecified Works	1956	862919
P	240m SW	Unspecified Commercial/Industrial	1923	796745
Q	240m W	Unspecified Commercial/Industrial	1938	914212
Q	240m W	Unspecified Commercial/Industrial	1931	914212
Q	240m W	Unspecified Commercial/Industrial	1916	914212
Q	240m W	Unspecified Commercial/Industrial	1906	914212
Q	240m W	Unspecified Commercial/Industrial	1923	914212
S	288m NW	Unspecified Works	1978	830447
F	296m NE	Electricity Substation	1923	852994
F	300m NE	Unspecified Heap	1894	804006
F	303m NE	Electricity Substation	1916	852994
V	310m NE	Art Metal Works	1894	809854
F	321m NE	Printing Works	1938	959471
F	326m NE	Unspecified Ground Workings	1956	881981
U	327m S	Unspecified Commercial/Industrial	1851	796754
F	330m NE	Unspecified Pit	1894	840488
F	330m N	Unspecified Heaps	1956	831345
F	341m NE	Railway Sidings	1923	886190
Z	353m NE	Unspecified Commercial/Industrial	1938	2367040
AA	359m N	Unspecified Pit	1923	925253
F	360m NE	Railway Sidings	1916	886190
AD	368m SE	Unspecified Ground Workings	1851	800624
AA	368m N	Unspecified Pit	1916	925253
AF	374m E	Hospital	1931	876058
AF	374m E	Hospital	1916	888247
AF	376m E	Hospital	1923	928379
AG	383m NW	Metal Works	1894	843746
AG	385m NW	Unspecified Works	1971	905300



ID	Location	Land Use	Date	Group ID
AG	385m NW	Unspecified Works	1978	886747
Q	385m W	Unspecified Commercial/Industrial	1923	796746
AI	386m SE	Railway Station	1938	955531
AI	386m SE	Railway Station	1931	955531
AI	386m SE	Railway Station	1916	850180
AI	386m SE	Railway Station	1906	850180
AG	388m NW	Unspecified Commercial/Industrial	1906	947541
AG	388m NW	Unspecified Commercial/Industrial	1923	913343
AJ	388m NW	Timber Yard	1906	946968
9	394m SE	Railway Building	1923	820402
AI	394m SE	Railway Station	1923	982510
AL	396m SE	Railway Stations	1894	814475
AN	400m S	Unspecified Works	1988	980184
AN	400m S	Unspecified Works	1978	910658
AN	400m S	Unspecified Works	1985	980184
AN	400m S	Unspecified Works	1994	980184
AJ	404m NW	Timber Yard	1894	946968
V	408m NE	Unspecified Pit	1894	840489
AI	409m SE	Workhouse	1851	794985
AD	413m S	Unspecified Pit	1894	840492
AI	415m SE	Railway Station	1971	933110
AI	415m SE	Railway Station	1956	944542
AI	415m SE	Railway Station	1988	946558
AI	415m SE	Railway Station	1978	848398
AI	415m SE	Railway Station	1985	946558
AL	415m SE	Railway Sidings	1971	858586
AL	415m SE	Railway Sidings	1956	858586
AL	415m SE	Railway Sidings	1988	894545



ID	Location	Land Use	Date	Group ID
AL	415m SE	Railway Sidings	1978	975236
AL	415m SE	Railway Sidings	1985	894545
AL	415m SE	Railway Sidings	1994	894545
10	420m N	Unspecified Heap	1894	804007
11	420m SW	Garage	1994	844165
AO	423m NW	Brick Works	1894	2365647
AQ	426m S	Unspecified Mills	1894	808183
AQ	426m S	Unspecified Commercial/Industrial	1923	916985
AQ	448m S	Print Works	1851	832284
12	452m SE	Railway Building	1923	820401
13	452m N	Unspecified Ground Workings	1923	2365836
V	452m NE	Ice Works	1906	808539
V	452m NE	Unspecified Commercial/Industrial	1923	982911
14	453m N	Unspecified Heap	1894	2367587
AR	453m NW	Unspecified Commercial/Industrial	1923	889243
Q	454m W	Unspecified Tank	1923	825277
AO	456m N	Unspecified Ground Workings	1971	2365836
AO	456m N	Unspecified Ground Workings	1956	2365836
AO	456m N	Unspecified Ground Workings	1978	2365836
AO	456m N	Unspecified Ground Workings	1985	2365836
AR	457m NW	Unspecified Commercial/Industrial	1938	881069
AO	459m NW	Unspecified Ground Workings	1923	2365836
Z	460m N	Unspecified Pit	1906	2367433
AO	460m N	Unspecified Ground Workings	1988	2365836
AO	461m NW	Unspecified Ground Workings	1916	2365836
AO	462m NW	Unspecified Ground Workings	1931	2365836
AO	462m NW	Unspecified Ground Workings	1938	2365836
AO	462m NW	Unspecified Ground Workings	1906	2365836



ID	Location	Land Use	Date	Group ID
Z	465m N	Unspecified Commercial/Industrial	1931	2367040
AQ	465m SE	Railway Sidings	1923	957965
AQ	469m SE	Railway Sidings	1938	957965
AQ	469m SE	Railway Sidings	1931	957965
AQ	469m SE	Railway Sidings	1916	957965
AQ	469m SE	Railway Sidings	1906	957965
AQ	470m SE	Railway Sidings	1894	857009
AO	471m NW	Unspecified Pit	1894	2367434
AQ	476m S	Unspecified Commercial/Industrial	1851	875380
AO	479m N	Unspecified Heap	1894	2367582
AT	479m NW	Unspecified Depot	1988	871770
AT	479m NW	Unspecified Depot	1985	871770
AT	479m NW	Unspecified Depot	1994	871770
Z	479m NE	Unspecified Ground Workings	1894	800620
AU	486m NE	Police Station	1978	832594
AV	486m W	Unspecified Works	1988	888710
AV	486m W	Unspecified Works	1978	964209
AV	486m W	Unspecified Works	1985	854675
AV	486m W	Unspecified Works	1994	888710
15	486m S	Unspecified Works	1978	830452
AX	487m SE	Railway Sidings	1938	965979
AX	487m SE	Railway Sidings	1931	965979
AX	487m SE	Railway Sidings	1916	869948
AX	487m SE	Railway Sidings	1906	869948
Z	488m NE	Unspecified Pit	1894	962326
AQ	490m SE	Railway Building	1923	820400
16	492m NW	Nursery	1851	2366453
AI	495m SE	Railway Building	1985	820397



ID	Location	Land Use	Date	Group ID
17	498m W	Chemical Works	1851	834547

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

84

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 24**

ID	Location	Land Use	Date	Group ID
A	30m S	Unspecified Tank	1996	131082
A	30m S	Unspecified Tank	1987	131082
A	55m S	Unspecified Tank	1984	130354
A	55m S	Unspecified Tank	1987	130354
A	55m S	Unspecified Tank	1986	130354
D	140m W	Unspecified Tank	1891	115608
G	149m SE	Unspecified Tank	1891	116019
K	155m SW	Unspecified Tank	1950	116011
K	163m SW	Unspecified Tank	1950	145478
K	163m SW	Unspecified Tank	1951	145478
I	182m SW	Unspecified Tank	1933	115610
H	185m E	Unspecified Tank	1891	140021
H	185m E	Unspecified Tank	1892	140021
D	186m W	Unspecified Tank	1891	115609
5	188m S	Unspecified Tank	1933	116010
G	191m SE	Tanks	1996	124634
G	195m SE	Tanks	1987	124634
K	209m SW	Tanks	1891	106840
G	228m SE	Unspecified Tank	1891	116012



ID	Location	Land Use	Date	Group ID
G	245m SE	Unspecified Tank	1891	116013
8	247m E	Unspecified Tank	1891	116020
K	251m SW	Tanks	1951	106841
P	274m SW	Tanks	1891	106843
T	289m W	Unspecified Tank	1978	115607
P	304m SW	Unspecified Tank	1891	115611
G	306m SE	Tanks	1996	106839
G	311m SE	Tanks	1950	106845
S	312m NW	Unspecified Tank	1891	115606
U	312m S	Unspecified Tank	1996	128955
U	313m S	Unspecified Tank	1987	128955
U	313m S	Unspecified Tank	1987	128955
U	313m S	Unspecified Tank	1986	138476
T	320m W	Unspecified Tank	1984	130133
T	321m W	Unspecified Tank	1994	127846
T	321m W	Unspecified Tank	1994	127846
T	321m W	Unspecified Tank	1996	127846
T	321m W	Unspecified Tank	1995	127846
T	321m W	Unspecified Tank	1998	127846
G	321m SE	Unspecified Tank	1987	136143
G	321m SE	Unspecified Tank	1996	136143
T	321m W	Unspecified Tank	1978	130133
T	321m W	Unspecified Tank	1987	130133
T	321m W	Unspecified Tank	1987	130133
G	325m SE	Tanks	1951	143459
G	325m SE	Tanks	1950	143459
G	332m SE	Unspecified Tank	1987	146634
G	332m SE	Unspecified Tank	1996	146634



ID	Location	Land Use	Date	Group ID
Y	339m E	Unspecified Tank	1891	116018
O	352m W	Tanks	1984	141820
O	352m W	Tanks	1994	141820
O	352m W	Tanks	1994	141820
O	352m W	Tanks	1996	141820
O	352m W	Tanks	1995	141820
O	352m W	Tanks	1998	141820
O	353m W	Tanks	1987	141820
O	353m W	Tanks	1987	141820
G	354m SE	Unspecified Tank	1908	132439
G	354m SE	Unspecified Tank	1922	132439
G	354m SE	Unspecified Tank	1933	132439
Y	355m E	Tanks	1891	106848
AA	390m N	Unspecified Tank	1950	116022
AA	395m N	Unspecified Tank	1954	133768
AA	395m N	Unspecified Tank	1950	133768
AM	398m S	Unspecified Tank	1950	122631
AM	398m S	Unspecified Tank	1951	122631
AM	398m S	Unspecified Tank	1950	122631
Q	406m SW	Unspecified Tank	1922	127351
Q	406m SW	Unspecified Tank	1933	127351
Q	420m W	Unspecified Tank	1994	138429
Q	420m W	Unspecified Tank	1994	138429
Q	420m W	Unspecified Tank	1996	138429
Q	420m W	Unspecified Tank	1995	138429
Q	420m W	Unspecified Tank	1998	138429
Q	420m W	Unspecified Tank	1984	138429
Q	421m W	Unspecified Tank	1978	138429



ID	Location	Land Use	Date	Group ID
Q	421m W	Unspecified Tank	1987	138429
Q	421m W	Unspecified Tank	1987	138429
AP	423m E	Unspecified Tank	1891	116017
AG	428m NW	Tanks	1891	106861
V	463m NE	Tanks	1989	145963
V	464m NE	Tanks	1996	145963
V	477m NE	Tanks	1996	106860
AU	486m NE	Unspecified Tank	1952	145826
AU	486m NE	Unspecified Tank	1952	145826

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

107

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 24**

ID	Location	Land Use	Date	Group ID
D	134m W	Electricity Substation	1950	78878
D	146m W	Electricity Substation	1950	62193
D	147m W	Electricity Substation	1986	68080
D	147m W	Electricity Substation	1986	68080
D	147m W	Electricity Substation	1991	68080
D	147m W	Electricity Substation	1993	83881
D	147m W	Electricity Substation	1984	68080
D	148m W	Electricity Substation	1995	73787
D	148m W	Electricity Substation	1993	85170
D	148m W	Electricity Substation	1996	66991
D	179m W	Electricity Substation	1984	65508



ID	Location	Land Use	Date	Group ID
D	179m W	Electricity Substation	1994	65508
D	179m W	Electricity Substation	1994	65508
D	179m W	Electricity Substation	1996	65508
D	179m W	Electricity Substation	1995	65508
D	179m W	Electricity Substation	1998	65508
D	180m W	Electricity Substation	1987	65508
D	180m W	Electricity Substation	1987	65508
K	240m SW	Electricity Substation	1994	69078
K	240m SW	Electricity Substation	1994	69078
K	240m SW	Electricity Substation	1996	69078
K	240m SW	Electricity Substation	1995	69078
K	240m SW	Electricity Substation	1998	69078
K	242m SW	Electricity Substation	1978	69078
K	242m SW	Electricity Substation	1987	69078
K	242m SW	Electricity Substation	1987	69078
K	242m SW	Electricity Substation	1984	77202
K	248m SW	Electricity Substation	1950	68131
K	248m SW	Electricity Substation	1951	68131
R	261m E	Electricity Substation	1954	83928
R	261m E	Electricity Substation	1950	83928
R	261m E	Electricity Substation	1950	83928
G	277m SE	Electricity Substation	1951	64805
G	277m SE	Electricity Substation	1950	64805
G	277m SE	Electricity Substation	1950	64805
F	299m NE	Electricity Substation	1908	64086
F	299m NE	Electricity Substation	1922	64086
U	304m S	Electricity Substation	1996	64657
U	304m S	Electricity Substation	1984	64657



ID	Location	Land Use	Date	Group ID
U	304m S	Electricity Substation	1987	64657
U	304m S	Electricity Substation	1987	64657
U	305m S	Electricity Substation	1986	64657
F	306m NE	Electricity Substation	1950	64086
F	306m NE	Electricity Substation	1954	64086
F	306m NE	Electricity Substation	1950	64086
F	306m NE	Electricity Substation	1996	82325
F	313m NE	Electricity Substation	1989	75992
F	315m NE	Electricity Substation	1975	75992
W	319m N	Electricity Substation	1975	80485
W	319m N	Electricity Substation	1996	80485
W	320m N	Electricity Substation	1989	80485
AH	383m SE	Electricity Substation	1950	81692
AH	390m SE	Electricity Substation	1996	69498
AH	390m SE	Electricity Substation	1984	69498
AH	390m SE	Electricity Substation	1987	69498
AH	390m SE	Electricity Substation	1987	69498
AH	391m SE	Electricity Substation	1986	69498
AH	391m SE	Electricity Substation	1951	69498
AH	391m SE	Electricity Substation	1950	69498
F	404m N	Electricity Substation	1989	73652
F	405m N	Electricity Substation	1996	73652
Q	420m SW	Electricity Substation	1994	75229
Q	420m SW	Electricity Substation	1994	75229
Q	420m SW	Electricity Substation	1996	75229
Q	420m SW	Electricity Substation	1995	75229
Q	420m SW	Electricity Substation	1998	75229
Q	421m SW	Electricity Substation	1984	66404



ID	Location	Land Use	Date	Group ID
Q	421m SW	Electricity Substation	1978	66404
Q	421m SW	Electricity Substation	1987	66404
Q	421m SW	Electricity Substation	1987	66404
AG	442m NW	Electricity Substation	1981	70045
AG	442m NW	Electricity Substation	1986	70045
AG	442m NW	Electricity Substation	1986	70045
AG	442m NW	Electricity Substation	1991	70045
AG	443m NW	Electricity Substation	1950	70045
AG	443m NW	Electricity Substation	1950	70045
AG	443m NW	Electricity Substation	1984	70045
AG	444m NW	Electricity Substation	1995	70045
AG	444m NW	Electricity Substation	1993	70045
AG	444m NW	Electricity Substation	1996	70045
AG	444m NW	Electricity Substation	1993	70045
AN	445m S	Electricity Substation	1994	77083
AN	445m S	Electricity Substation	1992	77083
AN	446m S	Electricity Substation	1949	77083
AN	446m S	Electricity Substation	1955	77083
AN	446m S	Electricity Substation	1970	77083
AN	446m S	Electricity Substation	1989	77083
AN	446m S	Electricity Substation	1957	77083
AN	446m S	Electricity Substation	1970	77083
AN	446m S	Electricity Substation	1979	77083
AN	446m S	Electricity Substation	1979	77083
AN	446m S	Electricity Substation	1979	77083
AN	446m S	Electricity Substation	1985	77083
Q	447m W	Electricity Substation	1984	83780
Q	448m W	Electricity Substation	1994	83780



ID	Location	Land Use	Date	Group ID
Q	448m W	Electricity Substation	1994	83780
Q	448m W	Electricity Substation	1996	83780
Q	448m W	Electricity Substation	1995	83780
Q	448m W	Electricity Substation	1998	83780
Q	448m W	Electricity Substation	1978	83780
Q	448m W	Electricity Substation	1987	83780
Q	448m W	Electricity Substation	1987	83780
V	479m NE	Electricity Substation	1996	62194
Z	486m NE	Electricity Substation	1950	84704
Z	487m NE	Electricity Substation	1950	84704
V	491m NE	Electricity Substation	1989	80134
V	493m NE	Electricity Substation	1954	67305

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

42

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 24**

ID	Location	Land Use	Date	Group ID
3	92m N	Garage	1975	20290



ID	Location	Land Use	Date	Group ID
G	127m SE	Garages	1951	20521
H	191m E	Garage	1984	24235
H	192m E	Garage	1996	24235
6	209m NW	Garage	1984	20289
G	300m SE	Garage	1984	22368
G	301m SE	Garage	1950	21306
T	322m W	Garage	1978	20286
X	326m NE	Motor Repair Works	1975	24441
X	326m NE	Motor Repair Works	1962	24441
G	331m SE	Garage	1958	20653
G	331m SE	Garage	1975	22607
G	331m SE	Garage	1958	21710
G	338m SE	Motor Repair Works	1975	20581
AB	361m E	Garage	1958	26976
AB	361m E	Garage	1958	26976
AC	362m NW	Motor Repair Works	1950	26059
AC	363m NW	Motor Repair Works	1950	26059
AE	372m N	Garage	1989	22331
AE	375m N	Garage	1996	25786
AE	377m N	Garage	1975	25786
AB	383m E	Garage	1964	27566
AB	383m E	Garage	1963	27566
AB	383m E	Garage	1958	20821
AB	387m E	Garage	1968	27566
AK	392m NW	Motor Repair Works	1950	26880
AK	393m NW	Motor Repair Works	1950	26880
AK	408m NW	Garage	-	19880
AI	413m SE	Garage	1951	20291



ID	Location	Land Use	Date	Group ID
AP	441m E	Garage	1995	23859
AP	442m E	Garage	1990	21257
AP	442m E	Garage	1990	20708
AS	466m SW	Garage	1995	25277
AS	466m SW	Garage	1998	25240
AS	466m SW	Garage	1994	25277
AS	466m SW	Garage	1994	25277
AS	466m SW	Garage	1996	25240
AW	486m SE	Garage	1963	27831
AW	487m SE	Garage	1964	27831
AP	489m E	Garage	1995	25612
AP	489m E	Garage	1990	21627
AP	489m E	Garage	1990	25612

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

1

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

Features are displayed on the Waste and landfill map on **page 41**

ID	Location	Site address	Source	Data type
2	304m NW	Pricewise, 1 Overbridge Road, Salford	Manchester city council	Point

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

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

Features are displayed on the Waste and landfill map on **page 41**

ID	Location	Details		
A	85m W	Site Address: Overbridge Road, Salford, Greater Manchester Licence Holder Address: -	Waste Licence: - Site Reference: E090 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m

12

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 41**



ID	Location	Address	Further Details	Date
A	215m W	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
A	215m W	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
3	378m NW	Site Address: N/A	Type of Site: Waste Rubber Store Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1922
F	390m SE	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1984
F	390m SE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
F	390m SE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
F	394m SE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1985
F	402m SE	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1974
4	418m SW	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	464m W	Site Address: N/A	Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1908
G	464m W	Site Address: N/A	Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1922
G	464m W	Site Address: N/A	Type of Site: Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1933

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

3.6 Licensed waste sites

Records within 500m

4

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

Features are displayed on the Waste and landfill map on **page 41**

ID	Location	Details		
A	211m W	Site Name: M B S & Partfirst Site Address: 23, Cottenham Lane, Salford, Manchester, M7 1TH Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MOT002 EPR reference: EA/EPR/SP3694CX/A001 Operator: Motor Body Services (salford) Ltd Waste Management licence No: 50240 Annual Tonnage: 2500	Issue Date: 13/07/2004 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
A	211m W	Site Name: M B S & Partfirst Site Address: 23, Cottenham Lane, Salford, Manchester, M7 1TH Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MOT002 EPR reference: EA/EPR/SP3694CX/A001 Operator: Motor Body Services (Salford) Ltd Waste Management licence No: 50240 Annual Tonnage: 2500	Issue Date: 13/07/2004 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	374m W	Site Name: Granyte Surface Coatings Plc Site Address: Cambridge Industrial Area, Cottenham Lane, Salford, Lancashire, M7 1GS Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GSC001 EPR reference: EA/EPR/UP3692CM/S002 Operator: Granyte Surface Coatings Plc Waste Management licence No: 53446 Annual Tonnage: 50000	Issue Date: 21/09/1999 Effective Date: - Modified:: - Surrendered Date: Jul 3 2002 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
5	454m NW	Site Name: Star Drums Site Address: Unit 26, Caroline Street, Salford, Manchester, M7 1SS Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EGR001 EPR reference: EA/EPR/YP3492CM/A001 Operator: Gregson Ernest Waste Management licence No: 53620 Annual Tonnage: 2083.333	Issue Date: 15/03/1996 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

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

3.7 Waste exemptions

Records within 500m

16

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 41**



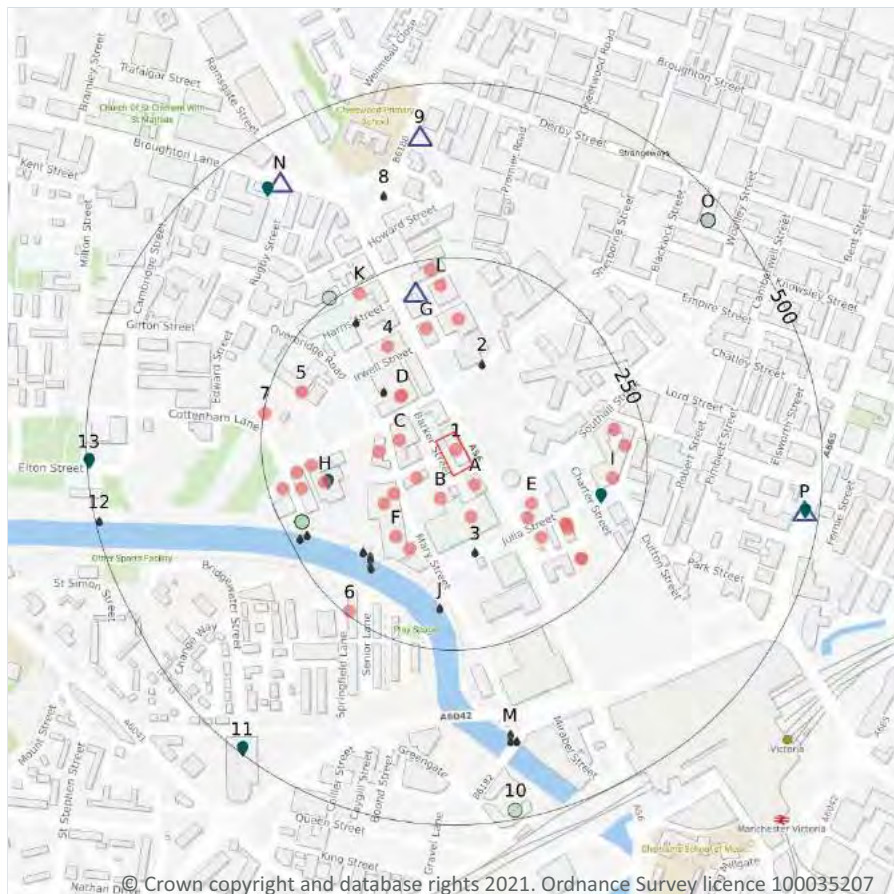
ID	Location	Site	Reference	Category	Sub-Category	Description
B	195m NE	Pharmacy Dept HMP Manchester Southall Street Manchester Lancashire M60 9AH	EPR/EE5285VK /A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX217664	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX225758	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX079879	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	197m NE	SOUTHALL STREET, MANCHESTER, M60 9AH	WEX040883	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
B	200m NE	HMP Manchester Southall Street Manchester Lancashire M60 9AH	EPR/KE5042FK /A001	Treating waste exemption	Non- Agricultural Waste Only	Sorting and de-naturing of controlled drugs for disposal
C	276m SE	-	WEX232815	Using waste exemption	Not on a farm	Use of waste in construction
C	276m SE	-	WEX232815	Treating waste exemption	Not on a farm	Screening and blending of waste
1	303m S	c/o PR Group, Senior Lane, Salford, Greater Manchester, M37FF	WEX226919	Using waste exemption	Not on a farm	Use of waste in construction
D	320m SW	Vacant Site off Springfield Lane, Springfield Lane, Salford, Salford, M3 7EH	WEX015955	Treating waste exemption	Not on a farm	Screening and blending of waste
D	320m SW	Vacant Site off Springfield Lane, Springfield Lane, Salford, Salford, M3 7EH	WEX015955	Using waste exemption	Not on a farm	Use of waste in construction
E	354m W	Unit B Springfield Park, Cottenham Lane, Salford, M7 1TW	EA/EPR/VP384 0BQ/A001	Treating waste exemption	Non- Agricultural 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
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

38

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 48**

ID	Location	Company	Address	Activity	Category
1	On site	I CCTV UK Ltd	Unit 35 Great Ducie Street, Manchester, Greater Manchester, M3 1FF	Electronic Equipment	Industrial Products
A	26m SE	Maxx Car Custom	Unit 3 153, Great Ducie Street, Manchester, Greater Manchester, M3 1FB	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	37m SW	Tank	Greater Manchester, M3	Tanks (Generic)	Industrial Features



ID	Location	Company	Address	Activity	Category
B	49m SW	Warehouse	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
C	52m W	Works	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
A	64m SE	Warehouse	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
D	81m NW	Eurosonic Group	11, Sherborne Street, Manchester, Greater Manchester, M3 1JS	Electronic Equipment	Industrial Products
D	82m NW	Warehouse	Greater Manchester, M8	Container and Storage	Transport, Storage and Delivery
C	83m W	Warehouse	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
B	88m SW	Caribbean Crush Alderley Edge Drinks Co	First Floor June Almond House, Mary Street, Manchester, Greater Manchester, M3 1DZ	Non Alcoholic Drinks	Foodstuffs
E	100m SE	Depot	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
B	106m SW	Warehouse	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
E	109m SE	Salford Car Hire	82, Great Ducie Street, Manchester, Greater Manchester, M3 1LT	Vehicle Hire and Rental	Hire Services
F	120m SW	Works	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
F	121m SW	Factory	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
E	143m SE	Depot	Greater Manchester, M3	Container and Storage	Transport, Storage and Delivery
4	152m NW	Warehouse	Greater Manchester, M8	Container and Storage	Transport, Storage and Delivery
G	154m N	Luxview	Ground Floor Rear 26, Bury New Road, Manchester, Greater Manchester, M8 8EL	Electronic Equipment	Industrial Products
E	158m SE	Joseph Segal Ltd	Cortress House, Julia Street, Manchester, Greater Manchester, M3 1DQ	Packaging	Industrial Products
E	158m SE	Riverside Outlet Ltd	Cortress House, Julia Street, Manchester, Greater Manchester, M3 1DQ	Textiles, Fabrics, Silk and Machinery	Industrial Products



ID	Location	Company	Address	Activity	Category
G	162m N	Warehouse	Greater Manchester, M8	Container and Storage	Transport, Storage and Delivery
E	163m SE	Factory	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
H	169m W	Chemipat Ltd	Sherborne Street West, Salford, Greater Manchester, M3 7LF	Adhesives and Sealants	Industrial Products
H	182m W	Electricity Sub Station	Greater Manchester, M3	Electrical Features	Infrastructure and Facilities
I	201m E	Temple of Vendora	55, Julia Street, Manchester, Greater Manchester, M3 1LN	Distribution and Haulage	Transport, Storage and Delivery
H	203m W	Dream Zone	Casablanca Mill 19, Sherborne Street West, Salford, Greater Manchester, M3 7LF	Beds and Bedding	Consumer Products
H	204m W	Moontex Bedding	Casablanca Mill 19, Sherborne Street West, Salford, Greater Manchester, M3 7LF	Textiles, Fabrics, Silk and Machinery	Industrial Products
5	206m W	Esskay Textile Co	25, Overbridge Road, Salford, Greater Manchester, M7 1SL	Beds and Bedding	Consumer Products
E	206m SE	Tank	Greater Manchester, M3	Tanks (Generic)	Industrial Features
E	206m SE	Tanks	Greater Manchester, M3	Tanks (Generic)	Industrial Features
I	208m E	Works	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
L	212m N	Tech Vision	4, Dewhurst Street, Manchester, Greater Manchester, M8 8FT	Electronic Equipment	Industrial Products
I	220m E	Factory	Greater Manchester, M3	Unspecified Works Or Factories	Industrial Features
H	229m W	Cooper & Stollbrand	Cottenham House 1, Cottenham Lane, Salford, Greater Manchester, M3 7LJ	Clothing, Components and Accessories	Consumer Products
L	234m N	Warehouse	Greater Manchester, M8	Container and Storage	Transport, Storage and Delivery
K	240m NW	Factory	Greater Manchester, M8	Unspecified Works Or Factories	Industrial Features
6	245m SW	Electricity Sub Station	Greater Manchester, M3	Electrical Features	Infrastructure and Facilities
7	248m W	Scrap Yard	Greater Manchester, M7	Scrap Metal Merchants	Recycling Services

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m

4

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 48**

ID	Location	Company	Address	LPG	Status
L	208m N	OBSOLETE	Waterloo Road, Manchester, Greater Manchester, M8 8GJ	Not Applicable	Obsolete
9	426m N	GULF	Waterloo Road, Strangeways, Manchester, Greater Manchester, M8 8GJ	No	Open
N	433m NW	TEXACO	25, Broughton Lane, Rugby Street, Strangeways, Manchester, Greater Manchester, M8 9UE	No	Open
P	478m E	OBSOLETE	37-41, Cheetham Hill Road, Manchester, Greater Manchester, M4 4FT	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m

0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m

0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

0

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

This data is sourced from Local Authority records.



4.6 Control of Major Accident Hazards (COMAH)

Records within 500m

0

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.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m

0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

0

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.

This data is sourced from Local Authority records.

4.9 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.

4.10 Licensed industrial activities (Part A(1))

Records within 500m

0

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

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



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

Records within 500m

6

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 48**

ID	Location	Address	Details	
H	164m W	Chemipat Limited, Sherborne Street West, Salford, M3 7LF	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: Enforcement Notified Date of enforcement: 14/06/2007 Comment: EPA enforcement notice section 13
I	188m E	Park Gge Manchester Ltd, Cheviot St, M3 1LW	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
N	434m NW	Rainbow Garages Ltd (Formerly Synergie), Texaco, 25 Broughton Lane, Salford, M8 9UE	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
P	479m E	Cheetham Hill Serv Stn, Cheetham Hill Rd, M4 4FT	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
11	493m SW	Renault (Manchester) Limited, Trinity Way, Salford, M3 7FT	Process: Coating Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
13	497m W	Granyte Surface Coatings Plc, Cambridge Industrial Estate, Elton Street, Salford, M7 1TJ	Process: Coating Processes 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.



4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

33

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 48**

ID	Location	Address	Details	
D	103m NW	BURY NEW ROAD/WATERLOO ROAD CSO, 20-28 WATERLOO ROAD, MANCHESTER, GREATER MANCHESTER, M8 8GJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982984 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 22/06/1995 Revocation Date: 22/10/2019
2	105m N	SHERBOURNE ST, MANCHESTER	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0358 Permit Version: 1 Receiving Water: -	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: -
3	114m S	JULIA ST/MIRGHEL ST, SSO, MANCHESTER	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 01MAN0063 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/09/1993 Revocation Date: 15/09/1993
F	164m SW	FAIRY LANE CSO 281T3, FAIRY LANE CANON SLEIGH CLOSE, MANCHESTER, GREATER MANCHESTER, M8 8DD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0066 Permit Version: 4 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 05/02/2016 Effective Date: 05/02/2016 Revocation Date: 10/04/2018



ID	Location	Address	Details	
F	166m SW	BURY NEW RD LOCKETT ST CSO, ABA FASHIONS LTD, 2 SAGAR STREET, MANCHESTER, M8 8EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982899 Permit Version: 5 Receiving Water: RIVER IRWELL VIA SRF WTR SEWER	Status: VARIED UNDER EPR 2010 Issue date: 12/03/2018 Effective Date: 01/04/2018 Revocation Date: -
F	166m SW	BURY NEW ROAD/WATERLOO ROAD CSO, 20-28 WATERLOO ROAD, MANCHESTER, GREATER MANCHESTER, M8 8GJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982984 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 23/10/2019 Revocation Date: -
F	166m SW	FAIRY LANE CSO 281T3, FAIRY LANE CANON SLEIGH CLOSE, MANCHESTER, GREATER MANCHESTER, M8 8DD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0066 Permit Version: 5 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 11/04/2018 Effective Date: 11/04/2018 Revocation Date: -
F	169m SW	SHERBORNE STREET CSO, SHERBORNE ST JUCT GRT DUCIE ST, MANCHESTER, M3 1EJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993836 Permit Version: 1 Receiving Water: THE RIVER IRWELL	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/04/2006 Effective Date: 20/04/2006 Revocation Date: 31/03/2018
F	169m SW	BURY NEW RD/TENERIFFE ST, SALFORD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0025 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 21/03/2006
F	170m SW	BURY NEW RD LOCKETT ST CSO, ABA FASHIONS LTD, 2 SAGAR STREET, MANCHESTER, M8 8EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982899 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/01/1995 Revocation Date: 10/05/1995
F	170m SW	BURY NEW RD LOCKETT ST CSO, ABA FASHIONS LTD, 2 SAGAR STREET, MANCHESTER, M8 8EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982899 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 11/05/1995 Revocation Date: 13/11/1995



ID	Location	Address	Details	
F	170m SW	BURY NEW RD LOCKETT ST CSO, ABA FASHIONS LTD, 2 SAGAR STREET, MANCHESTER, M8 8EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982899 Permit Version: 3 Receiving Water: RIVER IRWELL	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 14/11/1995 Effective Date: 14/11/1995 Revocation Date: 20/03/2006
F	170m SW	BURY NEW RD LOCKETT ST CSO, ABA FASHIONS LTD, 2 SAGAR STREET, MANCHESTER, M8 8EU	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016982899 Permit Version: 4 Receiving Water: RIVER IRWELL	Status: MODIFIED - (WRA 91 SCHD 10 - AS AMENDED BY ENV ACT 1995) Issue date: 21/03/2006 Effective Date: 21/03/2006 Revocation Date: 31/03/2018
F	170m SW	FAIRY LANE CSO 281T3, FAIRY LANE CANON SLEIGH CLOSE, MANCHESTER, GREATER MANCHESTER, M8 8DD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0066 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 13/04/2009
F	170m SW	FAIRY LANE CSO 281T3, FAIRY LANE CANON SLEIGH CLOSE, MANCHESTER, GREATER MANCHESTER, M8 8DD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0066 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 14/04/2009 Effective Date: 14/04/2009 Revocation Date: 02/09/2010
F	170m SW	FAIRY LANE CSO 281T3, FAIRY LANE CANON SLEIGH CLOSE, MANCHESTER, GREATER MANCHESTER, M8 8DD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0066 Permit Version: 3 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 03/09/2010 Effective Date: 03/09/2010 Revocation Date: 04/02/2016
F	170m SW	SHERBORNE STREET CSO, SHERBORNE ST JUCT GRT DUCIE ST, MANCHESTER, M3 1EJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993836 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 12/03/2018 Effective Date: 01/04/2018 Revocation Date: -
F	170m SW	SHERBORNE STREET CSO, SHERBORNE ST JUCT GRT DUCIE ST, MANCHESTER, M3 1EJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0052 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 19/04/2006



ID	Location	Address	Details	
F	177m SW	BURY NEW ROAD SALFORD CSO, ADJACENT TO 218 BURY NEW ROAD, SALFORD, GREATER MANCHESTER, M8 8DY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993784 Permit Version: 1 Receiving Water: THE RIVER IRWELL	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/03/2006 Effective Date: 21/03/2006 Revocation Date: 08/01/2020
F	177m SW	BURY NEW ROAD SALFORD CSO, ADJACENT TO 218 BURY NEW ROAD, SALFORD, GREATER MANCHESTER, M8 8DY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993784 Permit Version: 2 Receiving Water: THE RIVER IRWELL VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 09/01/2020 Effective Date: 09/01/2020 Revocation Date: -
J	191m S	JULIA SREETT CSO, 43 JULIA STREET, MANCHESTER, GREATER MANCHESTER, M3 1FB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0005 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
J	191m S	JULIA SREETT CSO, 43 JULIA STREET, MANCHESTER, GREATER MANCHESTER, M3 1FB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0005 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 06/02/2020
J	191m S	JULIA SREETT CSO, 43 JULIA STREET, MANCHESTER, GREATER MANCHESTER, M3 1FB	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0005 Permit Version: 3 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 07/02/2020 Effective Date: 07/02/2020 Revocation Date: -
K	205m NW	BURY NEW ROAD SALFORD CSO, ADJACENT TO 218 BURY NEW ROAD, SALFORD, GREATER MANCHESTER, M8 8DY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0024 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: CONSENT REVOKED OR REVISED - NEW CONSENT ISSUED (37(1)) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 20/03/2006
H	225m SW	COTTENHAM LANE CSO 372RZ, COTTENHAM LANE, SALFORD, GREATER MANCHESTER, M3 7LJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0081 Permit Version: 3 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 30/08/2017 Effective Date: 24/08/2017 Revocation Date: 01/08/2018



ID	Location	Address	Details	
H	225m SW	COTTENHAM LANE CSO 372RZ, COTTENHAM LANE, SALFORD, GREATER MANCHESTER, M3 7LJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0081 Permit Version: 4 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 02/08/2018 Effective Date: 02/08/2018 Revocation Date: -
H	236m SW	COTTENHAM LANE CSO 372RZ, COTTENHAM LANE, SALFORD, GREATER MANCHESTER, M3 7LJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0081 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: - Effective Date: 01/01/1995 Revocation Date: 13/04/2009
H	236m SW	COTTENHAM LANE CSO 372RZ, COTTENHAM LANE, SALFORD, GREATER MANCHESTER, M3 7LJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01SAL0081 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 14/04/2009 Effective Date: 14/04/2009 Revocation Date: 24/08/2017
8	352m N	WATERLOO ROAD, SSO, MANCHESTER	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: 01MAN0070 Permit Version: 1 Receiving Water: BROUGHTON BROOK	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 15/09/1993 Revocation Date: 15/09/1993
M	378m S	BEAUMONT BUILDING CSO 28049, JNT NEW BRIDGE ST GREAT DUCIE ST, MAN0051, MANCHESTER, M3 1PQ	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993837 Permit Version: 1 Receiving Water: THE RIVER IRWELL	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 20/04/2006 Effective Date: 31/03/2008 Revocation Date: 10/04/2018
M	388m S	BEAUMONT BUILDING CSO 28049, JNT NEW BRIDGE ST GREAT DUCIE ST, MAN0051, MANCHESTER, M3 1PQ	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: 016993837 Permit Version: 2 Receiving Water: RIVER IRWELL	Status: VARIED UNDER EPR 2010 Issue date: 11/04/2018 Effective Date: 11/04/2018 Revocation Date: -
M	390m S	BEAUMONT BUILDING CSO 28049, JNT NEW BRIDGE ST GREAT DUCIE ST, MAN0051, MANCHESTER, M3 1PQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 01MAN0051 Permit Version: 1 Receiving Water: RIVER IRWELL	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/01/1995 Effective Date: 01/01/1995 Revocation Date: 30/03/2008



ID	Location	Address	Details	
12	495m W	BURY NEW ROAD SALFORD CSO, ADJACENT TO 218 BURY NEW ROAD, SALFORD, GREATER MANCHESTER, M8 8DY	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: 016993784 Permit Version: 2 Receiving Water: THE RIVER IRWELL VIA SWS	Status: VARIED UNDER EPR 2010 Issue date: 09/01/2020 Effective Date: 09/01/2020 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0
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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.

4.15 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.

4.16 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.

4.17 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.



4.18 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 48**

ID	Location	Details	
H	223m SW	Incident Date: 25/07/2002 Incident Identification: 94305 Pollutant: Specific Waste Materials:Specific Waste Materials Pollutant Description: Asbestos:Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	223m SW	Incident Date: 25/07/2002 Incident Identification: 94305 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	223m SW	Incident Date: 25/07/2002 Incident Identification: 94305 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
K	256m NW	Incident Date: 18/12/2001 Incident Identification: 48731 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
O	471m NE	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
O	471m NE	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
O	471m NE	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Contaminated Soil	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)
O	471m NE	Incident Date: 02/12/2010 Incident Identification: 841985 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 2 (Significant)



ID	Location	Details	
10	486m S	Incident Date: 02/08/2001 Incident Identification: 21338 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)

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

4.19 Pollution inventory substances

Records within 500m	0
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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.

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

4.20 Pollution inventory waste transfers

Records within 500m	0
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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.

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

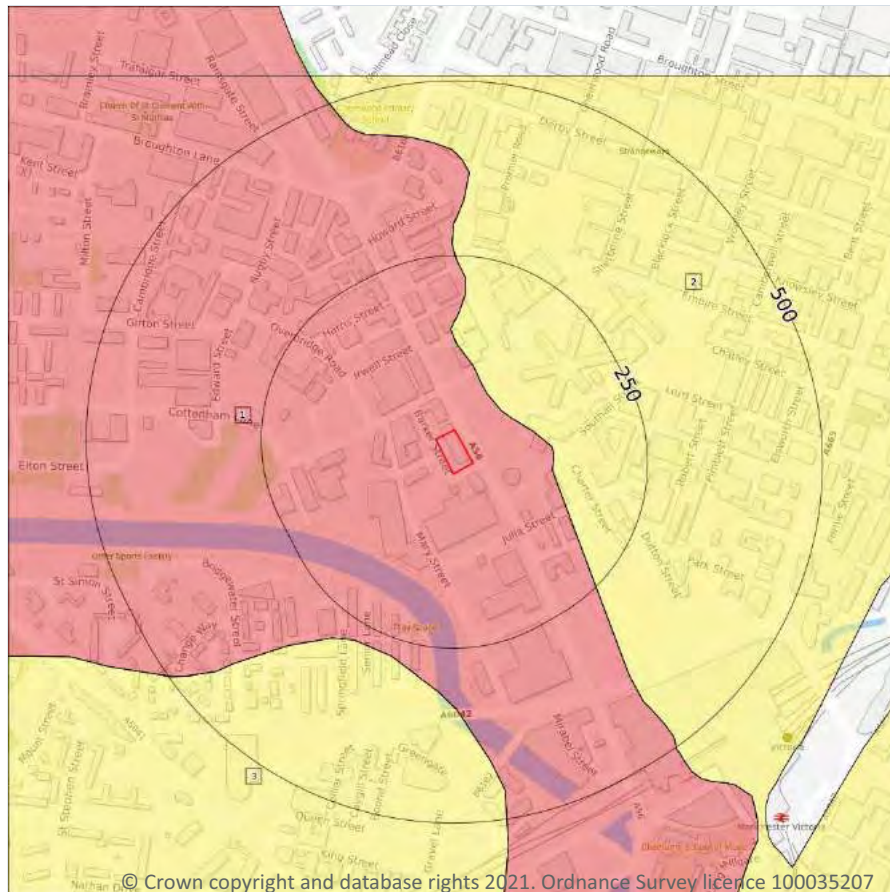
4.21 Pollution inventory radioactive waste

Records within 500m	0
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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

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 62**

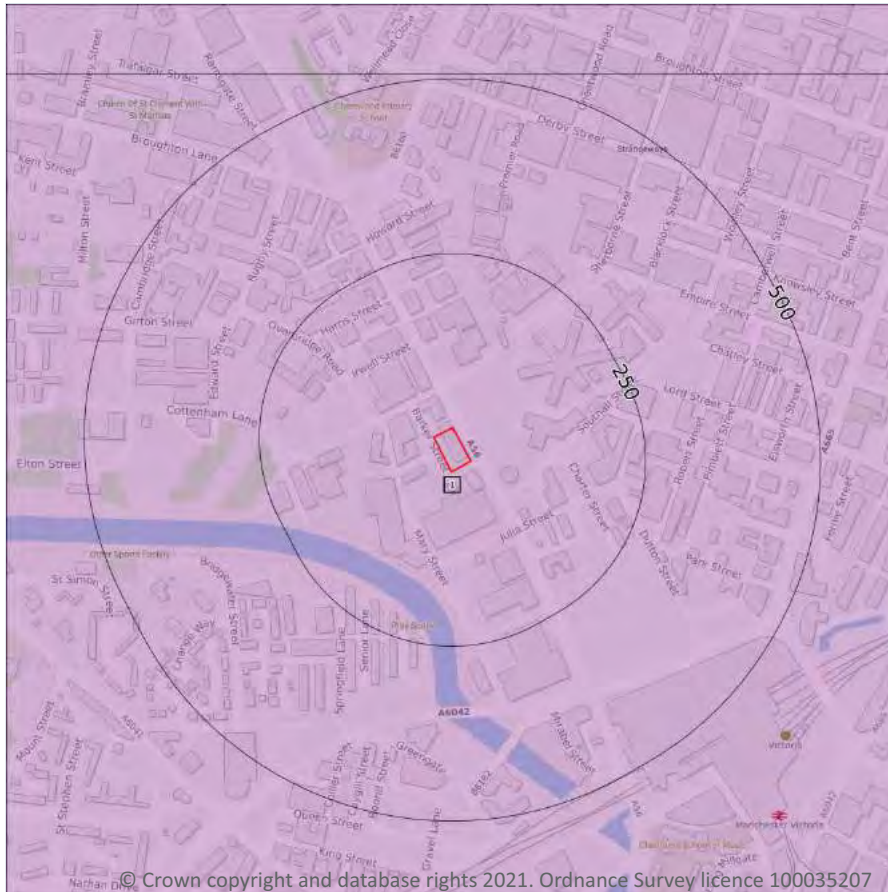
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	69m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	275m SW	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

1

Aquifer status of groundwater held within bedrock geology.

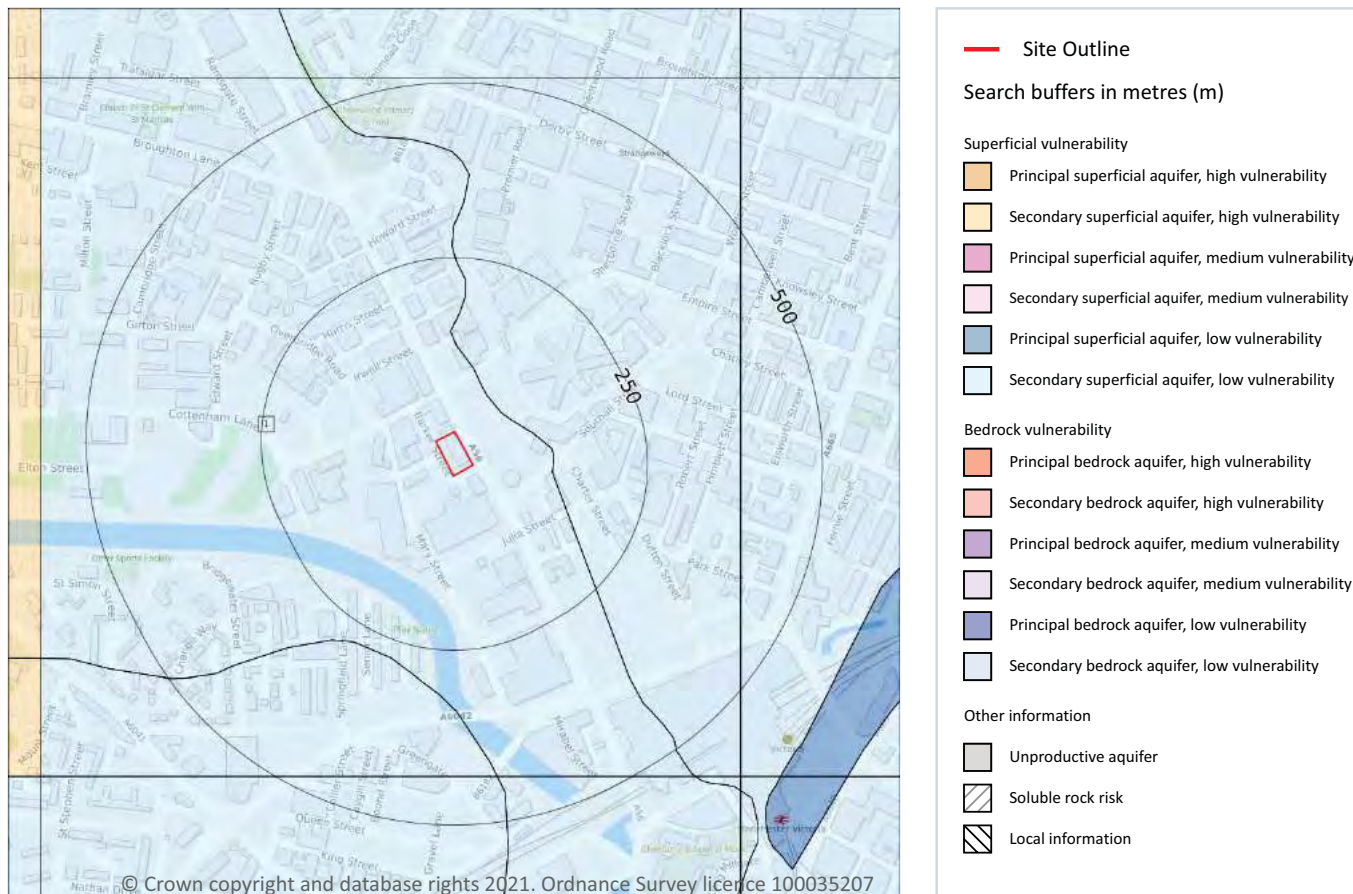
Features are displayed on the Bedrock aquifer map on **page 64**

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

1

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 65**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: 300-550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

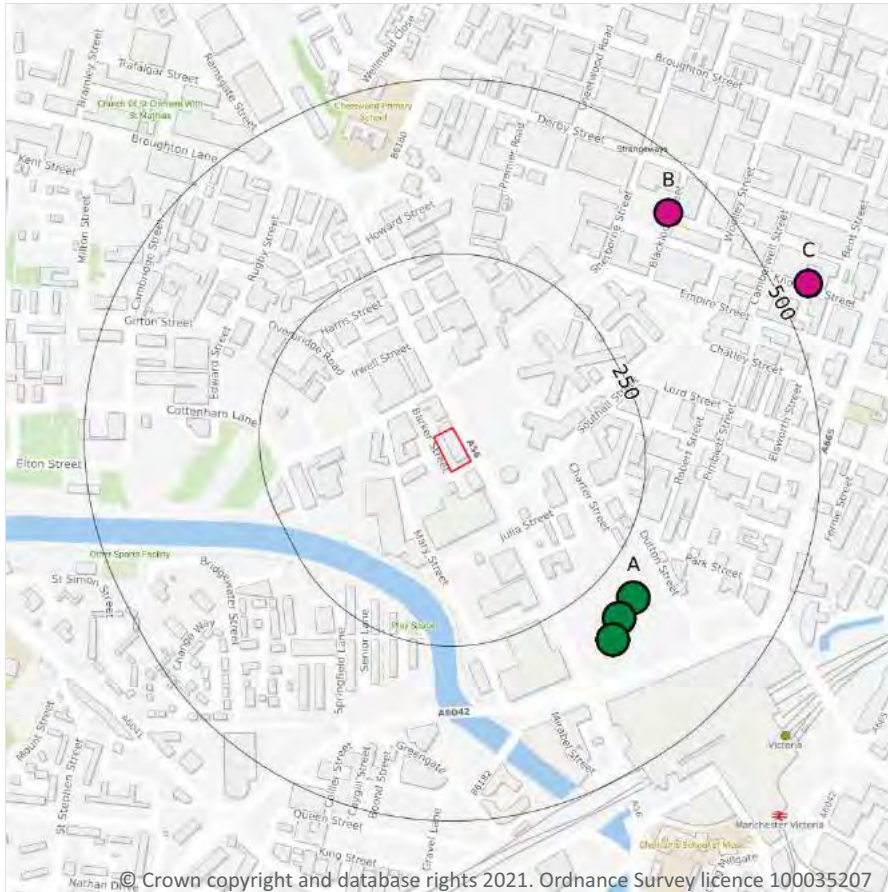
0

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
- 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

39

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 67**

ID	Location	Details	
A	304m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
A	304m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -



ID	Location	Details	
A	310m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
A	326m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: Process water Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
A	326m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
B	435m NE	Status: Historical Licence No: 2569004021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -
B	435m NE	Status: Historical Licence No: 2569004021 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -



ID	Location	Details	
C	545m NE	Status: Historical Licence No: 2569004011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3" Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
C	545m NE	Status: Historical Licence No: 2569004011 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3" Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
C	545m NE	Status: Active Licence No: 2569004011 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3 Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): 45,460 Max Daily Volume (m ³): 181.84 Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -
C	545m NE	Status: Active Licence No: 2569004011 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DERBY BREWERY, CHEETHAM, MANCHESTER 3 Data Type: Point Name: JOSEPH HOLT LTD Easting: 384100 Northing: 399700	Annual Volume (m ³): 45,460 Max Daily Volume (m ³): 181.84 Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 17/02/1966 Version End Date: -



ID	Location	Details	
-	738m S	Status: Historical Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT DIAL HOUSE, CHAPEL ST, SALFORD" Data Type: Point Name: BRITISH TELECOM Easting: 383700 Northing: 398700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 100 Version Start Date: 27/01/1971 Version End Date: -
-	738m S	Status: Historical Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DIAL HOUSE, CHAPEL ST, SALFORD Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 383700 Northing: 398700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 101 Version Start Date: 01/04/1984 Version End Date: -
-	738m S	Status: Active Licence No: 2569007070 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT DIAL HOUSE CHAPEL STREET SALFORD Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 383700 Northing: 398700	Annual Volume (m ³): 45 Max Daily Volume (m ³): 30 Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2007 Version End Date: -
-	1148m S	Status: Historical Licence No: 2569007089 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: 2 BOREHOLES AT GARTSIDE STREET MANCHESTER Data Type: Line Name: HER MAJESTY'S COURT SERVICE Easting: 383335 Northing: 398310	Annual Volume (m ³): 200000 Max Daily Volume (m ³): 1179 Original Application No: - Original Start Date: 26/01/2005 Expiry Date: 31/03/2011 Issue No: 2 Version Start Date: 10/07/2008 Version End Date: -



ID	Location	Details	
-	1417m S	Status: Historical Licence No: NW/069/0004/019 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: Ground Water - North West Region Point: ST JOHNS MANCHESTER Data Type: Poly4 Name: Manchester Quays Development (MGY) Ltd Easting: 383094 Northing: 398099	Annual Volume (m ³): 543,120 Max Daily Volume (m ³): 1,488 Original Application No: - Original Start Date: 13/09/2019 Expiry Date: 31/12/2020 Issue No: 1 Version Start Date: 13/09/2019 Version End Date: -
-	1518m S	Status: Historical Licence No: 2569007069 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT GEORGE ST, MANCHESTER" Data Type: Point Name: BRITISH TELECOM Easting: 384100 Northing: 398000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/01/1971 Expiry Date: - Issue No: 100 Version Start Date: 27/01/1971 Version End Date: -
-	1518m S	Status: Historical Licence No: 2569007069 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT GEORGE ST, MANCHESTER Data Type: Point Name: BRITISH TELECOMMUNICATIONS PLC Easting: 384100 Northing: 398000	Annual Volume (m ³): 1100 Max Daily Volume (m ³): 860 Original Application No: - Original Start Date: 01/04/1984 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2007 Version End Date: -
-	1529m NE	Status: Historical Licence No: 2569005015 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: "B/HOLE, LITTLE GREEN WORKS, COLLYHURST RD, MANCHESTER 10" Data Type: Point Name: PACKAGING PRODUCTS LTD Easting: 385000 Northing: 400100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 21/02/1995 Version End Date: -



ID	Location	Details	
-	1529m NE	Status: Active Licence No: 2569005015 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Ground Water - North West Region Point: B/HOLE, LITTLE GREEN WORKS, COLLYHURST RD, MANCHESTER 10 Data Type: Point Name: Packaging Products (Coatings) Ltd Easting: 385000 Northing: 400100	Annual Volume (m ³): 438,689 Max Daily Volume (m ³): 1,636.56 Original Application No: - Original Start Date: 16/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/02/2011 Version End Date: -
-	1597m W	Status: Historical Licence No: 2569004046 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: "BOREHOLE AT SEAFORD ROAD, SALFORD" Data Type: Point Name: VITA INDUSTRIAL POLYMERS LIMITED Easting: 382000 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/05/1989 Expiry Date: - Issue No: 101 Version Start Date: 30/05/2001 Version End Date: -
-	1597m W	Status: Historical Licence No: 2569004046 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Ground Water - North West Region Point: BOREHOLE AT SEAFORD ROAD, SALFORD Data Type: Point Name: VITA INDUSTRIAL POLYMERS LIMITED Easting: 382000 Northing: 399800	Annual Volume (m ³): 15000 Max Daily Volume (m ³): 196.3 Original Application No: - Original Start Date: 26/05/1989 Expiry Date: - Issue No: 101 Version Start Date: 30/05/2001 Version End Date: -
-	1780m SW	Status: Historical Licence No: 2569007085 Details: Process water Direct Source: Ground Water - North West Region Point: "BOREHOLE AT HOPE STREET, SALFORD, MANCHESTER" Data Type: Point Name: READY MIXED CONCRETE (NORTH WEST) LIMITED Easting: 382190 Northing: 398330	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/11/2000 Expiry Date: - Issue No: 1 Version Start Date: 01/11/2000 Version End Date: -



ID	Location	Details	
-	1780m SW	Status: Active Licence No: 2569007085 Details: Process Water Direct Source: Ground Water - North West Region Point: BOREHOLE AT HOPE STREET, SALFORD, MANCHESTER Data Type: Point Name: CEMEX UK MATERIALS LTD Easting: 382190 Northing: 398330	Annual Volume (m ³): 23,000 Max Daily Volume (m ³): 115 Original Application No: - Original Start Date: 01/11/2000 Expiry Date: - Issue No: 4 Version Start Date: 21/12/2018 Version End Date: -
-	1871m SE	Status: Historical Licence No: NW0690006001 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLES AT ORIGIN DEVELOPMENTS, MANCHESTER Data Type: Point Name: West Contracting Easting: 384378 Northing: 397733	Annual Volume (m ³): 139128 Max Daily Volume (m ³): 1010 Original Application No: - Original Start Date: 19/01/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 19/01/2009 Version End Date: -
-	1871m SE	Status: Historical Licence No: NW/069/0006/001 Details: Non-Evaporative Cooling Direct Source: Ground Water - North West Region Point: BOREHOLES AT ORIGIN DEVELOPMENTS, MANCHESTER Data Type: Point Name: West Contracting Easting: 384378 Northing: 397733	Annual Volume (m ³): 139128 Max Daily Volume (m ³): 1010 Original Application No: - Original Start Date: 19/01/2009 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 19/01/2009 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

0

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.

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



5.8 Potable abstractions

Records within 2000m

10

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 67**

ID	Location	Details	
A	304m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 1) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	304m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 1 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383850 Northing: 399250	Annual Volume (m³): 500000 Max Daily Volume (m³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -



ID	Location	Details	
A	310m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 3) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	310m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 3 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383830 Northing: 399220	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: Ground Water - North West Region Point: "BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER" Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 09/08/2000 Version End Date: -



ID	Location	Details	
A	326m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE (NO 2) AT PREMISES, STRANGWAYS, MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
A	326m SE	Status: Historical Licence No: 2569004023 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE NUMBER 2 AT PREMISES STRANGWAYS MANCHESTER Data Type: Point Name: INTERBREW UK LTD Easting: 383820 Northing: 399190	Annual Volume (m ³): 500000 Max Daily Volume (m ³): 2500 Original Application No: - Original Start Date: 18/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 01/01/2004 Version End Date: -
B	435m NE	Status: Historical Licence No: 2569004021 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Ground Water - North West Region Point: BOREHOLE AT PREMISES, DERBY STREET, CHEETHAM, MANCHESTER Data Type: Point Name: LANCASHIRE DAIRIES LTD Easting: 383900 Northing: 399800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/1993 Version End Date: -

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

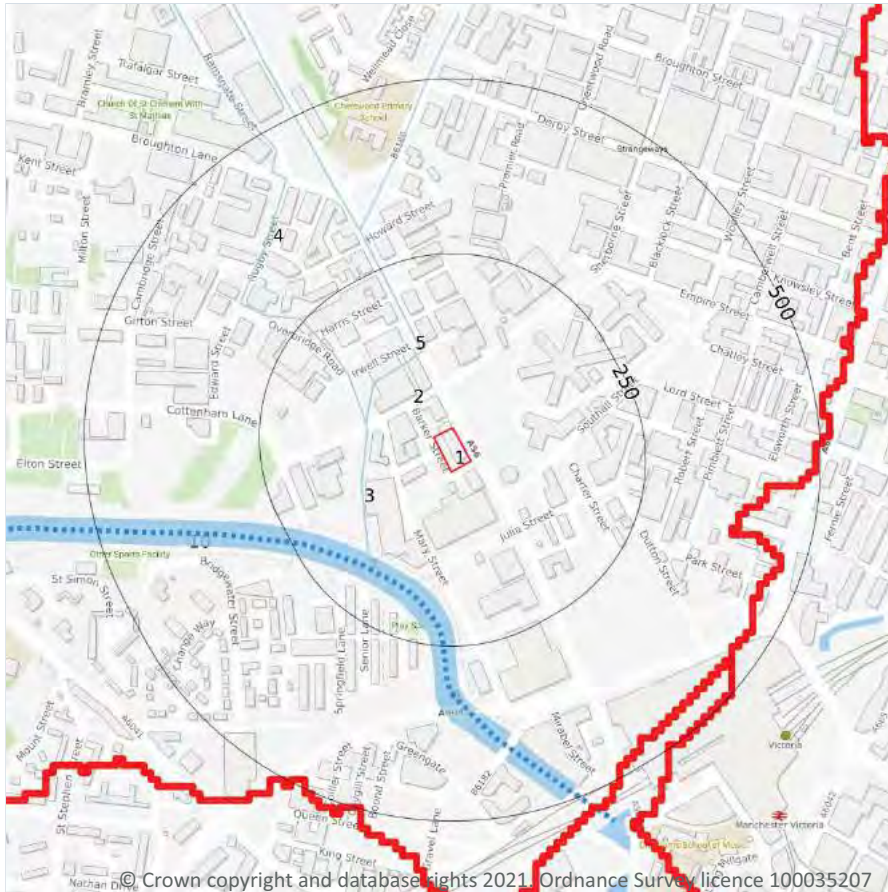
0

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

6

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 82**

ID	Location	Type of water feature	Ground level	Permanence	Name
3	96m 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
4	99m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	99m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	165m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	178m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Irwell
10	184m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Irwell

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

1

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 82**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site

1

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

Features are displayed on the Hydrology map on **page 82**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Irwell (Croal to Irk)	GB112069061451	Croal Irwell	Irwell

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

6.4 WFD Surface water bodies

Records identified	1
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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 82**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
8	178m SW	River	Irwell (Croal to Irk)	GB112069061451	Moderate	Good	Moderate	2016

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

6.5 WFD Groundwater bodies

Records on site	1
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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 82**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Manchester and East Cheshire Permo-Triassic Sandstone Aquifers	GB41201G101100	Poor	Poor	Poor	2015

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

