LK CONSULT LIMITED

PART OF THE LK GROUP

LAND ADJACENT TO 237 EDENFIELD ROAD ROCHDALE

PRELIMINARY RISK ASSESSMENT

(PHASE 1 DESK STUDY)



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Prepared By	Michelle Fallone	**Signature**	
Checked By	Dr Paul Quimby	**Signature**	

EXECUTIVE SUMMARY

Environmental Setting

Site Details	This report was undertaken in support of future planning application reference 07/D49666 for residential development. The site is located south of Edenfield Road in the area of Rochdale at National Grid Reference 387770E 414000N. LKC understand that the development comprises a residential property with private garden.
Historical Desk Study	The site has been previously occupied by two unreferenced buildings, one of which was possible a domestic garage structure.
Geology	The solid geology comprises the Lower Coal Measures. The drift deposits comprise Till..
Hydrology & Hydrogeology	The site overlies a Secondary A Aquifer. The nearest surface watercourse is a reservoir, which is located approximately 410m north of the site.
Coal Authority & Ground Stability	The property is not within the likely zone of influence of any past underground coal workings.
Landfill Search & Radon	There are no known landfill sites within 250m of the site. LKC have identified three areas of potential infilling within 250m of the site. However, given the age, size and distance from the site and given that they will have been lined in order to retain water (which may impede any gas migration), LKC consider that the gas risk to the site from these features is very low. The site is not in an area affected by Radon.
Sensitive Land use	An Area of Adopted Green Belt is located 671m northeast of the site. In addition, Healey Dell Local Nature Reserve (LNR) is located 936m northeast of the site.
Trade Directories	The Envirocheck Report has identified 3 businesses on the trade directory which are of concern.
Site Reconnaissance	A gravel driveway and parking area occupied by the eastern and southern parts of the site. The rest of the site was covered by grass and weeds and building debris encountered on the surface.

Preliminary Risk Assessment

Potential Contaminants	Potential contaminants therefore include heavy metals, PAHs, petroleum hydrocarbons, sulphate, and ACMs
Potential Pathways	The potential pathways identified are ingestion, dermal, inhalation in addition to migration through the made ground and solid deposits.
Potential Receptors	The potential receptors are the future residents, future site construction workers, nearby properties, landscaped areas, maintenance workers and Secondary A Aquifer.
Pollutant Linkages	The preliminary contamination conceptual model for land adjacent to 237 Edenfield Road has identified seven potential generic pollutant linkages, six of which are considered possible at this stage.

Recommendations

Site Investigation	LKC recommend that a Phase II intrusive survey is carried out across the site to investigate the identified potential pollutant linkages further. The scope of this Phase II survey should include trial pits across the site. Chemical analysis of soil samples taken from the site should be undertaken for the range of contaminants identified in the PRA. This investigation will quantify any contamination on the study site and assist in the discharge of any planning conditions which may be placed on the site.

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1 INTRODUCTION

1.1 Introduction

LK Consult Ltd (LKC) has been commissioned by H.Bell and Sons (Rochdale) Ltd (fax dated 26th July 2010) to carry out a Preliminary Risk Assessment (PRA) for land adjacent to 237 Edenfield Road, Rochdale. The PRA was undertaken in support of a planning application (reference number 07/D49666). The site is to be developed for residential end-use.

According to guidance set out in PPS23[1] and CLR11[2] a PRA with a site reconnaissance is required as a minimum to ascertain if there is a potential contamination risk. In accordance with current guidance the PRA report will include a site reconnaissance, site history, geology, hydrogeology, hydrology and a landfill search (within 250m of the site boundary). Information gathered from the desk study and site reconnaissance will be used to develop a contamination conceptual model for the site, which will support the identification and assessment of any pollutant linkages. Based on the findings of the PRA an appropriate site investigation can be derived, if required.

1.2 Background

The site is located south of Edenfield Road in the area of Rochdale at National Grid Reference 387770E 414000N (Figure 1-1). The site is bounded to the east and west by residential properties and to the south by a track. The site has most recently been used as a garden area, driveway and parking area for the adjacent property.

The site is approximately 0.05ha in size (see Figure 1-2). No proposed layout plan has been provided however, LKC understand that the site is proposed to be developed for a residential property with private garden.

1.3 Disclaimer

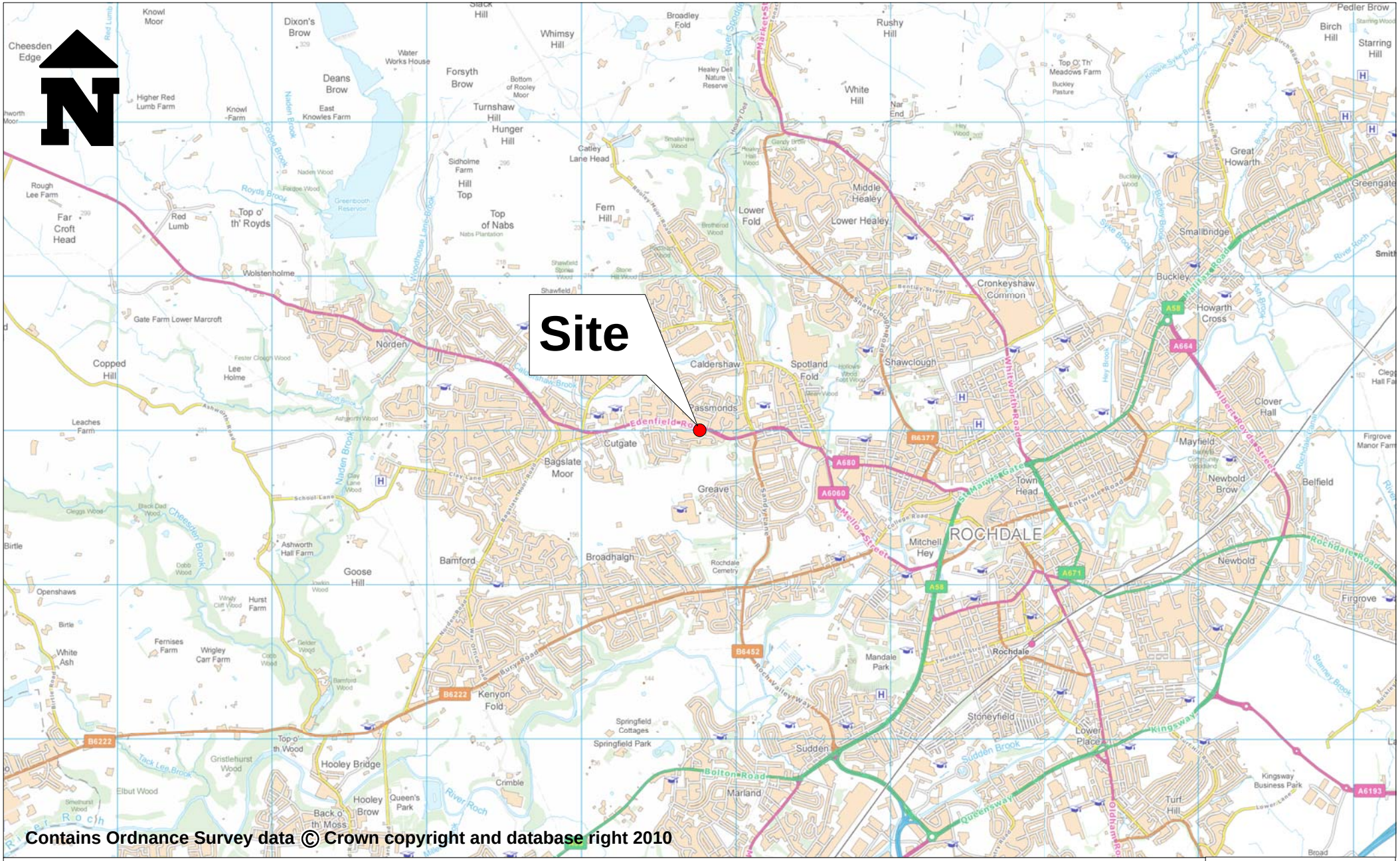
This report has been prepared by LKC who have exercised such professional skill, care and diligence as may reasonably be expected of a properly qualified and competent consultant experienced in preparing reports of a similar scope.

However, to the extent that the report is based on or relies upon information contained in records, reports or other materials provided to LKC which have not been independently produced or verified, LKC gives no warranty, representation or assurance as to the accuracy or completeness of such information.

This report is prepared solely for the benefit of H.Bell and Sons (Rochdale)Ltd. It may not be relied upon by, or submitted to a third party for their reliance for the purposes of valuation, mortgage, insurance and regulatory approval, until all invoices have been settled in full.

Those using this information in subsequent assessments or evaluations do so at their own risk.

[1] ODPM (2004). "Planning Policy Statement 23: Planning and Pollution Control." PPS23
[2] Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11



Contains Ordnance Survey data © Crown copyright and database right 2010

Figure 1-1: Location Plan, Land at Edenfield Road, Rochdale

Drawn: August 2010 Scale: NTS

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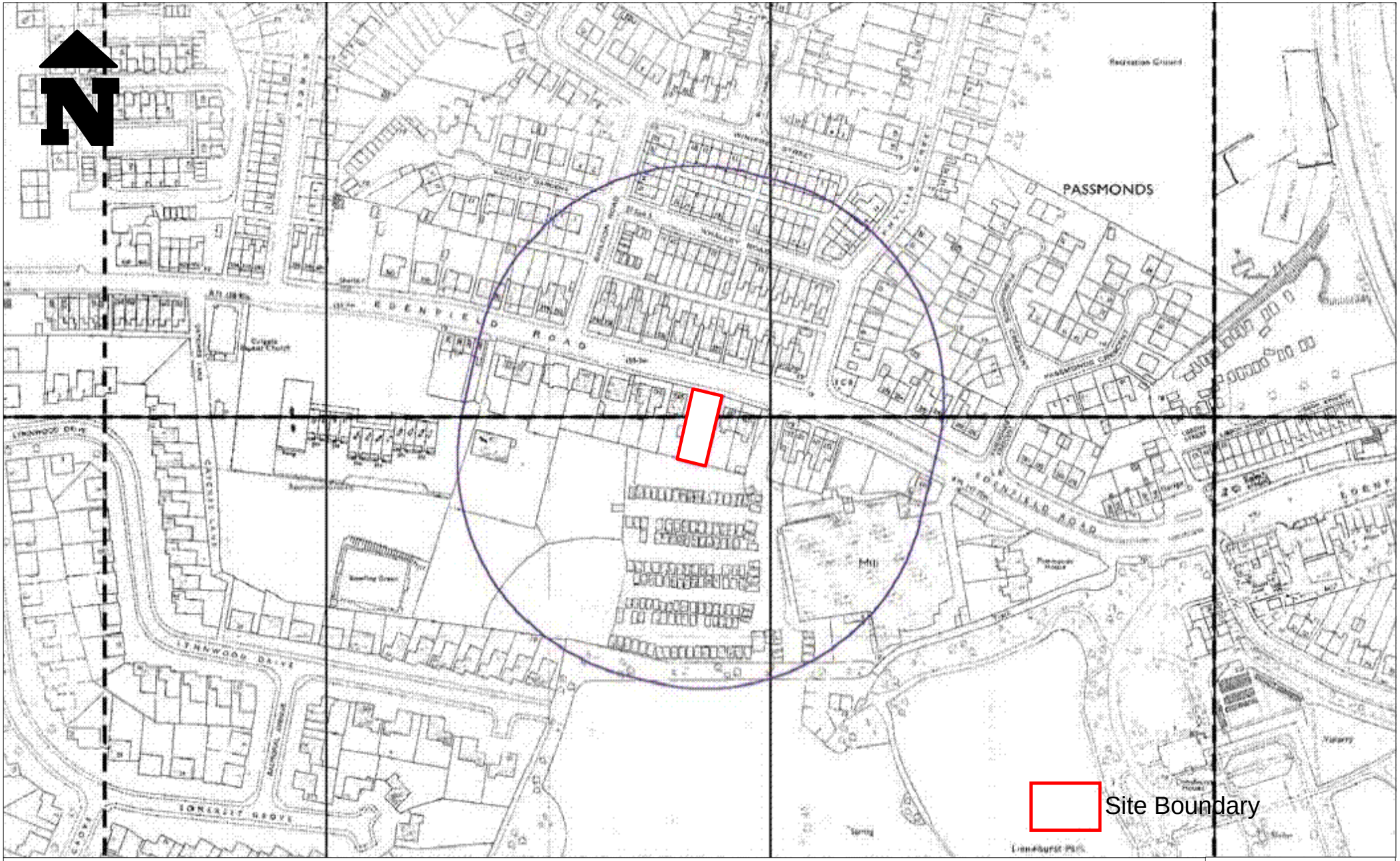

Figure 1-2: Site Boundary Plan, Edenfield Road, Rochdale

Drawn: August 2010

Scale NTS

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2 SITE HISTORY

2.1 Introduction

In compiling the site history, LKC consulted mapping and other environmental data provided by the Landmark Information Group Ltd. Copies of relevant historical plans are provided in Appendix A and are summarised in Table 2-1 below. Notable features within 250m of the site boundary have been presented (distances will be approximate).

2.2 Site History

Date/range scale	On Site	Notable Features Off Site
1851 **1:10,560**	Site is undeveloped	The site is bounded by Edenfield Road to the north. Two wells are located 120m north-northwest and 100m north-northeast of the site.
1893 **1:2,500**	No change.	Passmonds Cotton Mill is located 50m southeast of the site. A brickworks is located 160m north of the site with associated cutting located 130m north-northwest of the site at the nearest point.
1894 **1:10,560**	Unreferenced building appears to be located in the northern part of the site.	No change.
1910 **1:2,500** **1911** **1:10,560**	Building no longer appears to be present.	Residential properties are located adjacent to the western site boundary. Reservoirs associated with Passmonds Cotton Mill are located 80m southeast of the site. Pond situated on an embankment is located 130m north of the site.
1930 **1:2,500** **1931 / 1932** **1:10,560** **1938** **1:10,560**	Small unreferenced building is located in the eastern part of the site.	Considerable residential development has occurred in the immediate and wider surrounding areas. Bricks works to the north is no longer present however cuttings remain.
1956 **1:10,000** **1959 / 1960** **1:1,250** **1960 / 1961** **1:2,500**	No change.	Reservoirs southeast are no longer present. Allotment gardens are located 40m south of the site. Possible domestic garage cluster and refuse heap are located 20m southeast and 60m south of the site respectively. Pond is located 180m south of the site. Pond located north of the site is no longer present and this area is now occupied by residential properties.

Table 2-1: Site History at Land adjacent to, 237 Edenfield Road, Rochdale. Where a composite of maps is present ( ) denotes the unused map tile/s.

Date/range scale	On Site	Notable Features Off Site
1967 / 1968 1:10,000 **1971 / 1973 1:1,250** **1975 1:1,250** **1977 1:10,000**	No change.	Cutting for previously referenced brick works is no longer present and is now part of the gardens for residential properties. Pond south of the site is no longer present. Garage cluster south east of the site has extended west. Allotment gardens south of the site are no longer indicated.
1981 / 1988 1:10,000	No change.	Garage cluster southeast is no longer present.
1992 1:1,250 **(1993 / 1995) / 1996 1:1,250** **1999 1:10,000** **2006 1:10,000** **2010 1:10,000**	No change.	Passmonds Cotton Mill southeast is no longer present and area now occupied by residential properties.

Table 2-1 (Continued): Site History at Land adjacent to, 237 Edenfield Road, Rochdale. Where a composite of maps is present ( ) denotes the unused map tile/s.

3 ENVIRONMENTAL SETTING

3.1 Introduction

In compiling this Section, LKC consulted environmental information provided by the British Geological Survey (BGS), Envirocheck Report (Appendix B), Natural England, the Coal Authority (Appendix C) and the Environment Agency.

3.2 Geology

BGS Sheet 76 (Rochdale 1:50,000) indicates that the drift geology beneath the site comprises Till, which is anticipated to mainly comprise stiff clay interspersed with lenses of silt, sand and gravel.

BGS Sheet 76 (Rochdale 1:50,000) indicates that the solid geology beneath the site comprises the Upper Carboniferous Lower Coal Measures which are anticipated to comprise interbedded fine to coarse grained sandstones and fissured mudstones with occasional coal seams. Geological faults are indicated 300m and 350m southwest of the site with downthrows to the southwest and northeast respectively. Strata in the vicinity of the site is indicated to dip 3˚ to the southwest.

3.3 Hydrogeology

The Environment Agency website shows the site to be underlain by a Secondary A Aquifer (variably permeable) represented by Lower Coal Measures deposits.

Secondary A Aquifers are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as 'Minor Aquifers'.

As the site is within an urban area a worst-case vulnerability classification (HU) is assumed for the soil classification above the Secondary A Aquifer. This represents soils with a high leaching potential with little ability to attenuate diffuse source pollutants and in which non-adsorbed diffuse source pollutants and liquid discharges have the potential to move rapidly to underlying strata or to shallow groundwater.

The Envirocheck Report has identified no groundwater abstractions licences within 250m of the site. The nearest groundwater abstraction is held 417m northwest of the site and is operated by Quorum Estates Ltd for boiler feed, manufacturing and cooling. This license has been revoked.

3.4 Hydrology

The nearest surface water feature is a reservoir which is located approximately 410m north of the study site. In addition, the Caldershaw Brook is located 480m northwest of the site.

The Envirocheck Report indicates the study site is not at risk from flooding from the Caldershaw Brook.

The Envirocheck Report has identified no surface water abstractions licences within 250m of the site. The nearest surface water abstraction is located 389m north of the site and is held by Quorum Estates Ltd for boiler feed, manufacturing and cooling. This license has been revoked.

The Envirocheck Report has identified no consents to discharge effluent within 250m of the site. The nearest consent to discharge is held 463m north of the site by United Utilities Water plc for the discharge of storm sewage overflow.

The Envirocheck Report has identified no pollutant incidents to controlled waters within 250m of the site. The nearest incident occurred 388m north of the site in 1999 and involved the discharge of unrefined oils due to containment failure. This was classified as a Category 3, Minor Incident.

3.5 Coal Authority and Ground Stability Report

A Coal Authority Ground Stability Report has been undertaken on the site A summary of the results of the search show the following:

- The property **is not** within the likely zone of influence of any past underground coal workings.
- The property **is not** within the likely zone of influence of any present underground coal workings.
- The property **is not** in an area where the Coal Authority believes there is coal at or close to the surface which may have been worked at sometime in the past.
- There **are no** known coal mine entries within, or within 20m of the boundary of the property.
- The property **is not** situated within the Cheshire Brine Subsidence Compensation District.

3.6 Landfill Search

Envirocheck records show there are no known/registered landfill sites within 250m of the site boundary. The nearest landfill site is located 837m southeast of the site at Sandy Brow.

A review of historical Ordnance Survey mapping by LKC has identified an additional three sites where landfill may be present within 250m of the site. These include a former pond and reservoirs. The nearest of these features was the former reservoirs located 80m southeast of the site between the 1910 and 1956 mapping.

The former cutting associated with the brickworks 130m north-northwest of the site is not considered to have undergone infilling given that the topography of the area indicates that the former brickworks site is still at a lower elevation when compared to the land to the west.

3.7 Designated Sites and Sensitive Land Use

An Area of Adopted Green Belt is located 671m northeast of the site. In addition, Healey Dell Local Nature Reserve (LNR) is located 936m northeast of the site.

3.8 Radon

The site is not within an area of significant Radon, with less than 1% of homes above the Action Level[3]. No Radon protection measures are necessary in the construction of new buildings and extensions.

3.9 Contemporary Trade Directory

The Envirocheck Report has identified three businesses on the Contemporary Trade Directory within 250m of the study site which may be of concern. The nearest entry relates to dry cleaners located 121m west of the site.

[3] JCH Miles, D Appleton, DM Rees, BMR Green, KAM Adlam and AH Myers (2007). "Indicative Atlas of Radon in England and Wales." (HPA-RPD-033).

4 SITE RECONNAISSANCE

A site reconnaissance of the study site area was carried out by LKC on the 2nd August 2010 Photographs are provided in Appendix D.

The site was accessed off Edenfield Road via the northern site boundary. The site was observed to be bounded by residential properties in all directions. The site was noted to be fenced on all sides, with the site entrance left open. The site appeared to slope down slightly towards the south.

The site was observed to be vacant. The eastern and southern parts of the site were covered with gravel which appeared to be used as a driveway and parking area. The remainder of the site was covered by grass and weeds, beneath which was a sandy gravelly soil with much coarse gravel and building debris. Several pieces of timber, understood to be from a former sale sign were present towards the northern site boundary. Mature trees were noted along the southern and northern site boundaries.

5 PRELIMINARY CONCEPTUAL MODEL

5.1 Introduction

The aim of the conceptual model is to provide a preliminary assessment of the likelihood of a pollutant linkage for each potential combination of contaminant, pathway and receptor. A conceptual model can be used to make an informed decision on the contamination risks associated with the site and whether further site investigation work is required.

The Sections below are therefore divided into potential contaminant, potential pathway and potential receptor as described in CLR11[4]. The final Section provides an assessment of the potential pollutant linkages that may still be present on the site if redevelopment were to occur.

5.2 Potential Contaminants

The site remained undeveloped until 1894 mapping when an unreferenced building occupied by the northern part of the site and was removed by the 1910 mapping. An additional unreferenced building (possibly a domestic garage) was constructed in the eastern part of the site by the 1930 mapping. This structure was not present during the site reconnaissance and the eastern and southern parts of the site appeared to be used as a gravel driveway and parking area.

The immediate surrounding areas have been mainly developed for residential usage. Several potentially contaminative land-uses have been identified within 250m of the study site including a brick works, allotment gardens, garage cluster and refuse heaps. LKC do not consider these historical features to be a significant risk to the site.

Made ground on-site may comprise ash and clinker waste from hearths and boilers, which was historically often used as level raising material. Contaminants may include heavy metals (such as arsenic and lead) and Polycyclic Aromatic Hydrocarbons ((PAHs), such as benzo(a)pyrene (B(a)P))[5]. Depending upon the sulphate content of the combusted coal, soluble sulphate may also be generated. In addition, asbestos containing materials (ACMs) may be present associated with the former building structure onsite. Furthermore, there may be localised spillages of hydrocarbons associated with the sites current use as a driveway and parking area and its former use as a garage.

The Envirocheck Report has not identified any known/licensed landfill sites within 250m of the study site. A review of the historical OS mapping by LKC has identified the potentially infilled areas within 250m of the site. These include a former pond and reservoirs. The nearest of these features was the former reservoirs located 80m southeast of the site between 1910 and 1956 mapping.

LKC consider that the risk from the former ponds and reservoirs are very low given their size, age and distance from the site, these features being located a slightly lower elevation to that of the study site, the intervening Till and given that they will have been lined in order to retain water, which may also impede any gas migration.

[4] Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11
[5] Defra (2002). "Potential Contaminants for the Assessment of Land." R&D Publication CLR 8

The site is underlain by the Lower Coal Measures, which may generate ground gas (primarily carbon dioxide and methane). However, LKC consider that the gas risk to the site from the underlying coal measures is very low given that there are no known workings and gassing coal seams beneath the site.

Hazardous gas generation can also occur from made ground on the site, however this is strongly dependant upon its quantity and composition. If significant amounts of putrescible or degradable material is found on site hazardous gas generation may be possible. LKC note that no evidence of significant infilling was observed on the historical mapping and as such consider that the gas risk from any made ground on site is low.

5.3 Potential Pathways

Principal potential pathways associated with human health from soil contamination are ingestion, dermal and inhalation. The current UK technical report document[6] recognises ten such pathways comprising four ingestion, two dermal and four inhalation. These are listed as follows:

- Ingestion of soil
- Ingestion of soil-derived indoor dust
- Ingestion of contaminated vegetables
- Ingestion of soil attached to vegetables
- Dermal contact with soil
- Dermal contact with soil-derived indoor dust
- Inhalation of soil-derived outdoor dust
- Inhalation of soil-derived indoor dust
- Inhalation of vapours outside
- Inhalation of vapours inside

The proposed end-use follows a standard conceptual model of 'residential'. For this land use scenario all ten of the pathways will have to be considered.

Surface water and groundwater are principal mechanisms for the migration of contaminants, with rainwater infiltrating through contaminated material and contamination possibly going into solution. Contaminated water may then find preferential pathways to surface waters and underlying aquifer.

Culverts, ditches, drains, service drains may provide preferential pathways off site. None were noted from the desk study and site reconnaissance.

Solid and drift geology has the potential to impede or provide preferential pathways for contaminants onto or off site. The underlying Till deposits may impede the migration of contaminants to or from the study site.

The site is situated on sandstone / mudstone, depending on the pore space and bedding orientation, this may act as a pathway for contaminants onto or off-site.

There are no known geological faults within 250m of the study site and as such is not considered a viable pathway.

5.4 Potential Receptors

Potential receptors with respect to human health and hazards present on the site include residents of the proposed development and future site construction workers, maintenance workers and flora in landscaped areas. Depending on the nature and concentration of the

[6] EA (2008). "Updated Technical Background to the CLEA Model." Science Report – SC050021/SR3.

potential contaminants, the underlying Secondary A Aquifer may also be considered as potential receptors along with building materials and services.

The reservoir located 410m north and the Caldershaw Brook located 480m northwest of the site are not considered viable receptors given their distance from the site.

5.5 Preliminary Contamination Conceptual Model

The preliminary contamination conceptual model for land adjacent to 237 Edenfield Road is illustrated in Table 5-1 below and has identified seven generic potential pollutant linkages six of which are considered possible at this stage. Each linkage is discussed below along with an assessment of the likelihood of each linkage considering the available data and the nature of the development. This conceptual model is based upon contaminant-pathway-receptor pollutant linkages, on the premise that if there is no pollutant linkage then there will be no risk to the receptor[7].

Pollutant Linkage No.	Contaminant					Pathway	Receptor
	ACM	Gases		Contaminants			
		Hazardous	Ground	Organic	Inorganic		
1	?	x	x	?	?	-Dermal contact. -Ingestion of soils and vegetables. -Inhalation of contaminated soil, fibres and dust.	-Future site residents inc. veg uptake. -Future site construction workers. -Nearby properties (windblown dust).
2	x	x	x	?	x	-Inhalation of vapours. -Vapour migration through sand lenses within the underlying Till. -Vapour migration through non-cohesive made ground.	-Future site residents. -Future site construction workers. -Nearby properties.
3	x	x	x	x	x	-Inhalation of hazardous gas. -Migration through the Sands and Gravel. -Migration through sand lenses within the underlying Till -Migration through underlying coal measures.	-Future site residents.. -Future site construction workers. -Offsite receptors (if gas is generated on site).
4	x	x	x	?	?	-Groundwater migration via porous lenses within the underlying Till. -Groundwater migration through underlying coal measures. -Perched waters migration on site.	-Secondary A Aquifer.
5	x	x	x	x	?	-Contact with potential hazards	-Site buildings
6	?	x	x	?	?	-Ingestion of tainted water supply. -Direct contact and inhalation of dust and vapours.	-Future site residents. -Future pipe installers. -Maintenance workers.
7	x	x	x	x	?	-Root uptake of phytotoxic contaminants	-Flora in future landscaping.

Table 5-1 Contamination Conceptual Model for the Land adjacent to, 237 Edenfield Road, Rochdale.
(Key: ? – pollutant linkage possible; x – pollutant linkage unlikely)

5.5.1 Pollutant Linkage 1

Pollutant linkage 1 refers to the potential asbestos, heavy metals and organic contaminants, such as PAHs and petroleum hydrocarbons coming into direct contact with future site residents, offsite receptors (windblown dust) and future site construction workers. This is considered possible in areas of proposed landscaping and gardens for future site residents and the entire site for construction workers who may come into contact with the soils.

[7] Defra (2004). "Model Procedures for the Management of Land Contamination." R&D Publication CLR 11

5.5.2 Pollutant Linkage 2

Potential pollutant linkage 2 refers to possible inhalation of vapours affecting the future site residents and future site construction workers from potential hydrocarbons onsite. This linlage is considered possible given the sites current use as a driveway and car parking area and the potential for leaks and spillages from vehicles.

5.5.3 Pollutant Linkage3

Potential pollutant linkage 3 refers to possible ground gas on the site affecting the future site residents and possible migration of hazardous gas from infilled areas offsite. This is considered unlikely due to the age, size and distance from the site, the presence of liners in these features which may impede migration and the presence of intervening Till. Hazardous gas may be generated onsite if large volumes of putrescible and degradable made ground are encountered. The historical mapping does not indicate that any significant infilling has occurred on site. Ground gas from the underlying coal measures is also considered unlikely due to the absence of any known or gassing coal seams beneath the site.

5.5.4 Pollutant Linkage 4

Potential pollutant linkage 4 refers to the possible contaminants and the underlying Secondary A Aquifer. This linkage is considered possible given the identified presence of made ground and possible localised hydrocarbon spillages on the study site.

5.5.5 Pollutant Linkage 5

Potential pollutant linkage 5 refers to the possible deleterious effects that sulphate may have on building materials such as concrete, water pipes and building structures. In addition, methane may potentially build up within confined spaces and cause an explosion. This linkage is considered possible for sulphate given the identified presence of made ground on site.

This linkage is not considered possible for methane given the absence of a viable source.

5.5.6 Pollutant Linkage 6

Potential pollutant linkage 6 refers to the possible contaminants permeating potable water pipes and consumption by the future residents of the tainted water supply. In addition, there may be a possible risk to pipe installers and pipe maintenance workers. Given the identified presence of made ground on site and likely contaminants this linkage is also considered possible.

5.5.7 Pollutant Linkage 7

Potential pollutant linkage 7 refers to the possible phytotoxic contaminants affecting plant growth. Given the identified presence of made ground onsite and likely heavy metal contaminant, this linkage is also considered possible.

6 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

The site remained undeveloped until 1894 mapping when an unreferenced building occupied by the northern part of the site and was removed by the 1910 mapping. An additional unreferenced building (possibly a domestic garage) was constructed in the eastern part of the site by the 1930 mapping. This structure was not present during the site reconnaissance and the eastern and southern parts of the site appeared to be used as a gravel driveway and parking area.

Therefore, potential contaminants that may be present on the site may include heavy metals, PAHs, sulphate, petroleum hydrocarbons and ACMs.

The Envirocheck Report has not identified any known/licensed landfill sites within 250m of the study site. A review of the historical OS mapping by LKC has identified the potentially infilled areas within 250m of the site. These include a former pond and reservoirs however the risk from these features is considered to be very low given their size, age and distance from the site, the intervening Till and given that they will have been lined in order to retain water, which may also impede any gas migration. In addition there are no known worked or gassing coal seams beneath the site and the historical mapping does not indicate that any significant infilling has occurred on site. Carbon dioxide and methane are therefore both considered as potential contaminant for this site. Radon was not identified from the desk study and therefore no special precautions are required.

The preliminary contamination conceptual model for land adjacent to 237 Edenfield Road as illustrated in Table 5-1 has identified seven generic potential pollutant linkages, six of which are considered possible at this stage.

6.2 Recommendations

In accordance with PPS23, LKC consider that sufficient information on the potential contaminative status of the site is available in this Preliminary Risk Assessment report to allow the validation of any future planning application by the Local Planning Authority and for conditional planning approval to be granted. Such conditional approval will likely include standard prescriptive conditions requiring a site investigation, risk assessment and, if appropriate, a remedial strategy are completed to the satisfaction of the Local Planning Authority prior to the commencement of any development.

LKC would recommend that once conditional planning approval is granted, a limited Phase II intrusive survey should be carried out across the site to investigate the six identified potential pollutant linkages further. The scope of this Phase II survey should be prior agreed with the Local Authority and should include the following.

In order to address potential pollutant linkages 1, 2, 5, 6 and 7 solid samples should be collected from trial pits undertaken across the site subjected to appropriate chemical analyses based upon a broad range of contaminants, including those identified in Section 5.2. The investigation will follow guidance set out in BS10175[8] and BS5930[9]. Some sampling locations will target historical features such as the location of the possible garage

[8] British Standard (2001). "Investigation of Potentially Contaminated Sites – Code of Practice." BS10175:2001
[9] British Standard (1999). "Code of Practice for Site Investigations. " BS5930:1999

building in the eastern part of the site and any proposed garden areas. Full details of the proposed site investigation should be forwarded to the Local Authority for approval.

Pollutant linkage 4 may be investigated by testing for any leachable contamination in the soils on site. If no significant volumes of made ground is identified then these may not be required.

This investigation will delineate any existing areas of potential contamination and identify and characterise any contaminants encountered. Information from this investigation can then be used to provide a more detailed assessment of the identified pollutant linkages, and, if necessary, identify appropriate remedial measures to ensure that the site is made suitable for its proposed end use.

It should be noted that if geotechnical information is required for the site in order to aid foundation design, the site investigation could be undertaken using boreholes which will allow for obtaining both appropriate environmental and geotechnical data at the same time.

LKC would recommend that a copy of this report is forwarded to the Local Authority for the approval of the above recommendations before the commencement of any works on the site. LKC would advise that a more detailed site investigation proposal be provided to the Local Authority for their approval.

APPENDIX A

HISTORICAL MAPS

APPENDIX B

ENVIROCHECK REPORT

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
31975538_1_1

Customer Reference:
CL1697

National Grid Reference:
387770, 414000

Slice:
A

Site Area (Ha):
0.05

Search Buffer (m):
1000

Site Details:

Land adjacent to
237 Edenfield Road
ROCHDALE
Lancashire
OL11 5AG

Client Details:

L Consult
LK Consult Ltd
Bury Business Centre
Kay Street
Bury
Lancashire
BL9 6BU

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Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

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

Report Version v47.0

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Summary

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Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6		1		7
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Substantiated Pollution Incident Register	pg 14				3
Water Abstractions	pg 14			4	5 (*14)
Water Industry Act Referrals	pg 20				2
Groundwater Vulnerability	pg 20	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
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 22				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
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Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 23		1		2
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 23	Yes	n/a	n/a	n/a
Mining Instability	pg 23	Yes	n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 23	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	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
Shallow Mining Hazards	pg 24	Yes	Yes	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25		3	5	55
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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
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National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Rooley Moor Rd W51, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Spodden Reference: 01ROC0077 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Trib Healey Dell **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A18SE (N)	463	1	387920 414450
1	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Rooley Moor Rd W51, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01roc0077 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 Environment: Not Supplied Receiving Water: Not Supplied **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A18SE (N)	463	1	387920 414450
2	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Domestic Property (Multiple) Location: Housing Development Swo, Caldershaw, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950547 Permit Version: 1 Effective Date: 29th January 1985 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Caldershaw Brook **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	499	1	387500 414434
3	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Other Location: Caldershaw Rd Ps, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992462 Permit Version: 1 Effective Date: 27th April 1992 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Caldershaw Brk **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	534	1	387400 414400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewerage Network - Pumping Station - Water Company Location: Oulder Hill Ps, Spotland, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982939 Permit Version: 1 Effective Date: 17th November 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge Environment: Freshwater Stream/River Receiving Water: Red Brook **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A8SW (S)	742	1	387690 413240
5	**Discharge Consents** Operator: Turner Brothers Asbestos Co Ltd Property Type: Asbestos Goods Location: Turner Bros Asbestos Co., Spotland Road, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01M1319B Permit Version: 1 Effective Date: 29th June 1970 Issued Date: Not Supplied Revocation Date: 24th November 1994 Discharge Type: Trade Discharge - Process Water Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Consent revoked or revised: New Consent issued (Section 37(1))** Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	792	1	388400 414500
6	**Discharge Consents** Operator: Flexitallic Ltd Property Type: Industrial Parks & Estates Location: Industrial Premises Clod Mill, Rooley Moor Road, Rochdale, Lancashire, Ol12 7eu Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016992605 Permit Version: 2 Effective Date: 1st April 2002 Issued Date: 25th March 2002 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	795	1	388470 414400
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Mellor Street, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Spodden Reference: 01roc0029 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Roch **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	848	1	388600 413800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Mellor Street, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Spodden Reference: 01ROC0029 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Roch **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	848	1	388600 413800
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Spotland Bridge S2, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Spodden Reference: 01ROC0099 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	851	1	388610 413830
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Spotland Bridge S2, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01roc0099 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 Environment: Not Supplied Receiving Water: Not Supplied **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	851	1	388610 413830
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Spotland Bridge S2, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016981350 Permit Version: 1 Effective Date: 10th July 1990 Issued Date: 10th July 1990 Revocation Date: 30th March 2007 Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	852	1	388610 413825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewerage Network - Sewers - Water Company Location: Spotland Bridge S2, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016981350 Permit Version: 2 Effective Date: 31st March 2007 Issued Date: 20th December 2005 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	863	1	388620 413820
8	**Discharge Consents** Operator: T.B.A. Industrial Products Ltd Property Type: Asbestos Goods Location: Turner Bros Asbestos Co., Spotland Road, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992605 Permit Version: 1 Effective Date: 25th November 1994 Issued Date: Not Supplied Revocation Date: 31st March 2002 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: R.Spodden **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	873	1	388500 414500
9	**Discharge Consents** Operator: Rochdale Metropolitan Borough Council Property Type: Domestic Property (Multiple) Location: Rochdale Mbc Res Development Swo, Caldershaw, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016992066 Permit Version: 1 Effective Date: 11th November 1986 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Caldershaw Brook **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	889	1	386910 414250
10	**Discharge Consents** Operator: Mclean Homes Nw & Cheshire Ltd Property Type: Domestic Property (Multiple) Location: Mclean Res Development Swo, Caldershaw, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991420 Permit Version: 1 Effective Date: 22nd May 1989 Issued Date: Not Supplied Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Caldershaw Brook **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A12NW (W)	913	1	386900 414300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Shawclough Cso, Foot Wood, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982516 Permit Version: 1 Effective Date: 18th November 1992 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Spodden **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A19SE (E)	994	1	388700 414380
11	**Discharge Consents** Operator: United Utilities Water Plc Property Type: Sewage Disposal Works - Water Company Location: Shawclough Cso, Foot Wood, Rochdale, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01roc0169 Permit Version: 1 Effective Date: 30th June 1993 Issued Date: Not Supplied Revocation Date: 1st January 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Unknown Receiving Water: Unknown Outlet; Licence Status: Revoked **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 10m	A19SE (E)	994	1	388700 414380
12	**Enforcement and Prohibition Notices** Location: Rooley Moor Road, Rochdale, Lancashire, OL12 7EQ Permit Reference: ROOLEY1 Enforcement Date: 29th May 1998 Details: EA News Release 29/05/1998, Unauthorised release of the chemical toluene into the River Spoddon. The company has been instructed to put in measures to prevent it happening again. Positional Accuracy: Unknown	A19SW (NE)	619	1	388236 414425
13	**Integrated Pollution Controls** Name: Tba Industrial Products Ltd Location: P O Box 40, ROCHDALE, Lancashire, OL12 7EQ Authority: Environment Agency, North West Region Permit Reference: AI0764 Dated: 1st September 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Unknown	A19SW (NE)	649	1	388300 414395
13	**Integrated Pollution Controls** Name: Tba Industrial Products Ltd Location: P O Box 40, ROCHDALE, Lancashire, OL12 7EQ Authority: Environment Agency, North West Region Permit Reference: AM4118 Dated: 1st March 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation revokedRevoked** Positional Accuracy: Unknown	A19SW (NE)	652	1	388300 414400
14	**Integrated Pollution Controls** Name: Flexitallic Ltd Location: P O Box 21, ROCHDALE, Lancashire, OL12 7EU Authority: Environment Agency, North West Region Permit Reference: AM4100 Dated: 1st March 1994 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	846	1	388481 414480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Integrated Pollution Controls** Name: Flexitallic Ltd Location: P O Box 21, ROCHDALE, Lancashire, OL12 7EU Authority: Environment Agency, North West Region Permit Reference: AI0772 Dated: 20th August 1993 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	850	1	388486 414480
14	**Integrated Pollution Controls** Name: Flexitallic Ltd Location: Po Box 21, ROCHDALE, Lancashire, OL12 7EU Authority: Environment Agency, North West Region Permit Reference: BA0579 Dated: 30th June 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variationSuperseded** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	853	1	388486 414485
14	**Integrated Pollution Controls** Name: Flexitallic Ltd Location: P O Box 21, ROCHDALE, Lancashire, OL12 7EU Authority: Environment Agency, North West Region Permit Reference: BE1852 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.2 A (A) processes involving Asbestos within the Mineral Industry **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	856	1	388486 414490
15	**Integrated Pollution Prevention And Control** Name: Lamont Textile Ltd Location: Stott's Mill, Bridgeford Road, Rochdale, Ol11 5bz Authority: Environment Agency, North West Region Permit Reference: Bs0019 Original Permit Ref: Bs0019 Effective Date: Not Supplied **Status: Valid** Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Manually positioned to the address or location Activity Code: 6.4 A(1) (B) Activity Description: Coating, Printing And Textiles; Pre-Treating By Washing Etc. Greater Than 10T/Day Primary Activity: Not Supplied	A9NE (SE)	863	1	388558 413625
16	**Integrated Pollution Prevention And Control** Name: Alexander Drew Limited Location: Alexander Drew, Stott's Mill, Bridgeford Road, Rochdale, OL11 5BZ Authority: Environment Agency, North West Region Permit Reference: Bu8665it Original Permit Ref: Bu8665it Effective Date: 30th September 2003 **Status: Effective** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 6.4 A(1) (B) Activity Description: Coating, Printing And Textiles; Pre-Treating By Washing Etc. Greater Than 10T/Day Primary Activity: Y	A9NE (SE)	913	1	388593 413582
17	**Local Authority Pollution Prevention and Controls** Name: Impeccable Dry Cleaning Location: Unit 11 Cutgate Precinct, Edenfield Road, Rochdale, OL11 5SX Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 119/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	122	2	387638 413992

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	**Local Authority Pollution Prevention and Controls** Name: Flexitallic Location: Rooley Moor Road, Rochdale, OL12 Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P106/06 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/8 Textile and fabric coating of finishing processes **Status: Application exempt from APC** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	510	2	388042 414445
19	**Local Authority Pollution Prevention and Controls** Name: Federal Mogul Ltd Location: Rooley Moor Road, ROCHDALE, Lancashire, OL12 7EQ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 42 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/32 Adhesive coating **Status: Application exempt from APC** Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	665	2	388331 414378
20	**Local Authority Pollution Prevention and Controls** Name: Rochdale Cemetery & Crematorium Location: Bury Road, ROCHDALE, Lancashire, OL11 4DG Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: P5/08 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG5/2 Crematoria **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A8SE (S)	713	2	387978 413296
21	**Local Authority Pollution Prevention and Controls** Name: Woodyard Service Station Location: Edenfield Road, Norden, ROCHDALE, Lancashire, OL11 5XR Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 78/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A12SW (W)	767	2	386992 413980
22	**Local Authority Pollution Prevention and Controls** Name: T B A Composites Location: PO Box 115, ROCHDALE, Lancashire, OL12 7EX Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	795	2	388471 414399
23	**Local Authority Pollution Prevention and Controls** Name: Dexine Rubber Company Location: Spotland Bridge Works, Spotland Road, ROCHDALE, Greater Manchester, OL12 6PW Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 17 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG5/4 General waste incineration processes under 1 tonne an hour **Status: Authorised** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	834	2	388590 413819
24	**Local Authority Pollution Prevention and Controls** Name: Alexander Drew Location: Stotts Mill, Bridgefold Road, ROCHDALE, Lancashire, OL11 5BZ Authority: Rochdale Metropolitan Borough Council, Environmental Health Department Permit Reference: 73 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/8 Textile and fabric coating of finishing processes **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	838	2	388527 413617
	Nearest Surface Water Feature	A18SW (N)	414	-	387757 414426

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Pollution Incidents to Controlled Waters** Property Type: Wholesale & Retail Trade: Non-food Wholesale Location: Caldershaw Business Park, Inges Road, Spotpool, ROCHDALE, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Organic Chemicals : Unrefined Oils Note: Not Supplied Incident Date: 11th June 1999 Incident Reference: 28272 Catchment Area: Spodden Receiving Water: River Stretch (Freshwater) Cause of Incident: Containment Failure : Other Containment Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18SW (N)	388	1	387705 414395
26	**Pollution Incidents to Controlled Waters** Property Type: Domestic & Residential Location: Meadow View, CALDERSHAW Authority: Environment Agency, North West Region Pollutant: General Biodegradable : Sewage & Sewerage Material Note: Not Supplied Incident Date: 1st April 1999 Incident Reference: 1312 Catchment Area: Shawclough Brook Receiving Water: River Stretch (Freshwater) Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	466	1	387400 414300
27	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Colour Note: River Spodden; Trade Effluent/ Dye Incident Date: 5th May 1995 Incident Reference: 95621047 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	484	1	387800 414495
27	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: Caldershaw Bk; Crude Oil Incident Date: 11th July 1994 Incident Reference: 94621523 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Overfilling During Delivery Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	484	1	387805 414495
27	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: River Spodden Incident Date: 12th July 1994 Incident Reference: 94621538 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	489	1	387800 414500
28	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Caldershaw Bk Incident Date: 15th July 1994 Incident Reference: 94621569 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Inadequate Construction Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	506	1	387900 414500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Pollution Incidents to Controlled Waters** Property Type: WSC Sewage, Sewerage & Supply Location: Caldershaw Green, Shaw Brook Authority: Environment Agency, North West Region Pollutant: Contaminated Material : Contaminated Water Note: Not Supplied Incident Date: 1st April 1999 Incident Reference: 1268 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	530	1	387400 414395
30	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Caldershaw Brook Incident Date: 1st May 1995 Incident Reference: 95620979 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	575	1	388200 414400
31	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: River Spodden Incident Date: 22nd May 1995 Incident Reference: 95621194 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	583	1	388100 414495
31	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: River Spodden Incident Date: 3rd May 1995 Incident Reference: 95621080 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	587	1	388100 414500
32	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Caldershaw Bk Incident Date: 19th July 1994 Incident Reference: 94621594 Catchment Area: Spodden 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)	644	1	388200 414495
32	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Spodden; Dye Effluent Incident Date: 1st June 1994 Incident Reference: 94621169 Catchment Area: Spodden 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)	647	1	388205 414495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**Pollution Incidents to Controlled Waters** Property Type: Road Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Oil On Spodden Due To Heavy Rain Fall Incident Date: 29th July 1998 Incident Reference: SO981354 Catchment Area: Spodden Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	649	1	388300 414395
33	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: Caldershaw Brook; Diesel Incident Date: 25th November 1993 Incident Reference: 93622185 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	652	1	388300 414400
34	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Spodden; No Pollution Found Incident Date: 4th October 1995 Incident Reference: 95622466 Catchment Area: Spodden 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)	717	1	388300 414500
35	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Solvents Reported Incident Date: 30th October 1996 Incident Reference: 96622262 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	722	1	388500 414000
36	**Pollution Incidents to Controlled Waters** Property Type: Spillage; Accident - Static Site Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Other Chemicals Note: Spodden; Chemicals Incident Date: 20th June 1996 Incident Reference: 96621388 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	726	1	388200 414600
37	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Found Incident Date: 26th February 1996 Incident Reference: 96620308 Catchment Area: Roch 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)	732	1	388400 414395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: River Spodden; Lubricating Oil Incident Date: 27th October 1995 Incident Reference: 95622646 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	735	1	388400 414400
37	**Pollution Incidents to Controlled Waters** Property Type: Industrial Premises Location: River Spodden, On Site Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: Red Dye Incident Date: 26th May 1998 Incident Reference: SO980914 Catchment Area: Spodden Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	739	1	388405 414400
38	**Pollution Incidents to Controlled Waters** Property Type: Industrial Premises Location: River Spodden Authority: Environment Agency, North West Region Pollutant: Chemicals - Solvents Note: Killing Fish - Oil And Zolvene Incident Date: 25th May 1998 Incident Reference: SO981225 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NE (NE)	779	1	388500 414300
39	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Other Location: Cut Lane, ROCHDALE Authority: Environment Agency, North West Region Pollutant: Sewage - Wrong Connection Note: Sewage Debris; Caldershaw Brook; Sewage Debris - Wrong Connect Incident Date: 29th September 1997 Incident Reference: 97621721 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	789	1	387000 414200
40	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Not Given Note: None Pollution Found Incident Date: 25th October 1993 Incident Reference: 93622027 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	819	1	388500 414395
40	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: River Spodden Incident Date: 1st July 1994 Incident Reference: 94621437 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	821	1	388500 414400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: ROCHDALE Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Spodden; Oil Incident Date: 28th January 1997 Incident Reference: 97620167 Catchment Area: Spodden Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	823	1	388505 414395
41	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; None Pollution Found Incident Date: 8th May 1996 Incident Reference: 96620976 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	850	1	388600 413795
42	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Rubble/Litter Or Solids Note: Shawclough Brook Incident Date: 19th July 1995 Incident Reference: 95621817 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	870	1	388500 414495
43	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: No Pollution Found Incident Date: 3rd June 1996 Incident Reference: 96621177 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	872	1	388500 413500
43	**Pollution Incidents to Controlled Waters** Property Type: Spillage; Accident In Transit Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: River Roch; Detergent Incident Date: 3rd September 1996 Incident Reference: 96621962 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Road Traffic Accident Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	875	1	388500 413495
44	**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: 5th May 1995 Incident Reference: 95621059 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	910	1	388600 414400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	**Pollution Incidents to Controlled Waters** Property Type: Spillage; Accident - Static Site Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: River Spodden; Detergent Incident Date: 1st November 1996 Incident Reference: 96622307 Catchment Area: Spodden Receiving Water: Not Given Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	958	1	388600 413500
45	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Chemicals - Paints / Dyes Note: River Spodden; Dye & Cotton Fibres Incident Date: 19th January 1996 Incident Reference: 96620123 Catchment Area: Roch Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	960	1	388600 413495
46	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: Shawclough Brook Authority: Environment Agency, North West Region Pollutant: Sewage - Wrong Connection Note: Drain Contents Grey & Smells Unpleasant Incident Date: 24th November 1998 Incident Reference: SO982052 Catchment Area: Roch Receiving Water: Freshwater Stream/River Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	967	1	388700 414300
47	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: Opposite 91 Rooleymoor Road Authority: Environment Agency, North West Region Pollutant: Sewage - Storm Overflow Note: Sewage Entering Spodden Incident Date: 6th November 1998 Incident Reference: SO981961 Catchment Area: Spodden Receiving Water: Freshwater Stream/River Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	1000	1	388700 414395
48	**Prosecutions Relating to Controlled Waters** Location: Stotts Mill, Mellor Street, ROCHDALE, Lancashire, OL11 Prosecution Text: EA News Release 21/01/1997, Causing poisonous; noxious or polluting matter (trade effluent) to enter into controlled waters. Prosecution Act: WRA91 s85 Hearing Date: 21st July 1997 Verdict: Guilty Fine: 5000 Cost: 488 Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	844	1	388525 413600
48	**Prosecutions Relating to Controlled Waters** Location: Stotts Mill, Bridgefold Road, ROCHDALE, Lancashire, OL11 5BZ Prosecution Text: EA News Release 26/01/1999 (Case 1 of 2), Fined for breaching a licence to abstract water from Stotts Mill on the River Spodden. Prosecution Act: WRA91 s24(1a) & s4(5a) & s206(1)(5) Hearing Date: 26th January 1999 Verdict: Guilty Fine: 5000 Cost: 1000 Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	847	1	388537 413617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Prosecutions Relating to Controlled Waters** Location: Stotts Mill, Bridgeford Road, ROCHDALE, Lancashire, OL11 5BZ Prosecution Text: EA News Release 26/01/1999 (Case 2 of 2), Fined for breaching a licence to abstract water from Stotts Mill on the River Spodden. Prosecution Act: WRA91 s24(1a) & s4(5a) & s206(1)(5) Hearing Date: 26th January 1999 Verdict: Guilty Fine: 5000 Cost: 1000 Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	850	1	388537 413612
	River Quality Name: Spodden GQA Grade: River Quality B Reach: Qsl At Facit Station To Roch Estimated Distance (km): 7.5 Flow Rate: Flow less than 0.62 cumecs Flow Type: River Year: 2000	A19SW (NE)	584	1	388166 414445
49	**Substantiated Pollution Incident Register** Authority: Environment Agency - North West Region, South Area Incident Date: 23rd May 2001 Incident Reference: 6501 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 100m Pollutant: Pollutant Not Identified: Not Identified	A9NE (SE)	872	1	388500 413500
50	**Substantiated Pollution Incident Register** Authority: Environment Agency - North West Region, South Area Incident Date: 30th June 2006 Incident Reference: 412135 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Process Effluent	A19NW (NE)	884	1	388254 414754
51	**Substantiated Pollution Incident Register** Authority: Environment Agency - North West Region, South Area Incident Date: 15th November 2001 Incident Reference: 42930 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Process Effluent	A9NE (SE)	997	1	388659 413526
52	**Water Abstractions** Operator: Quorum Estates Limited Licence Number: 2569002171 Permit Version: Not Supplied Location: Caldershaw Lodge, Caldershaw Mills Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Reservoir/Pond Daily Rate (m3): 7956 Yearly Rate (m3): 1363800 Details: Additional Purposes: Cooling; 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	A18SW (N)	389	1	387700 414395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	**Water Abstractions** Operator: Caldershaw Dyeing Co Ltd Licence Number: 2569002245 Permit Version: 100 Location: Caldershaw Lodge , Caldershaw Centrerochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2300 Yearly Rate (m3): 841010 Details: Premises At Caldershaw Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	394	1	387700 414400
53	**Water Abstractions** Operator: Quorum Estates Limited Licence Number: 2569002157 Permit Version: Not Supplied Location: Healey Hall Pit, Top Pit Shaft; Bankhouse Pit , & Caldershaw Borehole Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	A18SW (NW)	417	1	387600 414395
53	**Water Abstractions** Operator: Caldershaw Dyeing Co Ltd Licence Number: 2569002242 Permit Version: 100 Location: Borehole At Caldershaw Centre Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 2300 Yearly Rate (m3): 841010 Details: Premises At Caldershaw Centre Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	422	1	387600 414400
54	**Water Abstractions** Operator: Flexitallic Ltd Licence Number: 2569002018 Permit Version: 101 Location: Lodge Fed By R Spodden At Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 4546 Yearly Rate (m3): 1500200 Details: Premises At Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	647	1	388200 414500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Water Abstractions** Operator: Flexitallic Ltd Licence Number: 2569002018 Permit Version: 101 Location: Lodge Fed By R Spodden At Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	647	1	388200 414500
54	**Water Abstractions** Operator: Flexitallic Ltd Licence Number: 2569002018 Permit Version: 101 Location: Lodge Fed By R Spodden At Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	647	1	388200 414500
55	**Water Abstractions** Operator: Quorum Estates Limited Licence Number: 2569002202 Permit Version: Not Supplied Location: Borehole, Cutgate, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1091 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	A12NW (W)	788	1	387000 414195
55	**Water Abstractions** Operator: Caldershaw Dyeing Co Ltd Licence Number: 2569002260 Permit Version: 100 Location: Borehole At Cut Lane, Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 552 Yearly Rate (m3): 33120 Details: Land At Rooley Moor Road, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NW (W)	801	1	386990 414210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Rochdale Golf Club Ltd Licence Number: 2569002140 Permit Version: 100 Location: Borehole At Rochdale Golf Course At Norden, Rochdale Authority: Environment Agency, North West Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 120 Yearly Rate (m3): 7272 Details: Rochdale Golf Club, Norden Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 18th November 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (W)	1032	1	386800 413600
	Water Abstractions Operator: Alexander Drew Ltd. Licence Number: 2569002050 Permit Version: 102 Location: Borehole At Premises, Spotland, Rochdale 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: At Bridgefold Road, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	1045	1	388700 413500
	Water Abstractions Operator: Alexander Drew Ltd Licence Number: 2569002050 Permit Version: 102 Location: Borehole At Premises Spotland Rochdale 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: At Bridgefold Road, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	1045	1	388700 413500
	Water Abstractions Operator: Alexander Drew & Sons Ltd Licence Number: 2569002050 Permit Version: 101 Location: Borehole At Premises, Spotland, Rochdale 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): 682 Yearly Rate (m3): 136380 Details: At Bridgefold Road, Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	1045	1	388700 413500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Quorum Estates Limited Licence Number: 2569002157 Permit Version: Not Supplied Location: Healey Hall Pit, Top Pit Shaft; Bankhouse Pit , & Caldershaw Borehole Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	A16NE (NW)	1547	1	386500 414900
	Water Abstractions Operator: Quorum Estates Limited Licence Number: 2569002157 Permit Version: Not Supplied Location: Healey Hall Pit, Top Pit Shaft; Bankhouse Pit , & Caldershaw Borehole Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 6164 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	(N)	1688	1	387900 415695
	Water Abstractions Operator: Caldershaw Dyeing Company Limited Licence Number: 2569002241 Permit Version: Not Supplied Location: Well At Healey Dell, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 2300 Yearly Rate (m3): 841010 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	(N)	1693	1	387900 415700
	Water Abstractions Operator: P & S Textiles Ltd. Licence Number: 2569002014 Permit Version: Not Supplied Location: Borehole, Meadowcroft Mill Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 86 Yearly Rate (m3): 20912 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	A2SW (SW)	1754	1	387000 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hubert Allen Licence Number: 2569002015 Permit Version: Not Supplied Location: Reservoir At Meadowcroft Mill, Bamford, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: River Daily Rate (m3): 36 Yearly Rate (m3): 12729 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	A2SW (SW)	1765	1	386800 412500
	Water Abstractions Operator: Caldershaw Dyeing Company Limited Licence Number: 2569002243 Permit Version: Not Supplied Location: Smallshaw Brook, HEALEY DELL Authority: Environment Agency, North West Region Abstraction: Manufacturing: Transfer Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 227 Yearly Rate (m3): 84101 Details: Additional Purpose: Transfer of water; 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	(N)	1783	1	387800 415795
	Water Abstractions Operator: Quorum Estates Limited Licence Number: 2569002172 Permit Version: Not Supplied Location: Smallshaw Lodge & Smallshaw Brook, ROCHDALE Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	(N)	1783	1	387805 415795
	Water Abstractions Operator: John Bright And Brothers Ltd. Licence Number: 2569002011 Permit Version: Not Supplied Location: Catchpit Fed By Shawclough Brook, ROCHDALE, Lancashire Authority: Environment Agency, North West Region Abstraction: Boiler Feed Abstraction Type: Not Supplied Source: River Daily Rate (m3): 87 Yearly Rate (m3): 5682 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	A20NE (NE)	1818	1	389301 415001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Caldershaw Dyeing Co Ltd Licence Number: 2569002244 Permit Version: 100 Location: Smallshaw Lodge At Catley Lane Head Rochdale Authority: Environment Agency, North West Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 2300 Yearly Rate (m3): 841010 Details: Caldershaw Centre , Rochdale Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th June 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1945	1	387300 415900
	Water Abstractions Operator: Quorum Estates Limited Licence Number: 2569002172 Permit Version: Not Supplied Location: Smallshaw Lodge & Smallshaw Brook, ROCHDALE Authority: Environment Agency, North West Region Abstraction: Boiler Feed & Manufacturing & Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1746 Yearly Rate (m3): 0 Details: Additional Purposes: Cooling; 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	(N)	1945	1	387300 415900
56	**Water Industry Act Referrals** Name: Alexander Drew And Sons Ltd Location: Stotts Mill, Bridgefold Road, ROCHDALE, OL11 5BZ Authority: Environment Agency, North West Region Permit Reference: AW4810 Dated: 19th August 1996 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 authorisedNot Yet Authorised** Positional Accuracy: Unknown	A9NE (SE)	832	1	388525 413629
57	**Water Industry Act Referrals** Name: Ad (Realisations) Ltd (Dissolved) Location: Stotts Mill, Bridgeford Road, ROCHDALE, OL11 5BZ Authority: Environment Agency, North West Region Permit Reference: BC3579 Dated: 2nd November 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 authorisedNot Yet Authorised** Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	918	1	388599 413582
	Groundwater Vulnerability Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NW (E)	0	1	387769 413995
	Drift Deposits Drift Deposit: Low permeability drift deposits occuring at the surface and overlying Major and Minor Aquifers are head, clay-with-flints, brickearth, peat, river terrace deposits and marine and estuarine alluvium Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NW (E)	0	1	387769 413995
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Sandy Brow, Rochdale, Greater Manchester Name: Sandy Brow, Rochdale Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15721 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: -9999 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: D075	A9SW (SE)	837	1	388228 413278
	Local Authority Landfill Coverage Name: Rochdale Metropolitan Borough Council - Has no landfill data to supply		0	2	387769 413995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**BGS Recorded Mineral Sites** Site Name: Spotland Top Brick Works Location: Spotland Fold, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96557 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	A13NE (N)	208	3	387799 414217
60	**BGS Recorded Mineral Sites** Site Name: Sandy Brow Sand Pit Location: Mitchell Hey, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96505 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	A9NW (SE)	691	3	388196 413434
61	**BGS Recorded Mineral Sites** Site Name: Sandy Brow Sand Pit Location: Mitchell Hey, Rochdale, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96506 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	A9NW (SE)	780	3	388357 413464
	BGS 1:625,000 Solid Geology Description: Lower Westphalian (mainly Productive Coal Measures)	A13NW (E)	0	3	387769 413995
	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.	A13NW (E)	0	4	387769 413995
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (E)	0	-	387769 413995
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	122	3	387900 414000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	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	A13NW (E)	0	3	387769 413995
	Shallow Mining Hazards Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (E)	0	3	387769 413995
	Shallow Mining Hazards Risk: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	25	3	387782 414034

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**Contemporary Trade Directory Entries** Name: Impeccable Dry Cleaning Location: 297, Cutgate Shopping Precinct, Edenfield Road, Rochdale, Lancashire, OL11 5AQ Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	121	-	387639 413993
63	**Contemporary Trade Directory Entries** Name: R W Whitham Location: 394, Edenfield Road, Rochdale, Lancashire, OL12 7PD Classification: Asphalt & Coated Macadam Laying Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (W)	216	-	387559 414072
64	**Contemporary Trade Directory Entries** Name: Passmonds Communications Location: 7, Little Flatt, Rochdale, Lancashire, OL12 7AU Classification: Telecommunications Equipment & Systems **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	233	-	387944 414172
65	**Contemporary Trade Directory Entries** Name: Peter Gannon Location: 54, Cutgate Road, Rochdale, Lancashire, OL12 7NL Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (N)	276	-	387739 414287
66	**Contemporary Trade Directory Entries** Name: Gas Central Heating Services Ltd Location: 5, Rushy Hill View, Rochdale, Lancashire, OL12 7AY Classification: Boilers - Servicing, Replacements & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	305	-	387990 414228
67	**Contemporary Trade Directory Entries** Name: Passmonds Garage Location: Edenfield Road, Rochdale, Lancashire, OL11 5AF Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (E)	314	-	388090 413975
68	**Contemporary Trade Directory Entries** Name: Clean Around Location: 1, Spotland Tops, Rochdale, Lancashire, OL12 7NX Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	358	-	387610 414334
69	**Contemporary Trade Directory Entries** Name: Carpet Clean Uk Location: 12, Ullswater Avenue, Rochdale, Lancashire, OL12 7DU Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	492	-	388130 414353
70	**Contemporary Trade Directory Entries** Name: Mulholland Joinery Manufacturers Ltd Location: Unit 20-21,The Caldershaw Bus Centre,Off Ings Av, Rochdale, Lancashire, OL12 7LH Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	515	-	387837 414522
71	**Contemporary Trade Directory Entries** Name: Avanti Wind Systems Location: Unit 29, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Windmills & Wind Power Equipment **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	545	-	387746 414557
71	**Contemporary Trade Directory Entries** Name: Rsm (North West) Ltd Location: Unit 2a-2b, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	552	-	387747 414564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**Contemporary Trade Directory Entries** Name: Ormerods Ltd Location: Unit 6, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Printers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	552	-	387747 414564
71	**Contemporary Trade Directory Entries** Name: Rsm (Northwest) Ltd Location: Unit 2a-2b, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	552	-	387747 414564
71	**Contemporary Trade Directory Entries** Name: Firgrove Engineering & Fabrication Co Location: Unit 2a-2b, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Engineers - General **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	552	-	387747 414564
71	**Contemporary Trade Directory Entries** Name: Pennine Fencing Location: Unit 8, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Fencing Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	552	-	387747 414564
71	**Contemporary Trade Directory Entries** Name: Rochdale Crate Hire Location: Unit 2a-2b, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Pallets, Crates & Packing Cases **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	552	-	387747 414564
72	**Contemporary Trade Directory Entries** Name: Pmp Location: 24, Woodstock Street, Rochdale, Lancashire, OL12 7DG Classification: Engineering Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	562	-	388316 414172
73	**Contemporary Trade Directory Entries** Name: Shades Window Films Location: 4, Traylen Way, Rochdale, Lancashire, OL12 7PN Classification: Window Tinting **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	563	-	387343 414382
74	**Contemporary Trade Directory Entries** Name: Mobile Leather Repairs North West Location: 112, Ings Lane, Rochdale, Lancashire, OL12 7LG Classification: Leather Garments & Products **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	568	-	388052 414506
75	**Contemporary Trade Directory Entries** Name: Premcare Location: 30, Oakfield Terrace, Rochdale, Lancashire, OL11 5BG Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	570	-	388316 413813
76	**Contemporary Trade Directory Entries** Name: Red Rose Preservations Ltd Location: Unit 22/23, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Damp & Dry Rot Control **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	604	-	387867 414608
76	**Contemporary Trade Directory Entries** Name: Pennine Supplies (Uk) Location: Unit 22-23, Caldershaw Centre, Ings Lane, ROCHDALE, Lancashire, OL12 7LQ Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	605	-	387867 414609

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**Contemporary Trade Directory Entries** Name: Unique L P G Ltd Location: Unit 13, Caldershaw Centre, Ings Lane, Rochdale, Lancashire, OL12 7LQ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	634	-	387919 414627
77	**Contemporary Trade Directory Entries** Name: A & P Engineering Location: Caldershaw Centre,Ings La, Rochdale, Lancashire, OL12 7LQ Classification: Engineers - General **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	640	-	387874 414643
77	**Contemporary Trade Directory Entries** Name: A D Stairs Ltd Location: Unit 15,Caldershaw Centre,Ings La, Rochdale, Lancashire, OL12 7LQ Classification: Staircase, Balustrade & Handrail Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	648	-	387910 414644
78	**Contemporary Trade Directory Entries** Name: D L Addy Location: 183, Rooley Moor Road, Rochdale, Lancashire, OL12 7DQ Classification: Farriers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	656	-	388334 414356
78	**Contemporary Trade Directory Entries** Name: Recovery Body Systems Location: Calvershaw Business Centre,Rooley Moor Rd, Rochdale, Lancashire, OL12 7EG Classification: Commercial Vehicle Bodybuilders & Repairers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	682	-	388368 414350
79	**Contemporary Trade Directory Entries** Name: Marlborough Installations Location: 125, Rooley Moor Road, Rochdale, Lancashire, OL12 7DQ Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	661	-	388402 414227
80	**Contemporary Trade Directory Entries** Name: D & B Auto Services Location: 111, Sandy Lane, Rochdale, Lancashire, OL11 5DG Classification: Car Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	694	-	388162 413404
81	**Contemporary Trade Directory Entries** Name: Hamilton Duncan Cars Location: Unit 26,Ings Av, Rochdale, Lancashire, OL12 7LJ Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	697	-	387921 414692
82	**Contemporary Trade Directory Entries** Name: Crystal Recycling Ltd Location: Rooley Moor Rd, Rochdale, Lancashire, OL12 7AX Classification: Recycling Centres **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	706	-	388482 414059
83	**Contemporary Trade Directory Entries** Name: Srv Fleet Location: 15, Brackenlea Fold, Rochdale, Lancashire, OL12 7GG Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	724	-	387616 414720
84	**Contemporary Trade Directory Entries** Name: Tip Top Manufacturing Co Location: Unit 22, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Clothing & Fabrics - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	**Contemporary Trade Directory Entries** Name: Tower Clothing Ltd Location: Unit 108, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Clothing & Fabrics - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Ultra Gleam Location: Unit 20b, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Zeldagate Ltd Location: Unit 113, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Clothing & Fabrics - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Joinery Direct Location: Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Joinery Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Sunshine Snacks Location: Unit 21, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Confectionery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Zeldagate 05 Location: Unit 17, Spotland Bridge Mill, Mellor Street, ROCHDALE, Lancashire, OL11 5BU Classification: Clothing & Fabrics - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: The Ornamental Gardens Location: Unit 112, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Garden Ornament Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: Davenport Technologies Ltd Location: Unit 112, Spotland Bridge Mill, Mellor Street, Rochdale, Lancashire, OL11 5BU Classification: Flow Measurement Systems - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	762	-	388516 413817
84	**Contemporary Trade Directory Entries** Name: D M W Fabrications & Weldings Location: Unit 32,Spotland Bridge Mill,Mellor St, Rochdale, Lancashire, OL11 5BU Classification: Gate Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14SE (E)	781	-	388539 413834
84	**Contemporary Trade Directory Entries** Name: Eurospray Group Ltd Location: Unit 32,Spotland Bridge Mill,Mellor St, Rochdale, Lancashire, OL11 5BU Classification: Paint Spraying Equipment & Accessories **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	791	-	388546 413821
85	**Contemporary Trade Directory Entries** Name: Woodyard Service Station Location: Edenfield Road, Rochdale, Lancashire, OL11 5XR Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (W)	769	-	386990 413979

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	**Contemporary Trade Directory Entries** Name: Frank Rigg Ltd Location: 489, Edenfield Road, Rochdale, Lancashire, OL11 5XR Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	812	-	386948 413994
85	**Contemporary Trade Directory Entries** Name: Advanced Lighting Technology Location: 489, Edenfield Road, Rochdale, Lancashire, OL11 5XR Classification: Lighting Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	812	-	386948 413994
86	**Contemporary Trade Directory Entries** Name: B P S Springs Location: 8-10, Rooley Moor Road, Rochdale, Lancashire, OL12 7AX Classification: Spring Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	785	-	388560 413934
87	**Contemporary Trade Directory Entries** Name: T Mason Location: 77, Mellor Street, Rochdale, Lancashire, OL11 5BT Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	824	-	388573 413790
87	**Contemporary Trade Directory Entries** Name: The Liquid Logo Location: 147 Mellor St, Rochdale, Lancashire, OL12 6AA Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	840	-	388589 413790
88	**Contemporary Trade Directory Entries** Name: Hanson Springs Ltd Location: Mellor Street, Rochdale, Lancashire, OL11 5BW Classification: Spring Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	860	-	388588 413713
88	**Contemporary Trade Directory Entries** Name: Ashworth Norman Ltd Location: Mellor Street, Rochdale, Lancashire, OL11 5BT Classification: Asphalt & Coated Macadam Laying Contractors **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	860	-	388588 413713
88	**Contemporary Trade Directory Entries** Name: The Service Centre Location: Mellor St, Rochdale, Lancashire, OL11 5BT Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	860	-	388588 413713
89	**Contemporary Trade Directory Entries** Name: Ashton Motor Bodies Location: 231, Spotland Road, Rochdale, Lancashire, OL12 7AG Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	893	-	388640 413776
90	**Contemporary Trade Directory Entries** Name: Lj Thermo Insulations (Asbestos) Ltd Location: Unit 8,Spotland Bridge Mill,Mellor St, Rochdale, Lancashire, OL11 5BU Classification: Asbestos Products & Removal **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14SE (E)	901	-	388614 413662
91	**Contemporary Trade Directory Entries** Name: Alexander Drew Location: Stotts Mill, Bridgefold Road, Rochdale, Lancashire, OL11 5BZ Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	913	-	388593 413582
92	**Contemporary Trade Directory Entries** Name: J & A Murphy Location: Cinnamon Street, Rochdale, Lancashire, OL12 6QB Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	918	-	388681 413844

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**Contemporary Trade Directory Entries** Name: R & B Motors (Rochdale) Ltd Location: Cinnamon Street, Rochdale, Lancashire, OL12 6QB Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	919	-	388681 413844
93	**Contemporary Trade Directory Entries** Name: Ripple Clothing Location: 227, Spotland Road, Rochdale, Lancashire, OL12 7AG Classification: Clothing & Fabrics - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	936	-	388672 413728
94	**Contemporary Trade Directory Entries** Name: Chemline Services Ltd Location: Suite 3, Tramway Offices, Mellor Street, Rochdale, Lancashire, OL12 6AA Classification: Chemical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (E)	958	-	388668 413642
94	**Contemporary Trade Directory Entries** Name: Benfield Electric Europe Ltd Location: Suite 2, Tramway Offices, Mellor Street, Rochdale, Lancashire, OL12 6AA Classification: Distribution Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NE (E)	958	-	388668 413642
94	**Contemporary Trade Directory Entries** Name: Philip J Muncaster Ltd Location: Suite 3, Tramway Offices, Mellor Street, Rochdale, Lancashire, OL12 6AA Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (E)	958	-	388668 413642
94	**Contemporary Trade Directory Entries** Name: Oldham Assembly Services Ltd Location: Tramway Offices, Mellor Street, Rochdale, Lancashire, OL12 6AA Classification: Printed Circuit Services **Status: Active** Positional Accuracy: Manually positioned to the address or location	A9NE (E)	958	-	388668 413642
95	**Contemporary Trade Directory Entries** Name: Spicnspan Location: Daniel Fold, Rochdale, Lancashire, OL12 7JU Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	969	-	387886 414974
96	**Fuel Station Entries** Name: Co-Op Norden Location: EDENFIELD ROAD, NORDEN, ROCHDALE, LANCASHIRE, OL11 5XR Brand: Bp Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A12SW (W)	766	-	386993 413981

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	**Areas of Adopted Green Belt** Authority: Rochdale Metropolitan Borough Council Plan Name: Rochdale Unitary Development Plan **Status: Adopted** Plan Date: 30th June 2006	A19SW (NE)	671	5	388137 414576
98	**Local Nature Reserves** Name: Healey Dell Multiple Area: N Area (m2): 264259.22 Source: Natural England Designation Date: 1st January 1976	A19NW (NE)	936	7	388167 414861

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Oldham Metropolitan Borough Council - Environmental Health Department	April 2009	Annual Rolling Update
Bury Metropolitan Borough Council - Environmental Health Department	July 2010	Annual Rolling Update
Rochdale Metropolitan Borough Council - Environmental Health Department	September 2009	Annual Rolling Update
Rossendale Borough Council - Environmental Health Department	September 2009	Annual Rolling Update
Discharge Consents		
Environment Agency - North West Region	April 2010	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North West Region	May 2010	Quarterly
Integrated Pollution Controls		
Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - North West Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Oldham Metropolitan Borough Council - Environmental Health Department	June 2010	Annual Rolling Update
Rossendale Borough Council - Environmental Health Department	June 2010	Annual Rolling Update
Rochdale Metropolitan Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Bury Metropolitan Borough Council - Environmental Health Department	May 2010	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Oldham Metropolitan Borough Council - Environmental Health Department	June 2009	Annual Rolling Update
Rossendale Borough Council - Environmental Health Department	June 2010	Annual Rolling Update
Rochdale Metropolitan Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Bury Metropolitan Borough Council - Environmental Health Department	May 2010	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Oldham Metropolitan Borough Council - Environmental Health Department	June 2009	Annual Rolling Update
Rossendale Borough Council - Environmental Health Department	June 2010	Annual Rolling Update
Rochdale Metropolitan Borough Council - Environmental Health Department	March 2010	Annual Rolling Update
Bury Metropolitan Borough Council - Environmental Health Department	May 2010	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - North West Region	January 2000	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North West Region	June 2010	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - North West Region	June 2010	Monthly
Registered Radioactive Substances		
Environment Agency - North West Region	April 2010	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register		
Environment Agency - North West Region - Central Area	April 2010	Quarterly
Environment Agency - North West Region - North Area	April 2010	Quarterly
Environment Agency - North West Region - South Area	April 2010	Quarterly
Water Abstractions		
Environment Agency - North West Region	April 2010	Quarterly
Water Industry Act Referrals		
Environment Agency - North West Region	January 2010	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2010	Quarterly
Flood Defences Environment Agency - Head Office	March 2010	Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - North West Region - Central Area	April 2010	Quarterly
Environment Agency - North West Region - North Area	April 2010	Quarterly
Environment Agency - North West Region - South Area	April 2010	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	April 2010	Quarterly
Environment Agency - North West Region - North Area	April 2010	Quarterly
Environment Agency - North West Region - South Area	April 2010	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North West Region - Central Area	April 2010	Quarterly
Environment Agency - North West Region - North Area	April 2010	Quarterly
Environment Agency - North West Region - South Area	April 2010	Quarterly
Local Authority Landfill Coverage		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Lancashire County Council - Waste Management Group	May 2000	Not Applicable
Oldham Metropolitan Borough Council	May 2000	Not Applicable
Rochdale Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Rossendale Borough Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Bury Metropolitan Borough Council	May 2000	Not Applicable
Lancashire County Council - Waste Management Group	May 2000	Not Applicable
Oldham Metropolitan Borough Council	May 2000	Not Applicable
Rochdale Metropolitan Borough Council - Environmental Health Department	May 2000	Not Applicable
Rossendale Borough Council - Environmental Health Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - North West Region - Central Area	March 2003	Not Applicable
Environment Agency - North West Region - North Area	March 2003	Not Applicable
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North West Region - Central Area	March 2003	Not Applicable
Environment Agency - North West Region - North Area	March 2003	Not Applicable
Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North West Region - Central Area	March 2003	Not Applicable
Environment Agency - North West Region - North Area	March 2003	Not Applicable
Environment Agency - North West Region - South Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites		
Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Rossendale Borough Council - Planning Department	February 2010	Annual Rolling Update
Bury Metropolitan Borough Council	October 2009	Annual Rolling Update
Oldham Metropolitan Borough Council	October 2009	Annual Rolling Update
Rochdale Metropolitan Borough Council	October 2009	Annual Rolling Update
Lancashire County Council	September 2009	Annual Rolling Update
Planning Hazardous Substance Consents		
Rossendale Borough Council - Planning Department	February 2010	Annual Rolling Update
Bury Metropolitan Borough Council	October 2009	Annual Rolling Update
Oldham Metropolitan Borough Council	October 2009	Annual Rolling Update
Rochdale Metropolitan Borough Council	October 2009	Annual Rolling Update
Lancashire County Council	September 2009	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities		
Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards		
British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	June 2010	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian Catalist	April 2010	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt		
Bury Metropolitan Borough Council	March 2010	As notified
Oldham Metropolitan Borough Council	March 2010	As notified
Rochdale Metropolitan Borough Council	March 2010	As notified
Rossendale Borough Council - Planning Department	March 2010	As notified
Areas of Unadopted Green Belt		
Bury Metropolitan Borough Council	March 2010	As notified
Oldham Metropolitan Borough Council	March 2010	As notified
Rochdale Metropolitan Borough Council	March 2010	As notified
Rossendale Borough Council - Planning Department	March 2010	As notified
Areas of Outstanding Natural Beauty		
Natural England	July 2010	Bi-Annually
Environmentally Sensitive Areas		
Natural England	July 2010	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	December 2009	Bi-Annually
Marine Nature Reserves		
Natural England	September 2009	Bi-Annually
National Nature Reserves		
Natural England	December 2009	Bi-Annually
National Parks		
Natural England	July 2010	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites		
Natural England	December 2009	Bi-Annually
Sites of Special Scientific Interest		
Natural England	December 2009	Bi-Annually
Special Areas of Conservation		
Natural England	December 2009	Bi-Annually
Special Protection Areas		
Natural England	December 2009	Bi-Annually

Data Suppliers

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	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**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
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**The Coal Authority - Mining Report Service** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
5	**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
6	**Rossendale Borough Council - Planning Department** Town Hall, Rawtenstall, Lancashire, BB4 7LZ	Telephone: 01706 217777 Fax: 01706 224958 Website: www.rossendale.gov.uk
7	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

APPENDIX C

COAL AUTHORITY AND GROUND STABILITY REPORT

Issued by:
The Coal Authority, Mining Reports Office, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire NG18 4RG
ON-Line Service: www.groundstability.com - Phone: 0845 762 6848 - DX 716176 MANSFIELD 5

CUSTOMER SERVICES,
LANDMARK INFORMATION GROUP LIMITED,
ABBEY COURT UNIT 5/7,
EAGLE WAY,
SOWTON INDUSTRIAL ESTATE,
EXETER,
DEVON,
EX2 7HY

Person dealing with this matter:	**Eric Fretwell**
Our reference:	**00033170-10**
Your reference:	31975538
Electronic Ref:	EME_00014251140007_005
RRUID:	005.00014251140007
Date of your enquiry:	**26 July 2010**
Date we received your enquiry:	**26 July 2010**
Date of issue:	**28 July 2010**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal and Brine Report

Land Adjacent To, 237 Edenfield Road, Rochdale, Lancashire

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	Yes
Brine Compensation District	No

Information from the Coal Authority

Underground Coal Mining

Past

According to the records in our possession, the property is not within the zone of likely physical influence on the surface from past underground workings.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove coal using underground methods.

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The property is not in an area that is likely to be affected at the surface from any planned future workings.

However reserves of coal exist in the local area which could be worked at some time in the future.

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

Coal-mining geology

The Authority is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.

Opencast Coal Mining

Past

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

Coal-mining subsidence

The Coal Authority has not received a damage notice or claim for the property since 1 January 1984. There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

Withdrawal of Support

The property is not in an area for which a notice of entitlement to withdraw support has been published.

The property is not in an area for which a notice has been given under section 41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

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Working Facilities Orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to Owners of Former Copyhold Land

The property is not in an area for which a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006. The report is compliant with Home Information Pack requirements.

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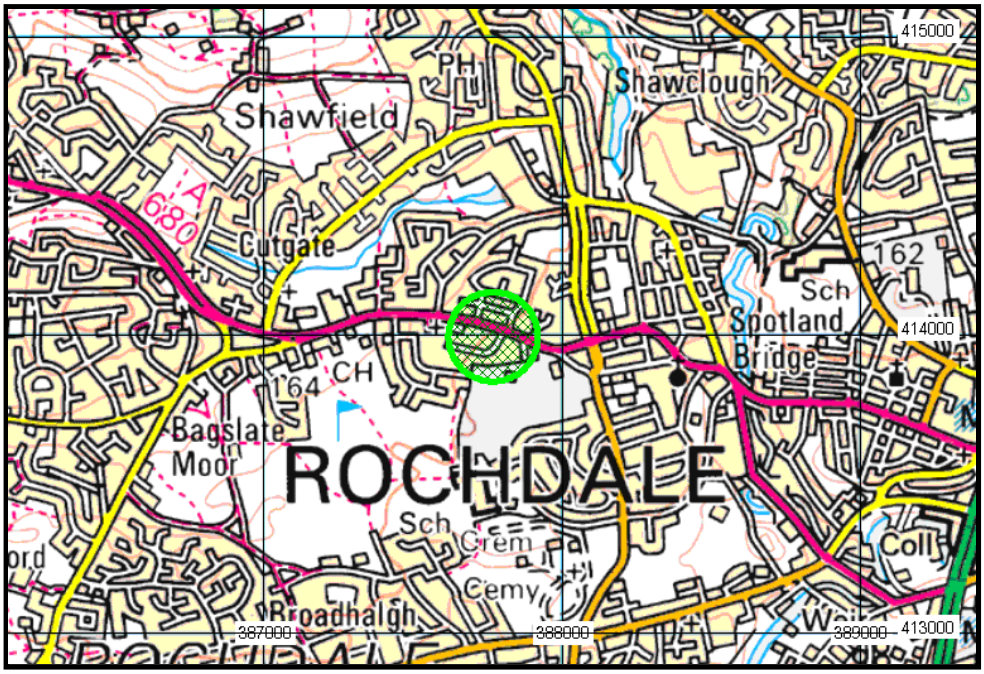
Location map

Approximate position of property



Enquiry boundary

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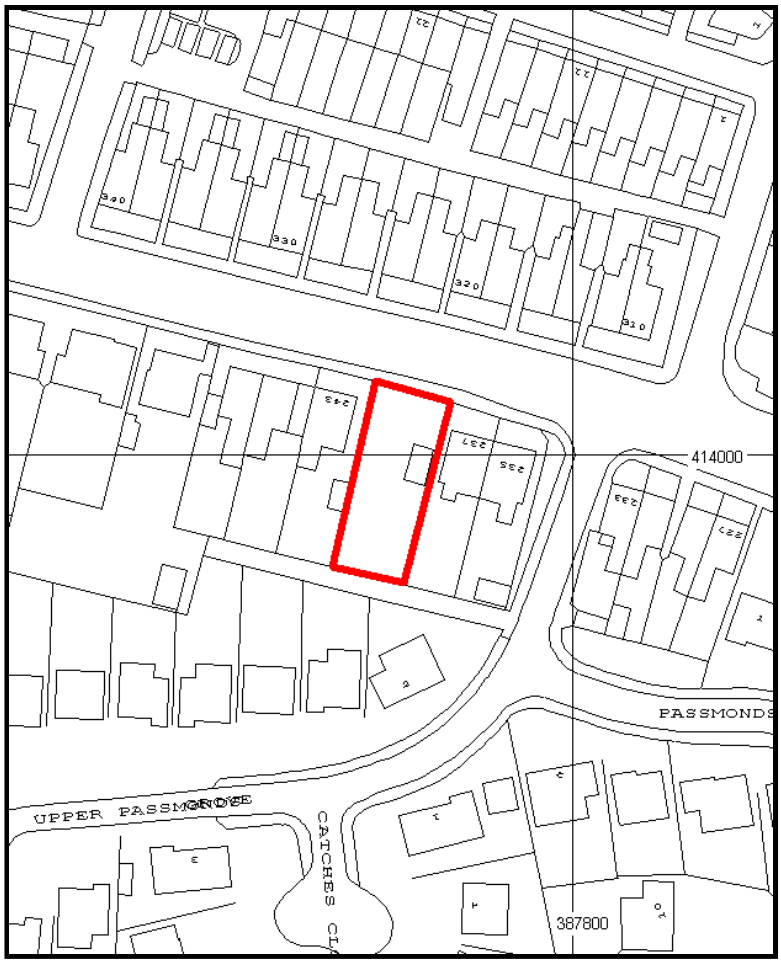

Key

Approximate position of enquiry boundary shown

Mapping sourced from Ordnance Survey®

APPENDIX D

SITE RECONNAISSANCE PHOTOGRAPHS

	**Photograph 1:** Site entrance – grave driveway
	**Photograph 2:** Southern part of site – gravel car parking area
	**Photograph 3:** Central and western part of the site

	**Photograph 4:** Gravel and building debris
	**Photograph 5:** Northwestern corner – mature tree



Photograph 6:
Flytipped material and building debris