



Mineral Safeguarding Assessment
Castleton Sidings, Heywood Road, Rochdale

Reference:14-768-R2-2
Date: November 2023



MINERAL SAFEGUARDING ASSESSMENT

Land to the South of Heywood Road
Castleton Sidings
Rochdale
OL11 3AU

Prepared for:
Kellen Homes



Report Ref: 14-768-R2-2
Date Issued: 9th November 2023

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1. INTRODUCTION

1.1. BACKGROUND

E3P has been commissioned by Kellen Homes to undertake a Mineral Safeguarding Assessment in connection with a parcel of land situated south of Heywood Road, Rochdale (herein referred to as Castleton Sidings and the site) to support a planning application for prospected construction of low-rise residential properties.

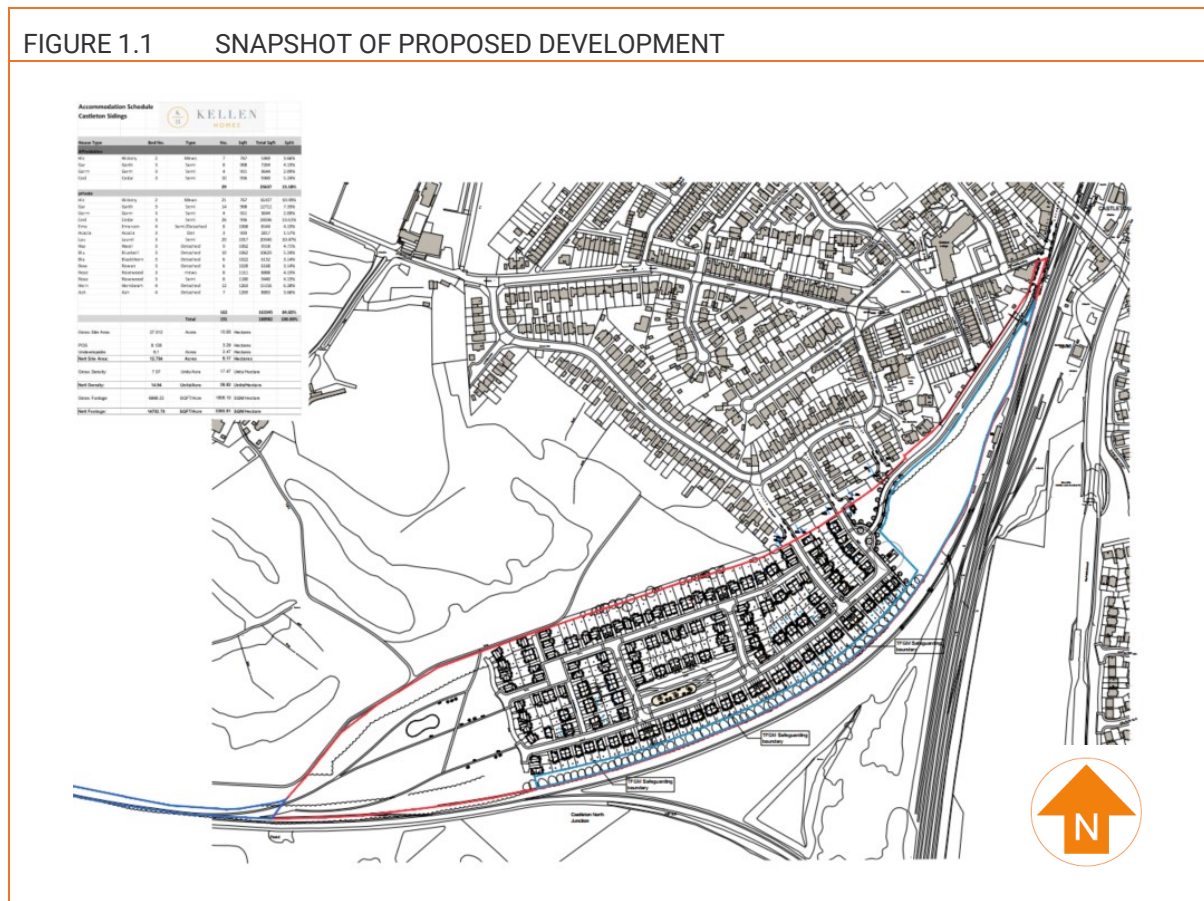
1.2. PROPOSED DEVELOPMENT

Kellen Homes are considering the proposed acquisition and future redevelopment of the site with a hybrid planning application comprising the following:

- ✿ Full planning application for residential development, including access, car parking, landscaping, open space and associated engineering and infrastructure including an electric substation and foul water pump station.
- ✿ Outline planning permission with all matters reserved for the principle of development to facilitate the East Lancashire Railway (ELR) extension.

A snapshot of the proposed development layout is indicated in Figure 1.1.

FIGURE 1.1 SNAPSHOT OF PROPOSED DEVELOPMENT



1.3. OBJECTIVES

The objectives of the geoenvironmental site assessment are as follows:

- ✦ Review the Core Strategy Development Plan for Managing Mineral Resources (G10) and Managing Waste (G11) as set out by Rochdale Metropolitan Borough Council;
- ✦ Assess site specific and local area characteristics that extractive working will have implications based on the Core Strategy Development Plan and the National Planning Policy Framework;
- ✦ Review historical plans, geology, hydrogeology, site sensitivity, flood risks and mining records;
- ✦ Assess the local area in terms of identified environmental receptors and potential impact associated with any mineral extraction;
- ✦ Assess the presence of sensitive infrastructure and associated impact;
- ✦ Assess the physical and economic viability of mineral extraction.

1.4. LIMITATIONS

The limitations of this report are presented in Appendix I.

1.5. CONFIDENTIALITY

E3P has prepared this report solely for the use of the client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from E3P; a charge may be levied against such approval.



2. SITE SETTING

2.1. SITE DETAILS

Site Address	Castleton Sidings, Heywood Road, Rochdale OL11 3AU
National Grid Reference	E 387930, N 410140
Site Area	6.0 Ha

All acronyms used within this report are defined in the Glossary presented in Appendix II.

A site location plan is presented in Appendix III as Drawing 14-768-001.

2.2. CURRENT SITE USE

E3P has undertaken a site walkover of the entire site and a description of the key findings is summarised in Table 2.1.

TABLE 2.1 SITE DESCRIPTION

Occupancy/Use	The site is a roughly semi-circular shaped parcel of land to the south of Heywood Road in Rochdale and to the west of Castleton railway station. Live railway lines are present along the south eastern site boundary and the site itself forms derelict railway sidings open to the adjacent active railway. The south western quarter of the site falls within a designated area of greenbelt (proposed POS) and the north eastern quarter falls within an area of network rail operated land that will ultimately be retained by ELNR. All former structures except for an active signal box have now been removed; however, track sidings, ballast, and relict hardstanding and concrete slabs remain. Self-seeded vegetation and young trees have now grown across the site and along the periphery.	
Surface Cover (%)	Buildings	0 %
	Hardstand	85 %
	Soft Cover	15 %
Structures	The site comprises an area of former railway sidings, with the majority of the tracks only partially dismantled. Areas of concrete pertaining to former structures footprints are identifiable, and a relict railway platform is present in the east of the site, along with a signal box for the railway. No other structures are present on site.	
Access	Access can be gained to the site via a small service road off Heywood Road, into the Network Rail land. The site is not openly accessible to pedestrians.	
Slope	The site is generally flat and level due to its historical use as railway sidings.	
Vegetation/Ecology	The site largely comprises hardstanding, however, scrub vegetation is present across the site with areas of overgrown grasses. Semi-mature and mature trees are located around the northern and south eastern boundary of the site.	



2.3. SURROUNDING AREA

The surrounding area land uses are summarised in Table 2.2.

TABLE 2.2 SURROUNDING LAND USES

DIRECTION	LAND USE
North	Castle Hawk Golf Club, Residential units.
East	Rochdale Canal, Residential Units, Railway Sidings.
South	Railway Sidings, Managed Grassland.
West	Castle Hawk Golf Club, Managed Grassland.

2.4. MINERAL SAFEGUARDING AREAS

National Planning Policy Framework (July 2021) indicates that authorities should safeguard mineral resources by defining Mineral Safeguarding Areas; and adopt appropriate policies so that known locations of specific minerals resources of local and national importance are not sterilised by nonmineral development where this should be avoided (whilst not creating a presumption that the resources defined will be worked). The NPPF also indicates that authorities should set out policies to encourage the prior extraction of minerals, where practical and environmentally feasible, if it is necessary for non-mineral development to take place and they should not normally permit other development proposals in Mineral Safeguarding Areas (MSA) if it might constrain potential future use for mineral working.

Greater Manchester Joint Minerals Development Plan (Policy 7) states that *'MSAs are aimed at protecting known locations of specific mineral resources of local and national importance from needless sterilisation by non-mineral development, whilst not creating a presumption that resources so defined will be worked. An MSA does not automatically preclude other forms of development. The intention is to alert prospective developers to the existence of mineral resources so that they can be taken into account at the earliest stage of a possible development.'*

Rochdale Metropolitan Borough Council have produced a planning policy framework that provides a guide to minerals operators and the public about:

- ✚ The locations where mineral extraction may take place;
- ✚ The safeguarding of sensitive environmental features and of mineral resources with potential for future extraction; and,
- ✚ All aspects of environmental amenity and resource protection including the sustainable transportation of minerals.

Relevant policies and guidance on Mineral Safeguarding Areas in Castleton are set out in the following:

- ✚ Greater Manchester Joint Minerals Development and Waste Local Plan (Mineral Safeguard Areas)
https://www.manchester.gov.uk/info/200074/planning/6161/greater_manchester_joint_minerals_development_plan
- ✚ Rochdale Local Plan, Adopted April 2013



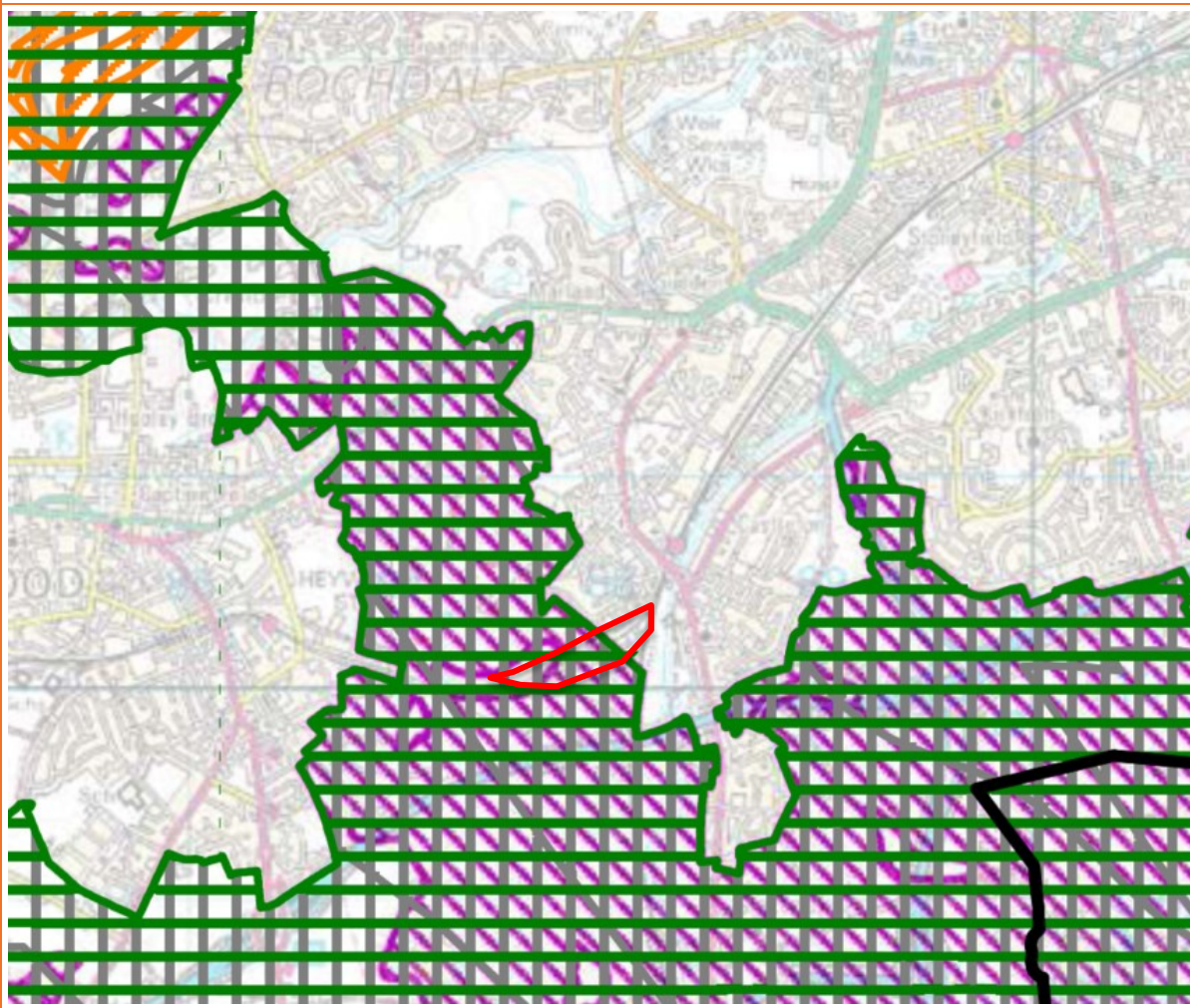
 Rochdale Core Strategy (G10; Managing Mineral Resources) -
<https://www.rochdale.gov.uk/downloads/file/405/core-strategy>

 Guidance Note on Development in Minerals Safeguarding Areas, December 2014.

Greater Manchester contains a number of minerals of economic importance including coal, sand and gravel, gritstone (sandstone), and brickclay. These mineral resources have been designated and protected as Mineral Safeguarding Areas (MSA) on the Policies Map through Policy 7 of the Joint Greater Manchester Joint Minerals Development and Development Management Policies Local Plan (part of the Development Plan).

Based on the MSA map for Rochdale (Map 24 – extract in Figure 1.1), approximately two thirds of the site falls within a MSA for Sand and Gravel, Brick Clay and Coal.

FIGURE 2.1 EXTRACT OF MSA MAP FOR ROCHDALE



2.4.1. ROCHDALE METROPOLITAN BOROUGH UNITARY DEVELOPMENT PLAN 1999-2016 (SUPERSEDED)

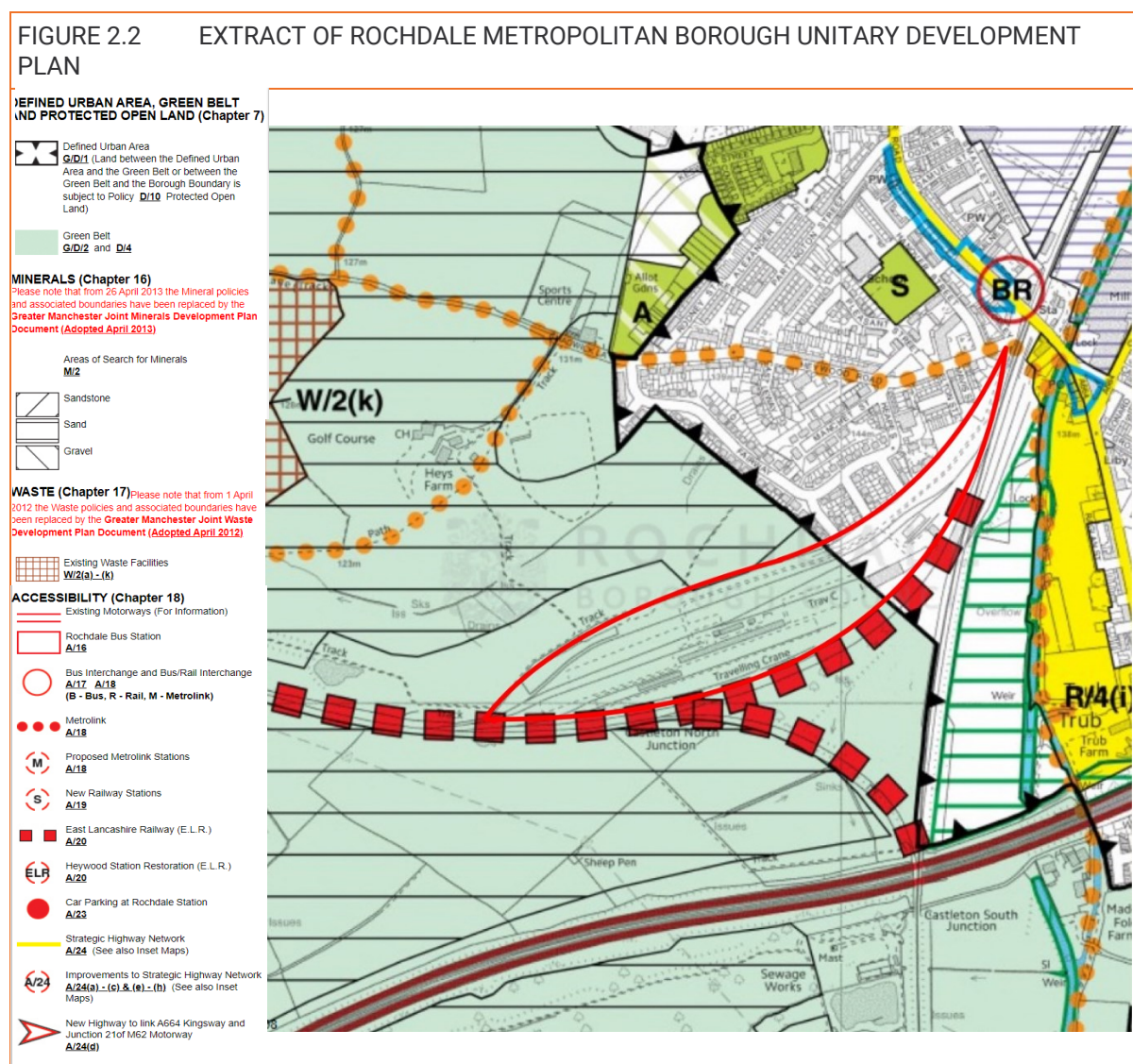
The previous local plan makes reference to G/M/1 Protection And Prudent Use Of Resources.

The following statement is included:



The MPA does not currently have sufficient information relating to reserves of minerals in terms of quantity, quality or geological disposition to identify specific sites or preferred areas for future minerals development. An Area of Search approach has therefore been adopted in order to identify those areas of the Borough where mineral resources are known to exist and where proposals for the extraction of minerals will be appropriate. The Areas identified are located predominantly in those areas of the Borough which are highly valued for their landscape quality. Proposals for extraction will therefore need to be carefully balanced against potential loss of landscape character. Assessment of all development proposals will give relevant weight to local, regional, national and international designations.

A number of plans that show relevant Mineral Safeguarding Areas are available. The map for the site is reproduced in Figure 2.2 and shows approximately two thirds of the site to be located within a designated Green Belt area (G/D/2 and D/4), but not within an area of search for minerals. However, areas for sand extraction are noted to the north and south of the site.



The plan notes that from 26 April 2013 the Mineral policies and associated boundaries have been replaced by the Greater Manchester Joint Minerals Development Plan Document (Adopted April 2013).

2.4.2. GREATER MANCHESTER JOINT MINERALS DEVELOPMENT PLAN (2013)

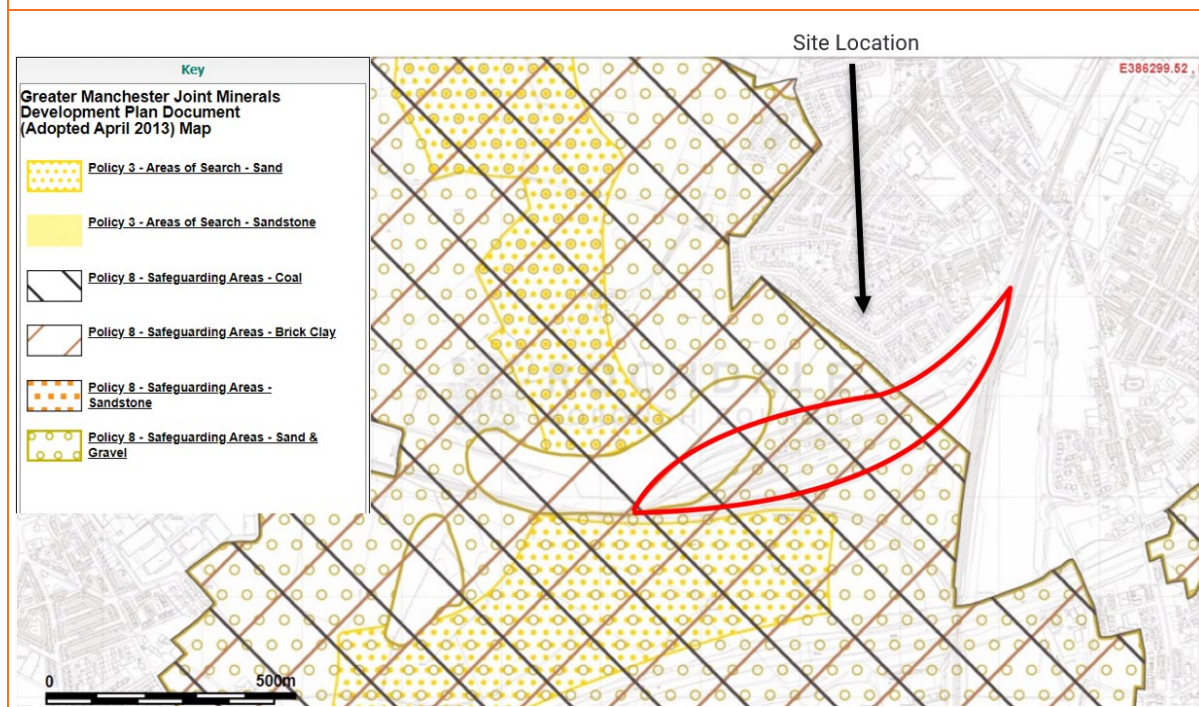
The Rochdale Metropolitan Borough has adopted the Greater Manchester Joint Minerals Development Plan.



An extract from the Key Diagram, produced within the Greater Manchester Joint Minerals Development Plan and Waste Development Framework is presented in Figure 2.3, and Figure 2.4 respectively. Figure 2.3 indicates the majority of the site now falls within a Policy 8 Mineral Safeguarding area for Coal, Brick Clay, and Sand and Gravel.

An area in the west of the site appears to have been worked already. With reference to historical maps, this area appears to coincide with a historical clay pit (Brick Kiln Pits pre 1851-pre 1898).

FIGURE 2.3 EXTRACT OF GREATER MANCHESTER JOINT MINERALS DEVELOPMENT PLAN



Policy M2 seeks to prevent the needless sterilisation of mineral resources by non-minerals development. The policy states the following:

Within these mineral safeguarding areas identified, planning permission will not be supported for any form of development that is incompatible by reason of scale, proximity and permanence with working the minerals, unless the applicant can demonstrate to the satisfaction of the Minerals Planning Authority that:

- ✳ The mineral concerned is no longer of any value or has been fully extracted.
- ✳ The full extent of the mineral can be extracted satisfactorily prior to the incompatible development taking place.
- ✳ The incompatible development is of a temporary nature and can be completed and the site returned to its original condition prior to the minerals being worked.
- ✳ There is an overarching need for the incompatible development that outweighs the need to avoid the sterilisation of the mineral resource.
- ✳ That prior extraction of minerals is not feasible due to the depth of the deposit.
- ✳ Extraction would lead to land stability problems.



3. GEOLOGY

3.1. BGS MAPPING

The British Geological Survey (BGS) map for the site, (1:50,000, Solid and Drift editions) and online records indicate the site is underlain by the geological sequence presented in Table 3.1.

TABLE 3.1 SUMMARY OF UNDERLYING GEOLOGY

GEOLOGICAL UNIT	CLASSIFICATION	DESCRIPTION	AQUIFER CLASSIFICATION
Drift	Glaciofluvial Deposits (North East and East)	CLAY, SILT, SAND and GRAVEL	Secondary A
	Till, Devensian (West of Site)	DIAMICTON	Unproductive
	Peat (South East)	PEAT	
Solid	Pennine Lower Coal Measures	MUDSTONE, SILTSTONE and SANDSTONE	Secondary A aquifer

Snapshots from the geological mapping of the area showing the of the recorded drift and bedrock deposits across the site are given as Figure 3.1 and Figure 3.2 below.

FIGURE 3.1 SNAPSHOT OF SUPERFICIAL DEPOSITS

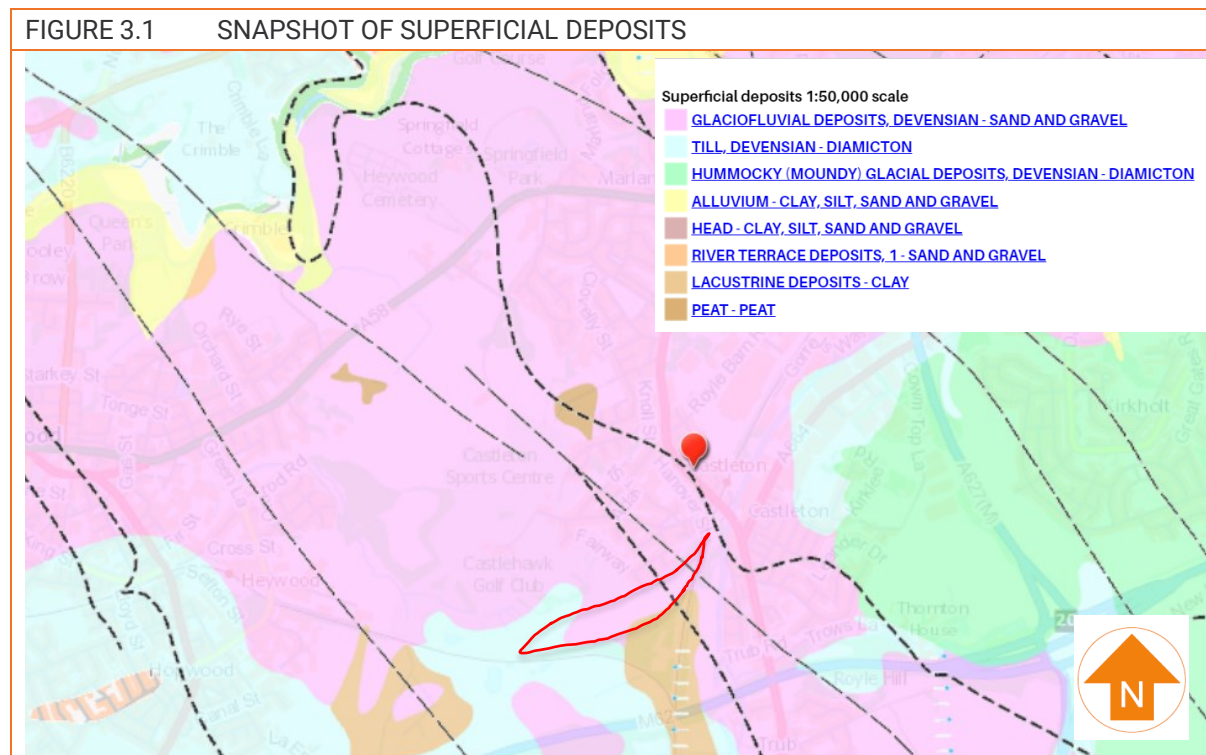
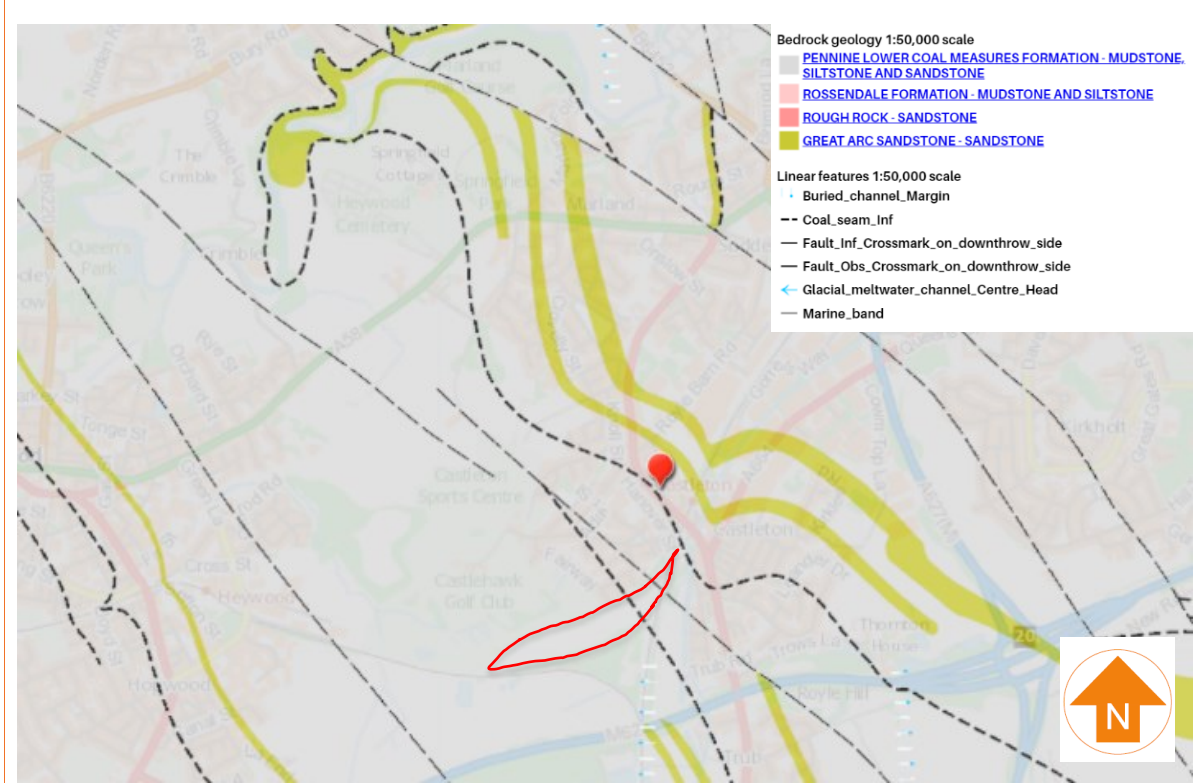


Figure 3.2 SNAPSHOT OF BEDROCK GEOLOGY AND FAULTING



3.2. BOREHOLE DATA

E3P completed an intrusive site investigation between 19th March 2021, 15th June 2021, and 19th July 2022. During the site investigations all underlying ground conditions were recorded, a brief summary of the stratum encountered across the site is given within Table 3.2. Contrary to the published geology drift deposits of CLAY and SAND were encountered site wide, however, all other findings were in line with the published geology.

The stratum encountered within during the intrusive site investigation are summarised in Table 3.2 below.

TABLE 3.2 SUMMARY OF BGS BOREHOLE RECORDS

STRATUM	DEPTH ENCOUNTERED (m bgl)
MADE GROUND	0.00 – 6.60
TOPSOIL	Not encountered
Firm to Stiff CLAY	1.40 – 15.00
Fine to coarse SAND	0.70 – 9.00
Sandy GRAVEL	1.50 – 2.80
PEAT	3.10 – 6.00



Made Ground deposits have been encountered within all of the exploratory hole locations from ground level to a maximum proven depth of 6.60 m bgl (R0227). The full depth of Made Ground remained unproven in c. 50% of exploratory hole locations. Material generally comprises a black slightly clayey gravelly medium sand / sandy gravel. Gravel constituents predominantly include mudstone, brick, clinker, coal, and ceramic with less frequent inclusions of metal, shale, glass and timber/wood.

Blackish brown pseudo fibrous PEAT was encountered beneath the Made Ground in 36 no. locations. The peat encountered beneath the site was found to range in thickness from 0.20 to 2.60 m thick (CP102), although was predominantly 1.0 m thick or less, and noted to be generally thicker towards the south and west of the site.

Drift deposits were encountered beneath the Made Ground and Peat (where proven) and comprised of alternating SAND/GRAVEL and sandy CLAY and extending to depths in excess of 60.50 m bgl (RB101). Where encountered, shallowest drift deposits were noted to be predominantly granular.

The solid geology was not encountered within the deeper cable holes or rotary open holes across the site. A nearby BGS borehole indicates rockhead at circa 81.00 m bgl.

The Arley Coal seam is conjectured to subcrop beneath the north east of the site, dipping to the west. The depth of this seam is likely to be > 80 m bgl.



4. MINERAL ASSESSMENT CRITERIA

4.1. THE NEED FOR THE DEVELOPMENT THAT OUTWEIGHS THE NEED TO EXTRACT THE MINERAL

The National Planning Policy Framework (NPPF) emphasises the need to increase the supply of housing.

Rochdale Metropolitan Borough Council Local Plan includes a core strategy which is the lead document in the plan.

The Core Strategy includes plans to help deliver:

- ✿ 460 new homes a year between 2012–2028 (totalling 7360 new homes).
- ✿ 210 hectares of employment land.
- ✿ The extension of the East Lancashire Railway to Castleton Station.
- ✿ Park and Ride facilities at train stations and Metrolink stops across the borough.
- ✿ Protection from development on certain land, such as the green belt, valued land, heritage assets and conservation areas.

The site falls within a key area allocated for development including housing and enhancement along the canal corridor. The extension of the ELR will provide commuter links and tourism opportunities, as well as providing new employment opportunities.

The proposed development at Castleton Sidings will make an important contribution towards meeting the long-term housing need and delivering the extension of the East Lancashire Railway to Castleton Station. As such, it is important to allocate new land to meet the development needs of Rochdale, as the borough may not have sufficient suitable and available urban land to meet the need for housing, rail and employment. In addition to the environmental effects, prior extraction would significantly extend the development process and introduce uncertainty over delivery of the much needed development.

4.2. PRIOR EXTRACTION

Prior extraction is not environmentally acceptable or economically viable and the technical information provided in support of the planning application demonstrates that the proposed development will have greater economic value than extraction.

The underlying Glaciofluvial sand and gravel and Glacial Till (brick clay) deposits lie beneath significant thicknesses of Made Ground and Peat deposits (due to the historical raising of levels to create a level development platform) which would impede mineral extraction. Furthermore, brick clay has previously been extracted from some parts of the site (pre 1900s), thus reducing the likely yield and economic viability of extraction.

In addition, the mineral resources would need to be taken off-site for further processing. This increases the handling of the material, adding to cost, and increases the environmental effects as a result of additional vehicle movements.

The addition of quarrying activities would also give rise to significant additional environmental effects by virtue of:



- ✦ Noise from the plant associated with quarrying and noise from additional vehicles;
- ✦ Dust from the quarrying activities and impact on surrounding residential properties and environment;
- ✦ Vibrations from the quarrying activities impacting the adjacent live railway; and,
- ✦ Significant landscape and visual impacts.

4.3. THE LIKELIHOOD OF COMMERCIAL INTEREST IN EXTRACTING THE MINERAL RESOURCE, NOW OR IN THE FUTURE.

The Greater Manchester Joint Minerals Development Plan Authority Monitoring Report 2019-20 indicates that at present, there are insufficient reserves of sand and gravel to meet the current apportionment and the sand and gravel landbank is below the 7-year minimum requirement as laid out in the revised NPPF (2019) and will be fully depleted during the Plan period unless additional proposals for minerals extraction come forward and planning permissions are granted for the release of additional reserves.

Data from the 4-yearly Mineral Surveys conducted by British Geological Survey (BGS) and the Ministry for Housing, Communities and Local Government (MHCLG), indicates that the sub-region continues to rely heavily on imported aggregates, with 76% of sand and gravel consumed in 2009 originating from outside the sub-region, either from elsewhere in the North West or beyond; this figure remained the same in the 2014 Survey.

In addition, minerals planning authorities need to be able to demonstrate a 25-year supply of brick clay reserves. Reserves at the existing Harwood Quarry are due to be depleted towards 2026 and so the sub-region is falling short of this target. Weinberger's Denton Brickworks Factory in Manchester sources 50% of its brick clay from Harwood Quarry and 50% from a quarry in Derbyshire. The Brickworks operator has previously requested assistance in identifying new potential sites for clay extraction within the sub-region.

With the above in mind, new sites will be being considered for mineral extraction. However, the following factors are considered to limit the viability of extraction from beneath the site:

- ✦ The underlying Glaciofluvial sand and gravel and Glacial Till (brick clay) deposits lie beneath significant thicknesses of Made Ground and Peat deposits (due to the historical raising of levels to create a level development platform) which would require significant excavation of unsuitable (non-mineral/aggregate) soils and ultimately lead to unjustifiable mass disposal as waste.
- ✦ Furthermore, brick clay has previously been extracted from some parts of the site (pre 1900s), thus reducing the likely yield and economic viability of extraction.
- ✦ Consultation with the Coal Authority has confirmed that they consider workings in the Arley Coal beneath the site to be unlikely due to its depth (>80 m bgl). The Coal Authority have also stated there are no plans for future mining in the area.
- ✦ The site is bound to the north by a golf course and residential development and the south by a live railway, large volumes of the site would therefore be sterilised to protect these existing developments, thus reducing the overall potential extraction volume.

It is therefore considered that the economic impact of the new development is likely going to outweigh the need for extraction.



4.4. ENVIRONMENT EFFECTS OF MINERAL EXTRACTION

4.4.1. NATURAL AND HISTORIC ENVIRONMENT

The site has had varying historical usage, with earliest historical mapping (1851) illustrating the site to comprise agricultural land with the railway shown to be present along the southern boundary and brick kiln/clay pits immediately to the northwest.

By 1893, the site was in use as railway sidings with an engineering stores and saw mills with chimneys located in the west. Ancillary structures encroached the western sector together with wetlands/possible marshes encroaching the central northern sector.

Tanks and a gasometer are later shown in the centre north and north east respectively, together with an earth working/embankment in the centre of the site, which moves north over time (likely associated with raising levels to create a level platform for expansion of the railway sidings).

By 1956 the engineering works / sawmill had been removed and by 1970s a welding shop, travelling crane, engineering shed, electricity substation and tanks are indicated to be present in the central sector of the site.

Aerial imagery between 2000-2005 shows the site to be covered by hardstanding/ballast, tracks, sheds and various structures. The site appears to have been dismantled/demolished sometime between 2005 and 2013.

4.4.2. HUMAN HEALTH

The potential impact on the critical human health receptors (identified as the adjacent residential properties) associated with any industrial mineral extraction would be predominantly due to noise, particulate matter in ambient air (dust), visual intrusion, traffic, and air quality impact.

Mass excavation of overlying anthropogenic and potentially contaminated materials (Made Ground and Peat) would generate significant volumes of material with no economic value.

4.4.3. NOISE

The subject site is located adjacent to Castleton railway immediately to the south of the site, with residential dwellings situated to the north and west of the site.

Large scale industrial mineral extraction would likely induce noise levels that would exceed the permissible levels for private dwellings and gardens with the area for extraction being directly adjacent to the residential dwellings. Construction of noise mitigation measures such as acoustic bunds to mitigate the anticipated noise impact would result in a significant loss of visual amenity at the adjacent residential properties.

4.4.4. DUST

The subject site is located in a predominantly residential setting, with residential areas to the immediate south and east of the site.

The potential impacts associated with industrial mineral extraction within ambient air would likely exceed air quality indicators for exterior areas of residential dwellings unless suitable mitigation measures could be defined. However, given the close proximity of the receptor, it is considered that a high standard would be required and thus expensive/difficult to implement.



4.4.5. TRAFFIC

The extraction of resources from site would require the distribution of raw materials or products by HGV road haulage. The only identified access to the site is through a single car width lane off Heywood Road, Rochdale. Where Heywood Road meets with the main arterial road (A664 Manchester Road), the turning is left turn only, adjacent a poor visibility rail bridge. Upgrades to local road networks would likely be required to facilitate increased trafficking with aggregate wagons etc.

The movement of material by road would include both vehicles arriving at site and then subsequent distribution and this would have a significant impact on the number of HGVs within the surrounding area. The number of vehicle movements will be dependent on the volume of material extracted and the type of production being completed.

Additionally, a national and local objective is to minimise road travel and replace with alternative transport methods to reduce CO2 impact.

4.4.6. ABNORMAL CONSTRUCTION CONDITIONS

Should minerals be excavated, the site will be significantly lower than current levels meaning that it would then be necessary to fill/stabilise the land with suitable inert material to provide a sustainable development platform.

The importation of fill material would require a significant number of vehicle movements, approximately equivalent to those needed within the extraction phase.

4.4.7. SLOPE STABILITY

Excavations and associated dewatering attributed to mineral extraction may induce instability that could be a significant risk to the adjacent developments (residential and raid). Should instability be induced extensive stabilisation may be required.

Should the mineral on site be extracted geotechnical failure could not be discounted. A robust retaining design would be required to protect adjacent housing.

4.4.8. FLOOD RISK

If the site was to be subject to commercial mineral extraction, a significant and unquantifiable risk would be present associated with a flood associated with the management of groundwater and diversion of site drainage including any streams if present.

4.4.9. IMPACTS SURFACE AND GROUNDWATER QUALITY

As discussed above, it would be necessary to control surface water in streams and culverts and this may have an impact on both ecological and chemical water quality.

4.5. SUMMARY

It has been clearly demonstrated that it is not environmentally acceptable to extract the mineral prior to non-mineral development taking place.

While the mineral occurs close to the surface, mining of these minerals would likely have a detrimental effect on the environment without significant control measures being implemented.



5. CONCLUSIONS AND RECOMMENDATIONS

Based on the MSA map for Rochdale (Map 24 – extract in Figure 1.1), approximately two thirds of the site falls within a MSA for Sand and Gravel, Brick Clay and Coal.

This assessment has confirmed that although there is a recognised shortfall of mineral reserves locally, the site falls within a key area allocated for development including housing, enhancement along the canal corridor and extension of the ELR. The extension of the ELR will provide commuter links and tourism opportunities, as well as providing new employment opportunities.

The site itself is a small area within a much larger mineral safeguarded area. Therefore, development on the site would not adversely affect the area set aside for mineral extraction in the wider area. There are likely to be more suitable areas where no residential areas are in close proximity.

The following factors are considered to limit the viability of extraction from beneath the site:

- ✳ The underlying Glaciofluvial sand and gravel and Glacial Till (brick clay) deposits lie beneath significant thicknesses of Made Ground and Peat deposits (due to the historical raising of levels to create a level development platform) which would require significant excavation of unsuitable (non-mineral/aggregate) soils and ultimately lead to unjustifiable mass disposal as waste.
- ✳ Furthermore, brick clay has previously been extracted from some parts of the site (pre 1900s), thus reducing the likely yield and economic viability of extraction of this mineral.
- ✳ Consultation with the Coal Authority has confirmed that they consider workings in the Arley Coal beneath the site to be unlikely due to its depth (>80 m bgl). The Coal Authority have also stated there are no plans for future mining in the area.
- ✳ The site is bound to the north by a golf course and residential development and the south by a live railway, large volumes of the site would therefore be sterilised to protect these existing developments, thus reducing the overall potential extraction volume.
- ✳ The sites interrelationship with highly sensitive receptors including adjacent/nearby residential housing and railway would preclude mineral extraction given that the environmental and physical impact would be unacceptable.
- ✳ The only identified access to the site is through a single car width lane off Heywood Road, Rochdale. Where Heywood Road meets with the main arterial road (A664 Manchester Road), the turning is left turn only, adjacent a poor visibility rail bridge. Upgrades to local road networks would likely be required to facilitate increased haulage traffic.

Based on the above there is an overriding need for the housing development, and mineral extraction cannot be achieved in an environmentally acceptable or economically viable manner.

END OF REPORT



APPENDIX I

LIMITATIONS

1. This report and its findings should be considered in relation to the terms of reference and objectives agreed between E3P and the client as indicated in Section 1.2.
2. For the work, reliance has been placed on publicly available data obtained from the sources identified. The information is not necessarily exhaustive and further information relevant to the site may be available from other sources. When using the information, it has been assumed it is correct. No attempt has been made to verify the information.
3. This report has been produced in accordance with current UK policy and legislative requirements for land and groundwater contamination which are enforced by the local authority and the Environment Agency. Liabilities associated with land contamination are complex and requires advice from legal professionals.
4. During the site walkover, reasonable effort has been made to obtain an overview of the site conditions. However, during the site walkover, no attempt has been made to enter areas of the site that are unsafe or present a risk to health and safety, are locked, barricaded, overgrown, or the location of the area has not been made known or accessible.
5. Access considerations, the presence of services and the activities being carried out on the site limited the locations where sampling locations could be installed and the techniques that could be used.
6. Site sensitivity assessments have been made based on available information at the time of writing and are ultimately for the decision of the regulatory authorities.
7. Where mention has been made to the identification of Japanese Knotweed and other invasive plant species and asbestos or asbestos-containing materials, this is for indicative purposes only and do not constitute or replace full and proper surveys.
8. The executive summary, conclusions and recommendations sections of the report provide an overview and guidance only and should not be specifically relied upon without considering the context of the report in full.
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10. New information, revised practices or changes in legislation may necessitate the re-interpretation of the report, in whole or in part.



APPENDIX II

GLOSSARY

TERMS

ACM	Asbestos-containing material	MMP	Materials management plan
ADS	Acoustic design statement	ND	Not detected
AST	Above-ground storage tank	NDP	Nuclear density probe
BGS	British Geological Survey	NMP	Noise management plan
BSI	British Standards Institute	NPSE	Noise policy statement for England
BTEX	Benzene, toluene, ethylbenzene, xylenes	NR	Not recorded
CA	Coal Authority	PAH	Polycyclic aromatic hydrocarbon
CBR	California bearing ratio	PCB	Polychlorinated biphenyl
CIEH	Chartered Institute of Environmental Health	PI	Plasticity index
CIRIA	Construction Industry Research Association	PID	Photo ionisation detector
CLEA	Contaminated land exposure assessment	POS	Public open space
CML	Council of Mortgage Lenders	PPE	Personnel protective equipment
CoC	Contaminants of concern	ProPG	Professional practice guidance
CSM	Conceptual site model	QA	Quality assurance
DNAPL	Dense non-aqueous phase liquid (chlorinated solvents, PCB)	SGV	Soil guideline value
DWS	Drinking water standard	SPH	Separate-phase hydrocarbon
EA	Environment Agency	SPT	Standard penetration test
EQS	Environmental quality standard	SVOC	Semi-volatile organic compound
FFL	Finished floor level	TPH	Total and speciated petroleum hydrocarbon
GAC	General assessment criteria	TPH CWG	Total Petroleum Hydrocarbon (Criteria Working Group)
GL	Ground level	UKWIR	United Kingdom Water Infrastructure Risk
GSV	Gas screening value	UST	Underground storage tank
HCV	Health criteria value	VCC	Vibro-concrete column
ICSM	Initial conceptual site model	VOC	Volatile organic compound
LEL	Lower explosive limit	VRSC	Vibro-replacement stone columns
LMRL	Lower method reporting limit	VSC	Vibro-stone columns
LNAPL	Light non-aqueous phase liquid (petrol, diesel, kerosene)	WHO	World Health Organisation
MCV	Moisture condition value	WRAP	Waste and Resources Action Programme



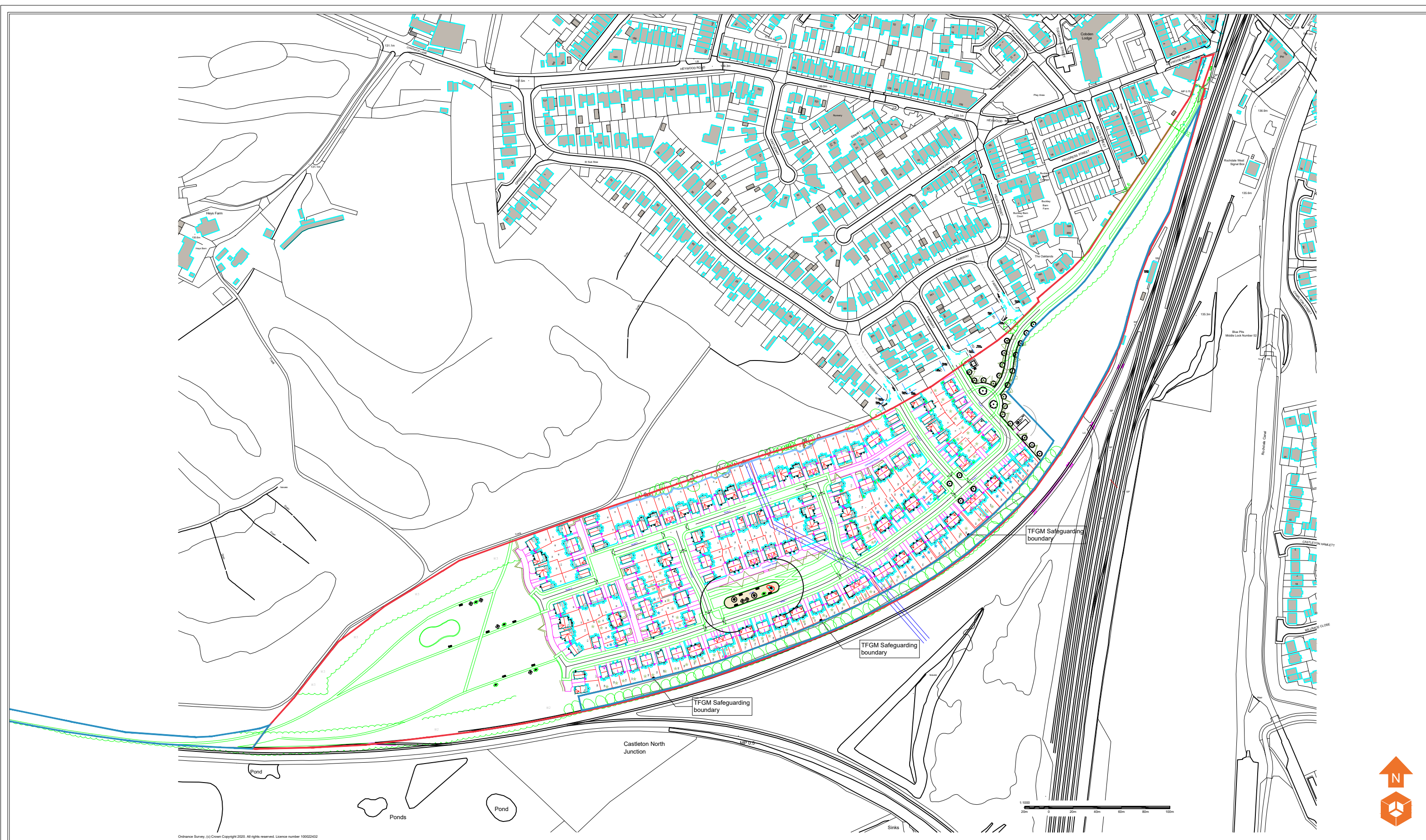
MIBK	Methyl isobutyl ketone	WTE	Water table elevation
m	Metres	ppm	Parts per million
km	Kilometres	mg/m³	Milligram per metre cubed
% v/v	Percent volume in air	m bgl	Metres below ground level
mb	Millibars (atmospheric pressure)	m bcl	Metre below cover level
l/hr	Litres per hour	mAOD	Metres above ordnance datum (sea level)
µg/l	Micrograms per litre (parts per billion)	kN/m²	Kilonewtons per metre squared
ppb	Parts per billion	µm	Micrometre
mg/kg	Milligrams per kilogram (parts per million)		



APPENDIX III DRAWINGS

DRAWING 14-768-001 – SITE LOCATION PLAN





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Notes:

P1	REVB	07.11.2023	OW	JS
P1	REVA	15.04.2021	HM	EF
Phase	Issue	Date	Drawn	Checked

Client:

Kellen Homes

Job Title:

Heywood Road,
Castleton

Job No:

14-768

Drawing No:

002

Drawing Title:

Proposed
Development Plan

Date:

07.11.2023

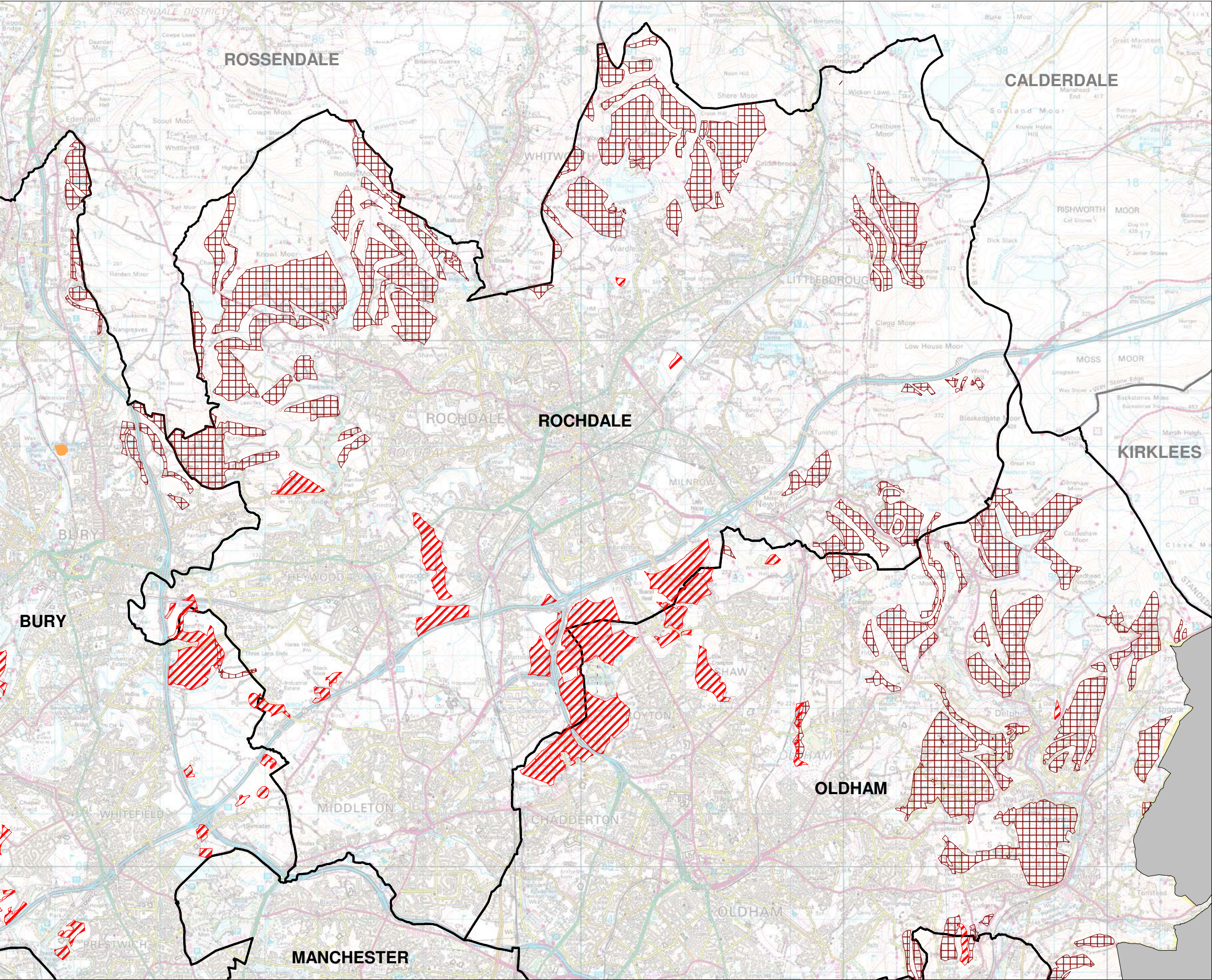
Scale:

NTS @ A3



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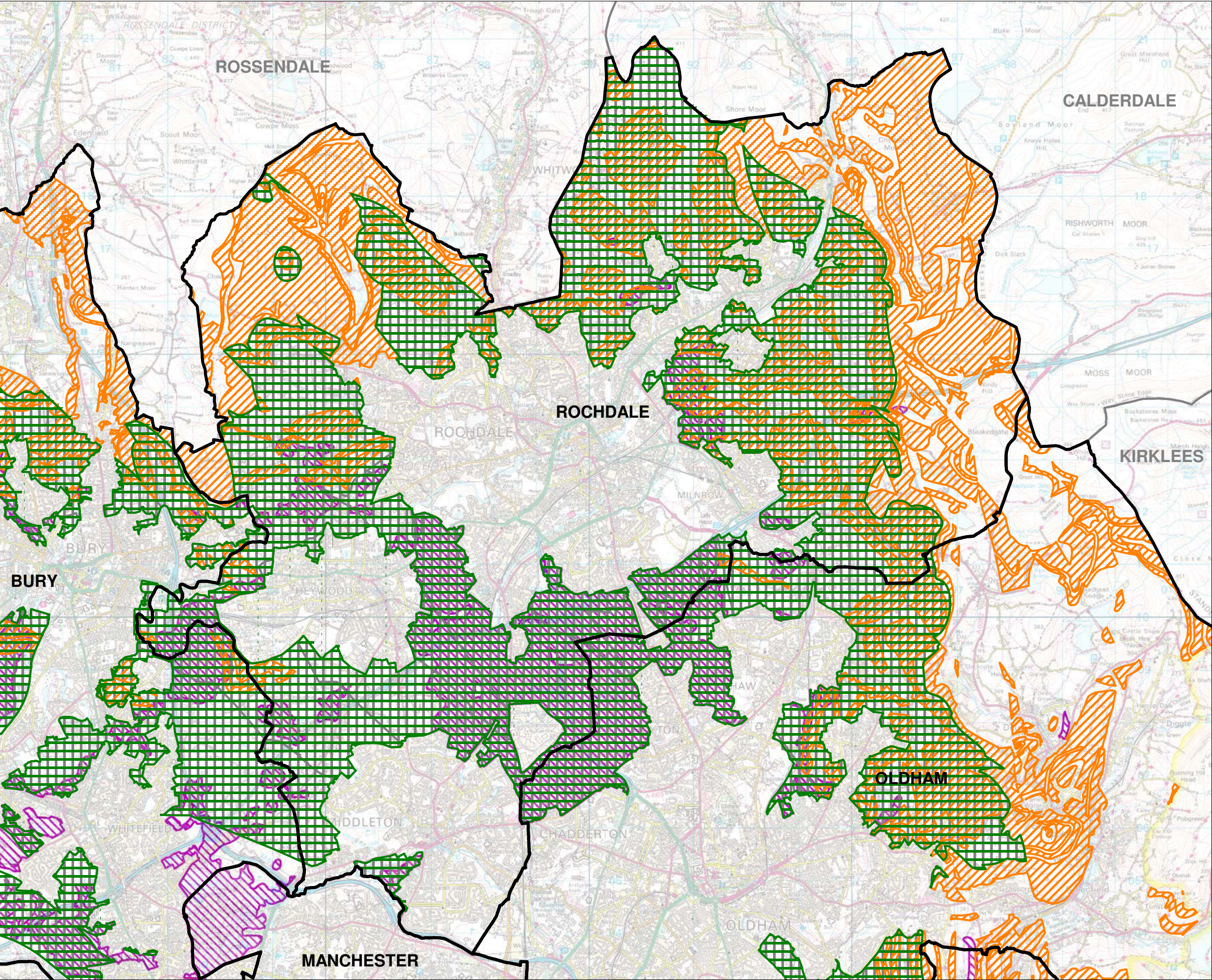


-  Neighbouring District Boundaries
-  Greater Manchester District Boundaries
-  Peak District National Park - although located within Oldham it is not part of the Minerals Plan area
-  Area of Search for Gravel
-  Area of Search for Sandstone
-  Area of Search for Sand

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Scale @ A3
1cm = 0.75km

Map 14 Areas of Search for
Aggregates in Rochdale



- Greater Manchester Districts
- Neighbouring District Boundaries
- Mineral Safeguarding Area for Sand and Gravel
- Mineral Safeguarding Area for Brick Clay
- Mineral Safeguarding Area for Coal
- Mineral Safeguarding Area for Sandstone

Map 24 ROCHDALE

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Scale @ A3
1cm = 0.75km

All Mineral Safeguarding Areas
in Rochdale

APPENDIX IV

OUNDSURE REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

274207304_1_1

Customer Reference:

14-768 JC

National Grid Reference:

387930, 410140

Slice:

A

Site Area (Ha):

0.01

Search Buffer (m):

1000

Site Details:

Flat 2, The Directors

3

Heywood Road

ROCHDALE

OL11 3AU

Client Details:

Mr A Edgar

e3p

City Airport Business Park

Eccles

Manchester

M30 7RU

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	-
Geological	29
Industrial Land Use	35
Sensitive Land Use	50
Data Currency	51
Data Suppliers	57
Useful Contacts	58

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			7	10
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6				5
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7		Yes		
Pollution Incidents to Controlled Waters	pg 7			3	13
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 9			1	1
River Quality Biology Sampling Points	pg 10				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 10				2 (*14)
Water Industry Act Referrals	pg 14				2
Groundwater Vulnerability Map	pg 14	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 15		7	37	57

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 27				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 27				1
Local Authority Landfill Coverage	pg 27	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 27			1	8
Potentially Infilled Land (Water)	pg 28		1	4	5
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 29	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 29	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 31			1	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 32	Yes	n/a	n/a	n/a
Mining Instability	pg 33	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 33		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 33		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 35		1	7	68
Fuel Station Entries	pg 41				2
Points of Interest - Commercial Services	pg 41			2	17
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 43			3	38
Points of Interest - Public Infrastructure	pg 46		1	5	21
Points of Interest - Recreational and Environmental	pg 49			3	1
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 50	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 50	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 50			1	
Special Areas of Conservation	pg 50			1	
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	0	1	387927 410143
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	24	1	387950 410143
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	93	1	387927 410050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	130	1	388000 410250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	143	1	387927 410000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	146	1	387900 410000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	155	1	388050 410050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (S)	193	1	387927 409950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	208	1	387850 409950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	221	1	387850 410350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	225	1	388100 410000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	234	1	388100 410300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	242	1	388150 410050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	258	1	387927 410400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	260	1	388100 409950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	268	1	387700 410000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	287	1	387800 410400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	298	1	387700 409950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	341	1	388100 409850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	377	1	387550 410143
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	408	1	387950 410550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	437	1	388350 410250

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	476	1	388100 409700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	494	1	387900 409650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	499	1	387850 409650
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Castleton South Junction Cso Adj To M62 Castleton (Trub Farm), Rochdale, .. Greater Manchester, OL11 1xh Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprqb3593ej Permit Version: 1 Effective Date: 15th April 2020 Issued Date: 15th April 2020 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	404	2	388136 409798
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Castleton Sso Alongside M62 Motorway, Castleton, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950400 Permit Version: 1 Effective Date: 28th February 1983 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	421	2	388140 409780
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Castleton South Junction Cso Adj To M62 Castleton (Trub Farm), Rochdale, .. Greater Manchester, OL11 1xh Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01roc0094 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: Not Supplied Revocation Date: 31st December 1994 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	421	2	388140 409780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Castleton South Junction Cso Adj To M62 Castleton (Trub Farm), Rochdale, .. Greater Manchester, OL11 1xh Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01ROC0094 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	426	2	388140 409775
2	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: The Links Ps, Castleton, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982945 Permit Version: 2 Effective Date: 17th November 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Roeacre Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NE (W)	449	2	387480 410180
2	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: The Links Ps, Castleton, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982945 Permit Version: 1 Effective Date: 14th June 1995 Issued Date: Not Supplied Revocation Date: 16th November 1995 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Roeacre Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12NE (W)	449	2	387480 410180
3	Discharge Consents Operator: Network Rail Infrastructure Limited Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Rochdale West Signal Box, Railway Brow, Castleton, Greater Manchester, OL11 2sp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: Eprlp3021gs Permit Version: 1 Effective Date: 1st August 2011 Issued Date: 1st August 2011 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Infiltration System Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	456	2	388280 410431

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 5 Effective Date: 17th September 2018 Issued Date: 17th September 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	573	2	388030 409580
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 16th September 2018 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	573	2	388030 409580
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 3 Effective Date: 31st December 2005 Issued Date: 21st December 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	573	2	388030 409580
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950034 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A8NE (S)	573	2	388030 409580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950034 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: 31st January 1985 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	579	2	388035 409575
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 5 Effective Date: 17th September 2018 Issued Date: 17th September 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Trib River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NW (S)	627	2	387860 409520
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 4 Effective Date: 1st January 2010 Issued Date: 24th September 2009 Revocation Date: 16th September 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	627	2	387860 409520
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950034 Permit Version: 3 Effective Date: 31st December 2005 Issued Date: 21st December 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A8NW (S)	627	2	387860 409520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950034 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: 31st January 1985 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A8NW (S)	627	2	387860 409520
5	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Castleton Wwtw Cstlt Manchester Golf Club, Hopwood Cottage, Rochdale Road, Middleton, M24 6qp Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950034 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trub Brook Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A8NW (S)	627	2	387860 409520
6	Local Authority Pollution Prevention and Controls Name: Omc Ford Location: Manchester Road, Castleton, ROCHDALE, Lancashire, OL11 2TR Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 58/10 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SW (E)	586	3	388500 410026
7	Local Authority Pollution Prevention and Controls Name: Lew Diecasting Ltd Location: Trows Lane, Castleton, ROCHDALE, Lancashire, OL11 2UF Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 37/05 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SE (E)	914	3	388838 410073
7	Local Authority Pollution Prevention and Controls Name: Lew Diecasting Ltd Location: Trows Lane, Castleton, ROCHDALE, Lancashire, OL11 2UF Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 37/05 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/3 Electrical and rotary furnaces Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SE (E)	914	3	388838 410073
7	Local Authority Pollution Prevention and Controls Name: Lew Diecastings Ltd Location: Trows Lane, Rochdale, Lancashire, OL11 2UF Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 37/05 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/8 Copper and copper alloy processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14SE (E)	914	3	388838 410073

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Local Authority Pollution Prevention and Controls Name: Sudden Service Station Location: Manchester Road, Rochdale, OL11 3ad Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 92/09 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A18NE (N)	942	3	388093 411069
	Nearest Surface Water Feature	A13NE (N)	82	-	387957 410219
9	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 8th June 1993 Incident Reference: 93611160 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (E)	404	2	388300 410295
9	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 3rd June 1993 Incident Reference: 93611117 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	406	2	388300 410300
10	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Rochdale Canal; Oil Incident Date: 2nd October 1996 Incident Reference: 96622122 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	454	2	388300 410400
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 16th March 1994 Incident Reference: 94610489 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	514	2	388300 410495
11	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Rochdale Canal; Crude Oil Incident Date: 13th July 1994 Incident Reference: 94621553 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	517	2	388300 410500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: Trub Brook Incident Date: 29th January 1992 Incident Reference: 92610159 Catchment Area: Irk Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	548	2	388000 409600
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Rochdale Canal; Oil Incident Date: 8th March 1996 Incident Reference: 96620471 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	655	2	388400 410595
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Oil Seeping Into Canal At , Manchester Road, Castleton , ROCHDALE Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Rochdale Canal; Oil Incident Date: 6th August 1997 Incident Reference: 97621423 Catchment Area: Rochdale Canal Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	659	2	388405 410595
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Not Supplied Incident Date: 7th January 1995 Incident Reference: 95620024 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	659	2	388400 410600
13	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Rochdale Canal, CASTLETON Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Other Organic Wastes Note: Not Supplied Incident Date: 30th January 1999 Incident Reference: 634 Catchment Area: Rochdale Canal Receiving Water: Canal Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	662	2	388405 410600
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Contaminated Sprinkler Water Incident Date: 30th May 1996 Incident Reference: 96621157 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	728	2	388400 410695

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Diesel (Including Agricultural) Note: Rochdale Canal; Diesel Incident Date: 11th April 1996 Incident Reference: 96620734 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	731	2	388405 410695
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Not Supplied Incident Date: 23rd January 1995 Incident Reference: 95620099 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	732	2	388400 410700
15	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Rochdale Canal; Thin Oil Film Incident Date: 14th April 1996 Incident Reference: 96620759 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	800	2	388500 410700
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Rochdale Canal; Oil Incident Date: 11th February 1996 Incident Reference: 96620258 Catchment Area: Rochdale Canal Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	873	2	388500 410800
17	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Unknown Sewage Note: Colne Water Incident Date: 27th August 1991 Incident Reference: 91330230 Catchment Area: Calder - Lancs Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	972	2	387300 409400
	River Quality Name: Rochdale Canal GQA Grade: River Quality B Reach: Qsl At Summit To Empress Processing Estimated Distance (km): 27.6 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A14SW (E)	416	2	388334 410059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Whit (Trub) Bk GQA Grade: River Quality D Reach: Qsl At Castleton Stw To Irk Estimated Distance (km): 4.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8NE (S)	545	2	387986 409602
18	River Quality Biology Sampling Points Name: Wince Beck Reach: Qsl At Castleton Sewage Treatment Works To Irk Estimated Distance: 4.50 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade Not Supplied Year: 1995 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2000 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2002 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2003 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2004 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2005 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2006 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2007 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2008 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2009 GQA Grade: River Quality Biology GQA Grade E - Poor	A8NE (S)	548	2	388000 409600
19	Water Abstractions Operator: Sonoco Industrial Packaging Licence Number: 2569002024 Permit Version: Not Supplied Location: Rochdale Canal, Castleton, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 123 Yearly Rate (m3): 30458 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	593	2	388400 410500
20	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 26 Yearly Rate (m3): 1473 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A8NW (S)	656	2	387800 409500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	1093	2	387600 409100
	Water Abstractions Operator: Tarmac Topmix Ltd Licence Number: 2569002257 Permit Version: 100 Location: Borehole At Green Lane, Heywood Authority: Environment Agency, North West Region Abstraction: Construction: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 35 Yearly Rate (m3): 10000 Details: Land & Prems-Green Lane, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1229	2	386700 410200
	Water Abstractions Operator: The Manchester Golf Club Ltd Licence Number: 2569005053 Permit Version: 100 Location: Trub Brk At Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Manchester Golf Club Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	1286	2	387600 408900
	Water Abstractions Operator: Oak Brewing Company Ltd Licence Number: 2569002029 Permit Version: 100 Location: Borehole At Premises, Green Lane, Heywood Authority: Environment Agency, North West Region Abstraction: Food And Drink: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 218 Yearly Rate (m3): 79646 Details: Premises At Green Lane, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th November 1990 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1428	2	386500 410100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr M Gadhi And Mr A Raazaq Licence Number: 2569002074 Permit Version: Not Supplied Location: Rochdale Canal At Queensway, Castleton, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 114 Yearly Rate (m3): 36368 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1507	2	389000 411200
	Water Abstractions Operator: M S Gadhi & A Raazaq Licence Number: 2569002026 Permit Version: Not Supplied Location: Borehole, Crest Mill, Queensway, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 655 Yearly Rate (m3): 91829 Details: Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SW (NE)	1582	2	389005 411300
	Water Abstractions Operator: Roe Acre Dyeing & Finishing Co Ltd Licence Number: 2569002266 Permit Version: Not Supplied Location: Crimble Mill, Crimble Lane, HEYWOOD, Lancashire, OL10 4DJ Authority: Environment Agency, North West Region Abstraction: Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 455 Yearly Rate (m3): 118300 Details: Unnamed Tributary Of River Roch; Textiles; Type: Abstraction; Status: Current Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SE (NW)	1757	2	386700 411400
	Water Abstractions Operator: G. S. Cold Storage And Warehousing Ltd. Licence Number: 2569002082 Permit Version: 102 Location: Boreholes (2) At Premises, Roeacre Tannery, Heywood, L97 Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises, Roeacre Tannery, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1787	2	386200 410600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Litton Ltd Licence Number: 2569002082 Permit Version: 101 Location: Boreholes (2) At Premises, Roeacre Tannery, Heywood, L97 Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Premises, Roeacre Tannery, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1787	2	386200 410600
	Water Abstractions Operator: Roe Acre Dyeing & Felting Co. Ltd. Licence Number: 2569002022 Permit Version: Not Supplied Location: Reservoir Fed By Roe Acre Brook, Roe Acre Dam, HEYWOOD Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing Abstraction Type: Not Supplied Source: River Daily Rate (m3): 2309 Yearly Rate (m3): 340950 Details: Additional Purpose: Boiler feed; Licence Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1813	2	386200 410695
	Water Abstractions Operator: G. S. Cold Storage And Warehousing Ltd. Licence Number: 2569002082 Permit Version: 102 Location: Boreholes (2) At Premises, Roeacre Tannery, Heywood Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises, Roeacre Tannery, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd December 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1815	2	386200 410700
	Water Abstractions Operator: Litton Ltd Licence Number: 2569002082 Permit Version: 101 Location: Boreholes (2) At Premises, Roeacre Tannery, Heywood Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 546 Yearly Rate (m3): 134016 Details: Premises, Roeacre Tannery, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 22nd June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1815	2	386200 410700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Roe Acre Dyeing & Felting Co Ltd Licence Number: 2569002270 Permit Version: 100 Location: River Roch At Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Crimble Mill, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th June 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21NE (NW)	1884	2	386620 411500
	Water Abstractions Operator: Roe Acre Dyeing & Felting Co Ltd Licence Number: 2569002270 Permit Version: 100 Location: River Roch At Heywood Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Crimble Mill, Heywood Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th June 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A21NE (NW)	1884	2	386620 411500
21	Water Industry Act Referrals Name: Whipp And Bourne Ltd Location: SWITCHGEAR WORKS, MANCHESTER ROAD, CASTLETON, ROCHDALE, LANCASHIRE, OL11 2SS Authority: Environment Agency, North West Region Permit Reference: BB4588 Dated: 12th June 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	524	2	388375 410413
21	Water Industry Act Referrals Name: Whipp And Bourne Ltd Location: SWITCHGEAR WORKS, MANCHESTER ROAD, CASTLETON, ROCHDALE, LANCASHIRE, OL11 2SS Authority: Environment Agency, North West Region Permit Reference: BB5193 Dated: 12th June 1998 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application received by the EA but is not yet authorised Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	534	2	388376 410431
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: >10m Superficial Recharge: High	A13NE (NE)	0	4	387927 410143
	Groundwater Vulnerability - Soluble Rock Risk None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	4	387927 410143
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (NE)	0	4	387927 410143
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (N)	82	5	387957 410219
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (SE)	150	5	388016 410023
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	212	5	387769 410284
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	223	5	387770 410300
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	224	5	387770 410301
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	225	5	388007 409933

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 226.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	248	5	387981 409901
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13SE (S)	264	5	388003 409890
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NW (NW)	266	5	387760 410349
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A13NE (E)	310	5	388215 410255
32	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 44.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A14SW (E)	354	5	388280 410124
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	363	5	388047 409801
34	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 159.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (E)	364	5	388290 410126
35	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 109.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (E)	366	5	388292 410164
36	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 152.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (E)	388	5	388285 409995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (E)	389	5	388289 410002
38	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 349.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (E)	392	5	388294 410006
39	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (E)	398	5	388302 410272
40	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (E)	398	5	388302 410272
41	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (E)	404	5	388300 410295
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	405	5	388099 409777
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 44.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	405	5	388099 409777
44	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (NE)	415	5	388301 410320
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	416	5	387512 410133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	422	5	387506 410114
47	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 219.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14NW (NE)	422	5	388303 410332
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (SE)	425	5	388143 409777
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	434	5	387493 410153
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NE (W)	435	5	387492 410154
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	443	5	387485 410130
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	445	5	387483 410132
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NE (W)	449	5	387480 410177
54	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (SE)	455	5	388276 409852

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NE (W)	457	5	387471 410172
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 97.3 Watercourse Level: Underground Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A14SW (SE)	468	5	388278 409835
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	468	5	388278 409835
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	470	5	387461 410084
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NE (W)	478	5	387449 410159
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	479	5	388300 409844
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	491	5	387437 410108
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	491	5	387437 410109
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	494	5	388095 409679

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	496	5	388341 409870
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (SE)	499	5	388355 409888
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NE (W)	503	5	387424 410149
67	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 152.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A9NW (SE)	545	5	388292 409739
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	556	5	388025 409596
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12SE (W)	559	5	387369 410134
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SE (W)	561	5	387369 410087
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	564	5	388090 409603
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	564	5	388091 409604

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	566	5	388097 409604
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	569	5	388089 409599
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	570	5	388072 409593
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	571	5	388029 409581
77	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 25.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A19SW (NE)	578	5	388345 410542
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	578	5	388131 409602
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	579	5	387970 409566
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 204.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8NE (S)	580	5	387967 409565
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	580	5	388135 409602

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A8NE (S)	580	5	388135 409602
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 81.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	588	5	388478 409939
84	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1199.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A19SW (NE)	601	5	388353 410566
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	604	5	388134 409576
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8NE (S)	604	5	388134 409576
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SW (E)	645	5	388550 409978
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 259.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SW (E)	645	5	388550 409978
89	OS Water Network Lines Watercourse Form: Lock or flight of locks Watercourse Length: 26.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A9NW (SE)	648	5	388377 409677
90	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A9NW (SE)	663	5	388371 409651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	OS Water Network Lines Watercourse Form: Transfer Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 2	A9NW (SE)	675	5	388322 409596
92	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A9NW (SE)	689	5	388349 409600
93	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 1216.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Rochdale Canal Catchment Name: Mersey Primacy: 2	A9NW (SE)	692	5	388349 409596
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NE (SW)	705	5	387573 409533
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.1 Watercourse Level: Underground Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8SW (S)	717	5	387842 409431
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8SW (S)	731	5	387835 409418
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	788	5	388675 409896
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	813	5	387643 409381
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	818	5	387632 409381

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	825	5	388706 409874
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	825	5	388706 409874
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 249.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	833	5	387172 409791
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	846	5	388769 410064
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	860	5	387091 409940
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	860	5	387067 410126
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	860	5	387067 410145
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 322.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7SE (SW)	868	5	387526 409373
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	874	5	387063 410013

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 334.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12SW (W)	878	5	387080 409912
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	882	5	387049 410223
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A8SW (S)	895	5	387666 409287
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A8SW (S)	903	5	387664 409280
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A12NW (W)	909	5	387026 410256
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 87.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	909	5	387026 410256
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	922	5	387107 409721
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A7NW (SW)	923	5	387105 409724
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	923	5	388846 410061

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Trub Brook Catchment Name: Mersey Primacy: 1	A14SE (E)	935	5	388858 410061
119	OS Water Network Lines Watercourse Form: Reservoir Watercourse Length: 198.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A14SE (E)	945	5	388868 410064
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Roeacre Brook Catchment Name: Mersey Primacy: 1	A12NW (W)	979	5	386959 410292
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	996	5	388856 409787
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Mersey Primacy: 1	A9NE (E)	996	5	388856 409787

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	Historical Landfill Sites Licence Holder: Wilderness Quarries Limited Location: Heywood, Rochdale Name: Land South of Chadwick Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15792 First Input Date: 31st December 1984 Last Input Date: 31st December 1986 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9067 BGS Ref: Not Supplied Other Ref: RD/LIC/350/84, D009, RD/LIC/265/83, 4200/9007	A12NW (W)	754	2	387200 410341
124	Licensed Waste Management Facilities (Locations) Licence Number: 50145 Location: Land At, Railway Approach, Castleton, Rochdale, Lancashire, OL11 3EE Operator Name: Britannia Import Export Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Expired Issued: 10th March 2003 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	694	2	388315 410717
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	3	387927 410143
125	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (W)	294	-	387636 410104
126	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SW (NW)	679	-	387645 410760
127	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17SE (NW)	689	-	387393 410577
128	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A14SE (E)	742	-	388627 409899
129	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NE (E)	879	-	388776 410367
130	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NE (E)	927	-	388822 410383
131	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A9NE (SE)	932	-	388725 409663
132	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SW (NE)	935	-	388587 410805
133	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A19SE (E)	989	-	388841 410519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1851	A13SW (S)	56	-	387913 410089
135	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1851	A13SW (W)	307	-	387642 410027
136	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A14SW (SE)	457	-	388273 409846
137	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (S)	463	-	388044 409695
138	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (SE)	472	-	388133 409719
139	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1851	A19SW (NE)	708	-	388324 410728
140	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18NW (N)	798	-	387801 410930
141	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19NW (NE)	895	-	388514 410818
142	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A19NW (NE)	940	-	388300 411005
143	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1851	A9SE (SE)	990	-	388625 409441

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13NE (NE)	0	1	387927 410143
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (NE)	0	1	387927 410143
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 1.8 - 2.2 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13NE (E)	74	1	388000 410143
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 3.0 - 6.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (S)	143	1	387927 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SE (SE)	161	1	388000 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: <15 mg/kg Concentration: Cadmium: 3.0 - 6.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A13SW (SW)	357	1	387600 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A14NW (E)	574	1	388500 410143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	591	1	388500 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 300 - 600 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	643	1	387927 409500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium 3.0 - 6.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (S)	647	1	388000 409500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 2.2 - 3.0 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SW (N)	670	1	387793 410799
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	676	1	388500 410500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium 1.8 - 2.2 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	776	1	388658 409884

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 3.0 - 6.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A18NE (N)	858	1	387927 411000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 25 - 35 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A9NW (SE)	862	1	388500 409500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12NW (W)	927	1	387000 410143
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A12SW (W)	938	1	387000 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: 2.2 - 3.0 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A17NE (NW)	958	1	387500 411000
144	BGS Recorded Mineral Sites Site Name: Castleton North Junction Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96582 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (W)	311	1	387619 410102

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	BGS Recorded Mineral Sites Site Name: Castleton Gravel Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96578 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	684	1	387645 410766
146	BGS Recorded Mineral Sites Site Name: Heys Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 243055 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	697	1	387387 410583
147	BGS Recorded Mineral Sites Site Name: Castleton Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 15321 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14SE (E)	889	1	388760 409835
148	BGS Recorded Mineral Sites Site Name: Fox Hill Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 249184 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	909	1	388695 409658
149	BGS Recorded Mineral Sites Site Name: Windy Bank Sand Pit Location: Castleton, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96583 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A14NE (E)	918	1	388811 410387
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NE (NE)	0	6	387927 410143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NE)	0	-	387927 410143
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	45	1	387954 410107
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	143	1	387920 410000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	45	1	387954 410107
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	143	1	387920 410000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	45	1	387954 410107
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	118	1	387895 410030
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	143	1	387920 410000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	143	1	387927 410000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	387927 410143

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Contemporary Trade Directory Entries Name: Castleton Cosmetic Car Repairs Location: 144, Fairway, Rochdale, Lancashire, OL11 3BZ Classification: Alloys Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	215	-	388024 410335
151	Contemporary Trade Directory Entries Name: Olivers Blinds Location: 136, Heywood Road, Rochdale, Lancashire, OL11 3BT Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	377	-	387955 410519
152	Contemporary Trade Directory Entries Name: F K I Logistex Ltd Location: Switchgear Works, Manchester Rd, Rochdale, Lancashire, OL11 2SS Classification: Crane Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	462	-	388345 410338
152	Contemporary Trade Directory Entries Name: Whipp & Bourne Location: Switchgear Works, Manchester Road, ROCHDALE, Lancashire, OL11 2SS Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	463	-	388346 410338
153	Contemporary Trade Directory Entries Name: R Bibby Location: Minor Street, Rochdale, Lancashire, OL11 2TQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	465	-	388389 410180
153	Contemporary Trade Directory Entries Name: A & C Motor Spares Location: 956, Manchester Road, Rochdale, Lancashire, OL11 2TL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	497	-	388423 410163
154	Contemporary Trade Directory Entries Name: Spotless 4u Solutions Ltd Location: 5, Tudor Hall Street, Rochdale, OL11 3BB Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (NE)	470	-	388107 410576
155	Contemporary Trade Directory Entries Name: C & C Cars & Commercial Location: 914 Manchester Rd, Rochdale, Lancashire, OL11 2SR Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	489	-	388398 410270
156	Contemporary Trade Directory Entries Name: Chem Free Building Preservation Ltd Location: 885, Manchester Road, Rochdale, Lancashire, OL11 2ST Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	528	-	388405 410366
156	Contemporary Trade Directory Entries Name: Red Rose Preservations Ltd Location: Newchurch Place, Manchester Road, Rochdale, Lancashire, OL11 2ST Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	548	-	388434 410350
157	Contemporary Trade Directory Entries Name: G R T Trading Location: 856, Manchester Road, Rochdale, Lancashire, OL11 2SP Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	536	-	388342 410481
157	Contemporary Trade Directory Entries Name: Bacon Barnies Ltd Location: 854, Manchester Road, Rochdale, Lancashire, OL11 2SP Classification: Bacon & Ham Curers & Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	538	-	388341 410486

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	Contemporary Trade Directory Entries Name: Blu Bek Distribution Location: 858A Manchester Rd, Rochdale, Lancashire, OL11 2SP Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	550	-	388360 410480
158	Contemporary Trade Directory Entries Name: Lomax Transport Services Location: Trub Farm, Manchester Road, Rochdale, Lancashire, OL11 2XG Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	548	-	388431 409931
159	Contemporary Trade Directory Entries Name: Go Minibus Travel Location: 951, Manchester Road, Rochdale, Lancashire, OL11 2TR Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	563	-	388479 410037
159	Contemporary Trade Directory Entries Name: O M C Ford Location: Manchester Road, Rochdale, Lancashire, OL11 2TR Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (E)	577	-	388492 410027
160	Contemporary Trade Directory Entries Name: Laurence Scott & Electromotors Location: Switchgear Works, Manchester Rd, Castleton, Rochdale, Lancashire, OL11 2SS Classification: Electric Motor Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	568	-	388255 410606
160	Contemporary Trade Directory Entries Name: Globewide Services Location: 831, Manchester Road, Rochdale, Lancashire, OL11 3AH Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	587	-	388252 410631
160	Contemporary Trade Directory Entries Name: Electrowaste Location: Railway Approach, Rochdale, Lancashire, OL11 3EE Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	604	-	388272 410638
160	Contemporary Trade Directory Entries Name: Mobile Tyre Fitting Services Location: Railway Approach, Rochdale, Lancashire, OL11 3EE Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	607	-	388267 410645
161	Contemporary Trade Directory Entries Name: F Wainwright & Co Location: Manchester Road, ROCHDALE, Lancashire, OL11 2UY Classification: Asphalt & Coated Macadam Laying Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	581	-	388320 410571
162	Contemporary Trade Directory Entries Name: D R Felstead Location: Leonard Street, Rochdale, Lancashire, OL11 2SX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	589	-	388441 410429
162	Contemporary Trade Directory Entries Name: A & D Cylinder Head Services Location: Scholes Street, Rochdale, Lancashire, OL11 2SY Classification: Engine Rebuilding & Reconditioning Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	589	-	388441 410429

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	Contemporary Trade Directory Entries Name: Pak Kashmir Cargo Services Ltd Location: 25, Albion Street, Rochdale, Lancashire, OL11 2UT Classification: Cargo Handling Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (NE)	638	-	388483 410454
163	Contemporary Trade Directory Entries Name: C L S Motor Co Location: 774 Manchester Rd, Rochdale, Lancashire, OL11 3AW Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (N)	594	-	388126 410702
163	Contemporary Trade Directory Entries Name: Crystal Clear Location: 774 Manchester Rd, Rochdale, Lancashire, OL11 3AA Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (N)	614	-	388145 410716
163	Contemporary Trade Directory Entries Name: Classic Ironing Service Location: 772, Manchester Road, Rochdale, Lancashire, OL11 3AW Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	616	-	388111 410730
163	Contemporary Trade Directory Entries Name: Ceramic Images Location: 773, Manchester Road, Rochdale, Lancashire, OL11 3AH Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	637	-	388144 410741
164	Contemporary Trade Directory Entries Name: Krm Trading Location: 801, Manchester Road, Rochdale, Lancashire, OL11 3AH Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	613	-	388188 410696
165	Contemporary Trade Directory Entries Name: E Flynn & Sons Location: 12, Vicarage Road North, Rochdale, Lancashire, OL11 2TE Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	623	-	388544 410225
166	Contemporary Trade Directory Entries Name: P K Joinery Location: 54, Newchurch Street, Rochdale, Lancashire, OL11 2SZ Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	632	-	388505 410397
167	Contemporary Trade Directory Entries Name: Discount Cars Of Rochdale Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	635	-	388471 409817
167	Contemporary Trade Directory Entries Name: 24 Hour Recovery & Movement Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	635	-	388471 409817
167	Contemporary Trade Directory Entries Name: Empire Tinting & Signs Location: 1050 Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Window Tinting Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	643	-	388482 409819
167	Contemporary Trade Directory Entries Name: D & W Cars Ltd Location: 1050, MANCHESTER ROAD, ROCHDALE, OL11 2XJ Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	643	-	388482 409819

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	Contemporary Trade Directory Entries Name: Castleton Van Sales Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	644	-	388483 409819
167	Contemporary Trade Directory Entries Name: Manchester Caravans Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	651	-	388492 409821
167	Contemporary Trade Directory Entries Name: Drive 4 Cars Location: 1050, Manchester Road, Rochdale, Lancashire, OL11 2XJ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	651	-	388492 409821
167	Contemporary Trade Directory Entries Name: Empire Tinting Location: 1050 Manchester Rd, Rochdale, Lancashire, OL11 2XJ Classification: Window Tinting Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14SW (SE)	668	-	388511 409820
168	Contemporary Trade Directory Entries Name: C R Forwarding Ltd Location: 746a, Manchester Road, Rochdale, Lancashire, OL11 3AQ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	663	-	388078 410788
169	Contemporary Trade Directory Entries Name: E & J Pearn Location: 17, Bates Close, Rochdale, Lancashire, OL11 2TU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	695	-	388618 410078
170	Contemporary Trade Directory Entries Name: C P D Property Services Ltd Location: Alpha Works, Smalley Street, Rochdale, Lancashire, OL11 3EB Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	701	-	388238 410770
171	Contemporary Trade Directory Entries Name: Wrong Fuel Master Location: 38, Keswick Street, Rochdale, OL11 3AG Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	701	-	387869 410841
172	Contemporary Trade Directory Entries Name: Easy Dent Ltd Location: Unit 4, Bluepits Mill, Queensway, Rochdale, Lancashire, OL11 2PG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	772	-	388474 410686
172	Contemporary Trade Directory Entries Name: E P O S Group Location: Bluepits Mill, Queensway, Rochdale, Lancashire, OL11 2YW Classification: Cash Registers & Check-Out Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	773	-	388475 410687
172	Contemporary Trade Directory Entries Name: Bodyworks Rochdale Ltd Location: Bluepits Mill, Queensway, Rochdale, OL11 2YW Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	773	-	388475 410687
173	Contemporary Trade Directory Entries Name: Webuyanycar.Com Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	Contemporary Trade Directory Entries Name: Carcraft Of Rochdale Ltd Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902
173	Contemporary Trade Directory Entries Name: Carcraft Of Rochdale Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902
173	Contemporary Trade Directory Entries Name: Carcraft Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902
173	Contemporary Trade Directory Entries Name: Carcraft Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902
173	Contemporary Trade Directory Entries Name: Carcraft Of Rochdale Location: Nixon Street, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	789	-	387712 410902
173	Contemporary Trade Directory Entries Name: We Buy Any Car Ltd Location: Nixon St, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18NW (N)	789	-	387712 410902
174	Contemporary Trade Directory Entries Name: A P E Scaffolding Location: Globe Works, Queensway, Rochdale, OL11 2QY Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	831	-	388512 410732
174	Contemporary Trade Directory Entries Name: Pjr Fabrications Location: Globe Works, Queensway, Rochdale, Lancashire, OL11 2QY Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	831	-	388512 410732
175	Contemporary Trade Directory Entries Name: Cooling Equipment Hire Ltd Location: 1144, Manchester Road, Rochdale, Lancashire, OL11 2XX Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	850	-	388514 409529
176	Contemporary Trade Directory Entries Name: Palletways Location: Royle Barn Road, Rochdale, Lancashire, OL11 3DT Classification: Road Haulage Services Status: Active Positional Accuracy: Manually positioned to the address or location	A18NE (N)	873	-	388180 410978
176	Contemporary Trade Directory Entries Name: James Nuttall Transport Ltd Location: Royle Barn Road, Rochdale, Lancashire, OL11 3DT Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	876	-	388180 410981
176	Contemporary Trade Directory Entries Name: Unique Sauces Location: Royle Barn Road, Rochdale, Lancashire, OL11 3DT Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	876	-	388180 410981

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	Contemporary Trade Directory Entries Name: Crystal Clear Logistics Location: 7 Royle Barn Rd, Rochdale, Lancashire, OL11 3DT Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	884	-	388223 410975
177	Contemporary Trade Directory Entries Name: Lancashire Casting Location: Trows Lane, Rochdale, Lancashire, OL11 2UF Classification: Die-Casting Equipment & Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	914	-	388838 410073
178	Contemporary Trade Directory Entries Name: M Howes Location: 594 Manchester Rd, Rochdale, Lancashire, OL11 3AF Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	919	-	388024 411056
178	Contemporary Trade Directory Entries Name: Jim Partington Location: 2, Knoll Street, Rochdale, Lancashire, OL11 3JJ Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	927	-	387967 411069
178	Contemporary Trade Directory Entries Name: Nixon Street Garage Location: 1, Nixon Street, Rochdale, OL11 3JL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	928	-	388005 411067
179	Contemporary Trade Directory Entries Name: Uk Car Group Location: Nixon St, Rochdale, Lancashire, OL11 3JW Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18NW (N)	926	-	387892 411068
180	Contemporary Trade Directory Entries Name: Flog It 2 Us Location: The Tannery, Queensway, Rochdale, Lancashire, OL11 2YW Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	935	-	388535 410853
180	Contemporary Trade Directory Entries Name: Rochdale Recoveries Service Ltd Location: The Tannery, Queensway, ROCHDALE, Lancashire, OL11 2YW Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	935	-	388535 410853
180	Contemporary Trade Directory Entries Name: John Mason Export Ltd Location: The Tannery, Queensway, Rochdale, OL11 2YW Classification: Leather Products - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	936	-	388535 410853
181	Contemporary Trade Directory Entries Name: Dale Car Sales Location: Castleton Service Station, Manchester Road, Rochdale, Lancashire, OL11 3AD Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	941	-	388093 411069
182	Contemporary Trade Directory Entries Name: The Fireplace Factory Location: Marland Mill, Nixon Street, Rochdale, Lancashire, OL11 3JD Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	976	-	387838 411114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	Contemporary Trade Directory Entries Name: A C G Distribution Location: Leander Drive, Rochdale, Lancashire, OL11 2XD Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	984	-	388889 410346
184	Contemporary Trade Directory Entries Name: Centravac Location: Arrow Mill, Queensway, Rochdale, Lancashire, OL11 2YW Classification: Vacuum Cleaners - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	989	-	388586 410880
184	Contemporary Trade Directory Entries Name: Tate Fabrics Location: Arrow Mill, Queensway, Rochdale, Lancashire, OL11 2QN Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	989	-	388586 410880
184	Contemporary Trade Directory Entries Name: Connect Working Spaces Ltd Location: Arrow Mill, Queensway, Rochdale, Lancashire, OL11 2YW Classification: Office Furniture & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	990	-	388586 410880
185	Contemporary Trade Directory Entries Name: Queensway Tyres Location: Unit 1, Harp Industrial Estate, Queensway, Rochdale, OL11 2QQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	990	-	388653 410815
186	Contemporary Trade Directory Entries Name: Innovative Solutions Location: Unit 28, Transpennine Trading Estate, Gorrels Way, Rochdale, Lancashire, OL11 2QR Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	995	-	388505 410952
187	Fuel Station Entries Name: Dale Car Centre Location: Manchester Road , , Rochdale, Greater Manchester, OL11 3AD Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A18NE (N)	818	-	388092 410943
188	Fuel Station Entries Name: Carcraft Location: Nixon Street , Castleton Moor , Rochdale, Greater Manchester, OL11 3JE Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	988	-	388011 411127
189	Points of Interest - Commercial Services Name: A & C Motor Spares Location: 956 Manchester Road, Rochdale, OL11 2TL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	497	7	388423 410163
189	Points of Interest - Commercial Services Name: A & C Motor Spares Location: 956 Manchester Road, Rochdale, OL11 2TL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	497	7	388423 410163
190	Points of Interest - Commercial Services Name: Lomax Transport Services Location: Trub Farm, Manchester Road, Rochdale, OL11 2XG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (E)	520	7	388413 409961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Points of Interest - Commercial Services Name: Lomax Transport Services Location: Trub Farm, Manchester Road, Rochdale, OL11 2XG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (SE)	548	7	388431 409931
191	Points of Interest - Commercial Services Name: A & D Cylinder Head Services Location: Scholes Street, Rochdale, OL11 2SY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (NE)	589	7	388441 410429
191	Points of Interest - Commercial Services Name: Pak Kashmir Cargo Services Ltd Location: 25 Albion Street, Rochdale, OL11 2UT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NE)	638	7	388483 410454
192	Points of Interest - Commercial Services Name: Pearn E & J Transport Location: 17 Bates Close, Rochdale, OL11 2TU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	695	7	388618 410078
193	Points of Interest - Commercial Services Name: Bodyworks Rochdale Ltd Location: Bluepits Mill, Queensway, Rochdale, OL11 2YW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	773	7	388475 410687
193	Points of Interest - Commercial Services Name: Easy Dent Ltd Location: Unit 4 Blue Pit Mill Queensway, Rochdale, OL11 2PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	777	7	388463 410705
193	Points of Interest - Commercial Services Name: Blue Pit Test Centre Location: Bluepits Mill, Queensway, Rochdale, OL11 2YW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	778	7	388447 410721
193	Points of Interest - Commercial Services Name: Triad Fabrications Ltd Location: Globe Works, Queensway, Rochdale, OL11 2QY Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19SW (NE)	831	7	388512 410732
194	Points of Interest - Commercial Services Name: A F Windscreens Location: 1138 Thorsby House, Manchester Road, Rochdale, OL11 2XX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	829	7	388517 409561
195	Points of Interest - Commercial Services Name: James Nuttall Ltd Location: Royle Barn Road, Rochdale, OL11 3DT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	876	7	388180 410981
196	Points of Interest - Commercial Services Name: Partington Transport (Castleton) Location: 604 Manchester Road, Rochdale, OL11 3AF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	879	7	388047 411013
196	Points of Interest - Commercial Services Name: Nixon Street Garage Location: 1 Nixon Street, Rochdale, OL11 3JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	928	7	388008 411067

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	Points of Interest - Commercial Services Name: Nixon Street Garage Ltd Location: 1 Nixon Street, Rochdale, OL11 3JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	929	7	388008 411067
197	Points of Interest - Commercial Services Name: Queensway Commercials Ltd Location: Queensway, Rochdale, OL11 2QY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	916	7	388531 410831
198	Points of Interest - Commercial Services Name: Castleton Location: Marland Mill, Nixon Street, Rochdale, OL11 3JD Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	976	7	387838 411114
199	Points of Interest - Commercial Services Name: Silver Shield Windscreens Location: Unit 28 Transpennine Trading Estate, Gorrels Way, Rochdale, OL11 2QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	995	7	388505 410952
200	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	388	7	388309 410208
200	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	445	7	388353 410270
200	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	450	7	388344 410311
201	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	545	7	388428 410355
201	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	545	7	388428 410356
202	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	581	7	388319 410571
203	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	628	7	388450 409796
203	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	628	7	388450 409796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	632	7	388250 410685
204	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	633	7	388255 410684
205	Points of Interest - Manufacturing and Production Name: Works Location: OL10 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	691	7	388049 409463
206	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	711	7	388372 410697
206	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	714	7	388376 410697
206	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	724	7	388385 410703
207	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	739	7	388532 410566
207	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	791	7	388538 410644
207	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	792	7	388538 410645
208	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	763	7	388494 410653
208	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	784	7	388513 410662
208	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	784	7	388513 410662

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	865	7	388581 410708
208	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	865	7	388581 410708
209	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	849	7	388475 410790
209	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	899	7	388495 410839
209	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19NW (NE)	904	7	388497 410844
209	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	935	7	388544 410844
209	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	935	7	388544 410844
210	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18NE (N)	871	7	388185 410974
210	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	872	7	388182 410976
211	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	915	7	388838 410070
211	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	915	7	388838 410070
211	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	925	7	388850 410091

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	925	7	388850 410091
212	Points of Interest - Manufacturing and Production Name: Sand Pit (Disused) Location: OL11 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	918	7	387114 410569
213	Points of Interest - Manufacturing and Production Name: Sand Pit (Disused) Location: OL10 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	922	7	387059 410453
214	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (N)	932	7	388278 411006
215	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	948	7	388651 410753
215	Points of Interest - Manufacturing and Production Name: Tank Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	951	7	388652 410757
215	Points of Interest - Manufacturing and Production Name: Tanks Location: OL11 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	958	7	388665 410752
216	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	961	7	388486 410924
216	Points of Interest - Manufacturing and Production Name: Works Location: OL11 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	990	7	388509 410943
217	Points of Interest - Public Infrastructure Name: Castleton North Junction Location: OL11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	243	7	387766 409961
218	Points of Interest - Public Infrastructure Name: Castleton East Junction Location: OL11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	357	7	388178 410395
219	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	389	7	388289 410002

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
220	Points of Interest - Public Infrastructure Name: Weirs Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	408	7	388102 409775
220	Points of Interest - Public Infrastructure Name: Weirs Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	411	7	388103 409772
220	Points of Interest - Public Infrastructure Name: Castleton South Junction Location: OL11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	418	7	388176 409808
221	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	503	7	388359 409887
221	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	505	7	388362 409888
222	Points of Interest - Public Infrastructure Name: Sluices Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	520	7	387979 409626
222	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	561	7	387939 409582
222	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	565	7	388001 409583
222	Points of Interest - Public Infrastructure Name: Sluice Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	575	7	387979 409571
222	Points of Interest - Public Infrastructure Name: Sluices Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	589	7	387973 409556
222	Points of Interest - Public Infrastructure Name: Sluices Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	590	7	387993 409557
222	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (S)	661	7	388010 409488

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	Points of Interest - Public Infrastructure Name: Sluices Location: OL10 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	662	7	388040 409491
223	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (S)	547	7	388082 409619
223	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (S)	548	7	388082 409618
224	Points of Interest - Public Infrastructure Name: Castleton (Manchester) Rail Station Location: Manchester Road, OL11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A19SW (NE)	587	7	388282 410609
224	Points of Interest - Public Infrastructure Name: Castleton Station Location: Manchester Road, OL11 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A19SW (NE)	587	7	388282 410609
224	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	600	7	388348 410569
225	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	678	7	388325 409595
225	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	680	7	388327 409594
225	Points of Interest - Public Infrastructure Name: Sluice Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	688	7	388344 409596
226	Points of Interest - Public Infrastructure Name: Sewage Works Location: OL10 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	688	7	388048 409466
227	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	927	7	388849 410057
227	Points of Interest - Public Infrastructure Name: Weir Location: OL11 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	928	7	388850 410056

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	Points of Interest - Recreational and Environmental Name: Playground Location: OL11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	398	7	388091 410505
228	Points of Interest - Recreational and Environmental Name: Playground Location: Heywood Road, OL11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (NE)	400	7	388098 410504
228	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	401	7	388098 410505
229	Points of Interest - Recreational and Environmental Name: Play Area Location: OL11 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	968	7	388657 409508

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	Areas of Adopted Green Belt Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan Status: Adopted Plan Date: 30th June 2006	A13NE (NE)	0	9	387927 410143
231	Nitrate Vulnerable Zones Name: River Irk (Moston Brook To River Irwell) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (NE)	0	4	387927 410143
232	Sites of Special Scientific Interest Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 263678.3 Source: Natural England Reference: 2000430 Designation Details: Special Area Of Conservation Designation Date: 16th August 2000 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 16th August 2000 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 16th August 2000 Date Type: Notified	A14SW (E)	352	8	388277 410124
233	Special Areas of Conservation Name: Rochdale Canal Multiple Areas: Y Total Area (m2): 261103.36 Source: Natural England Reference: UK0030266 Status: Designated	A14SW (E)	352	8	388277 410124

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Rossendale Borough Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	June 2020 November 2015 October 2013 October 2017 September 2013 September 2014	Annually Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	January 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - North West Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 May 2016 September 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 March 2015 May 2016 September 2014	Not Applicable Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department Oldham Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 May 2016 September 2013 September 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	October 2020	
Pollution Incidents to Controlled Waters Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North West Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - North West Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - North West Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North West Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	January 2021 January 2021 January 2021	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bury Metropolitan Borough Council Lancashire County Council - Waste Management Group Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council - Environmental Health Department Rossendale Borough Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North West Region - Central Area Environment Agency - North West Region - North Area Environment Agency - North West Region - South Area	March 2003 March 2003 March 2003	Not Applicable Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bury Metropolitan Borough Council Lancashire County Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Bury Metropolitan Borough Council Lancashire County Council Manchester City Council - Planning Department Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	March 2021	Quarterly
Points of Interest - Education and Health PointX	March 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2021	Quarterly
Points of Interest - Public Infrastructure PointX	March 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2021	Quarterly
Underground Electrical Cables National Grid	December 2020	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Bury Metropolitan Borough Council Manchester City Council Oldham Metropolitan Borough Council Rochdale Metropolitan Borough Council Rossendale Borough Council - Planning Department	June 2020 June 2020 June 2020 June 2020 June 2020	As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Rochdale Metropolitan Borough Council - Environmental Health Department P O Box 32, Telegraph House, Ballie Street, Rochdale, Greater Manchester, OL16 1JH	Telephone: 01706 864139 Fax: 01706 864185 Website: www.rochdale.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
9	Rochdale Metropolitan Borough Council PO Box 15, Town Hall, Rochdale, Greater Manchester, OL16 1AB	Telephone: 01706 647474 Fax: 01706 59475 Website: www.rochdale.gov.uk
10	Oldham Metropolitan Borough Council Civic Centre, P O Box 55, West Street, Oldham, Lancashire, OL1 1XN	Telephone: 0161 911 3000 Fax: 0161 678 4550 Website: www.oldham.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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