



East Lancashire Paper Mill

A090070-193

Phase 1 Geo-Environmental Desk Study

Prepared on behalf of
Homes and Communities Agency

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1.0 EXECUTIVE SUMMARY

Current Site Status	The site covers an area of approximately 19 ha. The site is irregular in shape and the majority of the structures have been demolished with the exception of a Cricket Club and pavilion which are located on the northeast portion of the site. The site is heavily overgrown in places (invasive species observed) with standing water and stockpiled material recorded at the site.
Site and Surrounding History	Earliest mapping (c.1848) shows the site to be developed including a bleach works, brewery and former print works. The East Lancashire Paper Mill is understood to have been operational at the site from the mid 1860s until its closure in 1998, and subsequent decommissioning in 2005. During the operational years, notable onsite features have included numerous reservoirs, manufacturing, maintenance and engineering facilities and a Combined Heat and Power (CHP) plant including associated fuel storage. Earliest mapping records show the surrounding land use to predominately comprise residential properties which remain neighbouring the site to the present day. A previously undeveloped parcel of land southeast of the site was utilised for Tower Farm Landfill from 1980 with in filling operations terminating approximately in 1992. Industrial land use surrounding the site has included numerous mills, railway infrastructure and Withins Lane Colliery towards the north.
Environmental	The nearest COMAH site (Lower Tier) is located approximately 500m north of the site. There are multiple listed trade entries within 250m of the site, with the closest pertinent entry associated with a garage approximately 45m north of the site. There are no Special Protection Areas, Sites of Special Scientific Interest or Special Areas of Conservation surrounding the site. The site has been identified as being within an area at low risk for Unexploded Ordnance (UXO).
Geology	Extensive Made Ground deposits are present across the site (max. 11.8m thick proven to date). Geological mapping indicates that the site is underlain by Glaciofluvial sheet deposits along the northern half of the site with Alluvium identified towards the River Irwell in the south. River Terrace Deposits are recorded in numerous borehole records available for the site with Glacial Till identified immediately above the underlying bedrock. A geological fault strikes through the site and is orientated northwest to southeast. The bedrock geology on the north side of the fault comprises the Pennine Middle Coal Measures with the Westphalian Coal Measures and Nob End Rock (Sandstone) identified south of the fault line. Shallow coal seams have been identified beneath the site and records suggest they have previously been worked.
Hydrogeology	Both the superficial and bedrock deposits across the site have been designated as a Secondary A Aquifer which may support base flow to the neighbouring River Irwell. The site is not located within a designated Source Protection Zone.
Hydrology	A reservoir is present on site and located towards the eastern site boundary. Two culverts have been identified running though the site discharging into the River Irwell which is located along the southern boundary of the site. The site is at risk from flooding from rivers.



Potential Development Constraints	Based on this preliminary assessment, potential development constraints include: • Significant Made Ground deposits across the site and implications for foundation design. • Ground contamination associated with former site use (including ground gas/ vapours). • Existing culverts across the site. • The Mersey Valley Sludge Pipeline. • Potential for soft soils and possible shallow groundwater table towards the south of the site, neighbouring the River Irwell. • Development High Risk Area associated with shallow coal seams. • Possible shallow groundwater .
Preliminary Geotechnical Assessment	Extensive Made Ground deposits are expected beneath the site. Geological conditions towards the south of the site have been identified to comprise soft silts and clay (alluvium) and loose Sands & Gravel (River Terrace Deposits). Standard house foundations cannot be used if Made Ground deposits are greater than about 1m thickness or if the underlying geological conditions are too soft. Consequently, piled foundations or ground improvement works may be required. The site is within an area that has been undermined by coal mining activities and partially lies within a Development High Risk Area. Previous works undertaken by a third party identified potentially worked coal seams at shallow depth beneath the site. As such, further works are recommended to investigate the extent of the coal seams and/or workings and to establish what area of the site may require stabilisation works to address the land stability risk .
Preliminary Contamination Risk Assessment (PRA) and	The preliminary risk assessment has identified onsite sources of contamination which have the potential to cause harm to future onsite residents and neighbouring environmental receptors. Off site sources have been considered including the risks posed to the site by the adjacent Tower Farm landfill. Overall, it is considered that a high risk is posed associated with ground gases and a moderate risk to future site users and controlled waters.
Recommendations	WYG recommends that a ground investigation and further assessment are undertaken to provide confidence that the site can be developed for a proposed residential end use.



2.0 INTRODUCTION

2.1 Instruction

WYG Environment Planning Transport Ltd (WYG) has been commissioned by The Homes & Communities Agency (HCA) to undertake a Phase 1 Geo-Environmental Desk Study for the East Lancashire Paper Mill site in Radcliffe, Bury as shown on Figure 1.

The site is proposed to be developed as a residential development capable of supporting 490 dwellings of which 50% would be starter homes and 50% homes for open market sale.

2.2 Objectives

The primary objectives of this report are to provide an assessment of the ground conditions, environmental setting and other relevant potential constraints associated with the site, through desk based researches and a site walkover inspection.

2.3 Scope of Services

In order to achieve the above objectives, the following scope of works has been determined:

- A discussion of the site's current status, based on a site inspection and photographic record,
- A review of the historical development of the site and surrounding area, referring to past editions of Ordnance Survey maps,
- Procurement and review of commercially available environmental database information (Envirocheck report) including information on waste facilities, water abstractions, environmentally sensitive areas, flood mapping etc,
- A discussion of the anticipated ground and groundwater conditions based on geological and hydro-geological maps,
- A review of historical reports provided to us by the HCA,
- A preliminary Risk Assessment / Conceptual Site Model in line with current guidance for the assessment of land contamination for a proposed residential end-use,
- A preliminary coal mining risk assessment including obtaining a Coal Mining Report,
- A preliminary geotechnical assessment; and,
- Conclusions and recommendations including the design of physical investigation works.



2.4 Report Conditions

Attention is drawn to the report conditions included in Appendix A.

This report has been prepared using information acquired and reported by third parties. Whilst this information has been interpreted in good faith using reasonable skill and care, WYG cannot accept any liability or responsibility for the accuracy of the information.



3.0 SITE SETTING

The site is located to the east of Radcliffe town centre and approximately 5 km southwest of Bury town centre (Figure 1). The general surrounds include mixed commercial and residential properties.

A site reconnaissance was undertaken by WYG on 21st November 2016. The site is accessed via one of the following roads; Rectory Lane, Croft Lane or Church Street East. The site is irregular in shape and the majority of the structures have been demolished with the exception of a Cricket Club and pavilion located on the northeast portion of the site and a derelict brick structure towards the southwest part of the site.

The site comprises approximately 90% vegetation and 10% hard standing. It gently slopes in a south westerly direction towards the River Irwell. There are large areas of standing water and the site is open to the public.

Several stockpiles of brick, concrete and asphalt are located across the site. Fly tipped waste was identified in localised areas near to the northern site boundary. There is evidence of squatting and surface fires.

Gas supply apparatus is present.

A small ditch marking the location of the former Bealey's Goit is located along the southern boundary of the site. An outfall to the River Irwell is located on the south west boundary.

Invasive species including Giant Hogweed are present.

Key details for the site are shown on Figure 2 and are provided in Table 3.1 below. Table 3.2 describes adjacent land usages. A photographic record of the site reconnaissance is enclosed as Appendix B.



Table 3.1 Site Details

Address	East Lancashire Paper Mill, Cross Lane, Radcliffe, Bury
Grid Reference	Site is centered upon 379290, 407410
Site Area	Approximately 19 ha.
Elevation	Approximately 70m AOD in the north east to 63m AOD in the south

Table 3.2 Surrounding Land Uses

Boundary	Description
North	Cross Lane with residential properties beyond.
South	Former Bealey's Goit and undeveloped land.
East	Residential properties with associated community facilities and recreational space beyond.
West	Residential properties, the Metro Link viaduct orientated north south and Radcliffe town centre beyond.



4.0 PREVIOUS INVESTIGATIONS

4.1 Introduction

A number of reports were made available by the HCA for review, these include;

- Remedial Strategy for land at East Lancashire Paper Mill, Radcliffe. Prepared by Encia Consulting Limited for P&F Properties Limited. (Report ref: 5996/3/Rev-A, July 2005);
- East Lancashire Paper Mill, Radcliffe. Report on Supplementary Groundwater/ Ground Gas Monitoring. Prepared by Encia Consulting Limited for P&F Properties Limited. (Report ref: 5996/BRB, November 2005); and,
- Summary Status Report for The East Lancashire Paper Mill Site. Prepared by ADM Regeneration Limited for P&F Properties Limited. (Report ref: 10109_SSR_01, August 2013).

4.2 Remedial Strategy for land at East Lancashire Paper Mill, Radcliffe (Encia, July 2005):

Encia Consulting Limited (Encia) was commissioned by P&F Properties to prepare a remediation strategy for the site. The main aim of the remediation strategy was to provide a developable site for a number of end uses including a commercial development, a school, public open space / open water and residential properties with gardens.

The remediation strategy incorporated information from previously commissioned works including:

- A Desk Study Report. Prepared by Lees Roxburgh (Report ref: 4541, November 2002);
- Existing Site Drainage and Services Information. Prepared by Lees Roxburgh (November 2002);
- Historical Reservoir Construction Drawings from the 19th Century;
- Phase 1 Geo-Environmental Report for the Potential Re-development of East Lancashire Paper Mill, Radcliffe. Prepared by Encia (Report ref: 3094, March 2003);
- Outline Development Strategy for the Former East Lancashire Paper Mill, Radcliffe. Prepared by Encia (Report ref: 5996, September 2004);
- Geo-Environmental Appraisal of land at East Lancashire Paper Mill. Prepared by Encia (Report ref: 5996/10/2, May 2005);
- Risk Assessment to Derive Remediation Targets at East Lancashire Paper Mill, Radcliffe: Volume 1 of 2: Human Health. Prepared by Encia (Report ref: 5996/RA/1, May 2005); and,



- Risk Assessment to Derive Remediation Targets at East Lancashire Paper Mill, Radcliffe: Volume 2 of 2: Controlled Waters. Prepared by Encia (Report ref: 5996/RA/2, May 2005).

Information pertinent to the current review is summarised below.

4.2.1 Environmental Desk Study

The findings of the environmental desk study (Encia, 2003) are broadly consistent with the findings outlined within Sections 5, 6 & 7 of this report.

4.2.2 Intrusive Ground Investigations

A number of ground investigations were carried out by Encia between 2003 and 2005. The ground conditions are summarised below:

- The excavation of forty-eight trial pits (TP1 to TP48) to a maximum depth of 4.2m bgl. Extensive Made Ground deposits were encountered and typically comprised a gravel fill with varying quantities of concrete, brick, ash, clinker and metals sharps.
- Thirty-two window sample boreholes (WS1 to WS32) were advanced to a maximum depth of 8.0m bgl. Ground conditions typically included Made Ground comprising of a Sand and Gravel with varying quantities of concrete, brick, ash, clinker and sandstone (to a maximum depth of 6.0m bgl). Underlying ground conditions typically included sand & gravel (River Terrace Deposits) and soft clays (Alluvium). Twelve exploratory holes were installed with a gas and groundwater monitoring well.
- Fourteen cable percussion boreholes (BH1 to BH14) were advanced to a maximum depth of 10m bgl. Ground conditions typically included Made Ground comprising of sandy Gravel including brick, concrete, ash and clinker (to a maximum depth of 8.2m bgl). Superficial deposits typically comprised Clay (Alluvium) and Sand & Gravel (River Terrace Deposits) overlying weathered Sandstone. Bedrock was encountered from a depth of 2.1m bgl. Four exploratory holes were installed with a gas and groundwater monitoring well.
- Seven rotary boreholes (RBH02 to RBH09) were advanced to a maximum depth of 40m bgl. Ground conditions typically included Made Ground deposits comprising brick and concrete gravel proven to a maximum thickness of 10.5m. Superficial deposits typically comprised Clay (Alluvium) and Sand & Gravel (River Terrace Deposits) overlying bedrock comprising weathered Mudstone and Sandstone (Coal Measures).



4.2.3 Ground Conditions Encountered

Made Ground was encountered across the entire site to a maximum depth of 11.8m bgl. The Made Ground includes *in-situ* foundations and the deposits described above. Waste materials (refuse) were identified to a depth of 6.3m bgl within the vicinity of an onsite landfill located in the southeast corner.

Groundwater ingress was noted into excavations. Groundwater levels within boreholes were noted to be more elevated towards the northeast of the site (65m AOD) with a decrease in levels towards the River Irwell (60m AOD).

4.2.4 Summary of Laboratory Results

Chemical testing of groundwater and soils from the Made Ground identified organic and inorganic contamination to be present, this included;

- Elevated soil concentrations of arsenic, lead and chromium;
- Leachate and groundwater samples contained slightly elevated concentrations of arsenic and lead;
- Leachate samples contained elevated phytotoxic chemicals (copper, zinc and chromium);
- Elevated soil concentrations of benzo(a)pyrene;
- Four Total Petroleum Hydrocarbons (TPH) hotspots were identified at the site. The TPH was identified as aliphatic and aromatic C₁₂ to C₃₅, lubricating oil and fuel oils.

The tests results were screened using the then current UK guidance for a residential end use including gardens.

4.2.5 Conclusion & Recommendations

The Encia investigation identified that the previous use of the site had resulted in ground contamination, notably within the extensive Made Ground deposits.

Encia highlighted that hazardous ground gas is a major risk from both on and off site sources. The site is underlain by organic-rich alluvium, potential mine workings, a number of in-filled reservoirs and landfills. The potential exists for the migration of ground gas and leachate from adjacent land uses (Lagoon Area Landfill and Tower Farm Landfill) which are adjacent to the southeast boundary of the site.



Encia considered the presence of onsite land filling a potential development constraint and recommended that further investigations and assessment should be undertaken to determine risks.

The rotary borehole investigation on the northeast portion of the site identified that shallow mine workings may be present and ground stabilisation (possibly drill and grout) maybe required prior to development.

The remedial strategy outlined an extensive list of actions required to ensure the site is suitable for the proposed development including (but not limited to) decommissioning of combined heat and power plant (CHP), removal of below ground obstructions, a gas / leachate assessment, drilling & grouting of mine workings and additional site investigation.

Pending completion of the remedial works, the following recommendations were made:

- Foundations for the proposed buildings for the majority of the site area are to be piled with suspended floor slabs; and,
- Gas protection measures are recommended for the site.

4.3 Report on Supplementary Groundwater / Ground Gas Monitoring (Encia, November 2005)

The report presents data from historical investigations and from a supplementary groundwater and ground gas monitoring programme. The monitoring targets the potential migration of gases onto the site from adjacent landfills.

Gas monitoring data obtained by Encia throughout February 2003, May 2004 and April 2005 (multiple visits) indicated that the gas flow rates are low and that methane was detected in low concentrations in four of the monitoring wells.

Encia were informed of investigations on the adjacent Tower Farm site being undertaken by Mouchel Parkman, with the following interim report provided to Encia for review:

- Tower Farm, Radcliffe – Geo Environmental Assessment – Interim report. Prepared by Mouchel Parkman (Report ref: 721419/R/01-Rev A, October 2005).



A review of the data from the landfill site identified that hazardous gas was being generated. It was considered that the infilling of Bealey's Goit may have created a potential for hazardous gas to migrate from Tower Farm onto the site.

A number of potential sources of hazardous gas were identified on and adjacent to the site including onsite and offsite land filling, organic rich alluvium, in-filled reservoirs and gas migration from shallow coal seams. It was considered there is a risk of hazardous ground gas affecting the site and additional works were undertaken by Encia which included six rounds of ground gas monitoring between July and November 2005.

4.3.1 Conclusions and Recommendations

The results of the additional ground gas monitoring identified conditions at the site similar to the results previously obtained . Encia considered the level of risk to the development of the site from on-site generated gases to be generally low. It was recommended that the following gas protection measures were installed in future developments:

- Ventilation of confined spaces within proposed buildings;
- Suspended floor slabs;
- Low permeability gas membranes; and,
- Minimal penetration of the gas membrane by services.

Encia further recommended that a detailed ground gas risk assessment should be conducted to determine the level of risk posed by the migration of offsite gas onto the site.

4.4 Summary Status Report for The East Lancashire Paper Mill Site (ADM, August 2013)

The report was produced to provide a referenced summary of the various investigations and follow up remediation works undertaken at the East Lancashire Paper Mill since 2004. The report's primary intention was to inform and assist the evaluation and early implementation of an appropriate and phased development of the land. A hybrid planning application was submitted and granted in September 2007. This was a detailed application for a school and an outline application for the remaining site areas.



4.4.1 Preliminary Site Investigations

A number of phases of ground investigation have previously been undertaken at the site, primarily by Encia Consulting Limited, but more recently by Elluc Projects Limited. The following Encia reports were referenced throughout the ADM assessment:

- Geo-environmental Appraisal of Land at East Lancashire Paper Mill, Radcliffe. Prepared by Encia (Report ref: 5996/10/2, May 2005);
- Letter Report on Supplementary Groundwater/ Ground gas Monitoring. Prepared by Encia (Report ref: 5996/BRB, November 2005); and,
- Supplementary Geo-environmental Investigations at the Former Combined Heat & Power (CHP) Plant and Bealey's Goit Area, East Lancashire Paper Mill, Radcliffe. Prepared by Encia (Report ref: 5996/16/1, September 2007).

Encia also produced a number of site specific risk assessments for the protection of human health and controlled waters. The site specific chemical screening criteria derived from these assessments did not identify the need to remediate either the waters or soils found on the site. The assessment identified that any Made Ground was to be placed beneath a hard surface or a 600mm soil cover system and that four hydrocarbon hotspots should be remediated.

4.4.2 Site Remediation by Encia

The part of the site that was remediated by Encia included the proposed Radcliffe Riverside School (referred to as Area B, Phase 1) for which a detailed planning application had been submitted. The works were supervised by Encia Consulting Ltd who produced a verification report detailing all the works and the associated testing undertaken to comply with the objectives outlined within the Remediation Strategy.

In March 2005, the upper surface of an area of public open space (surrounded by Cross Lane, Rectory Lane, Cock Clod Street and Church Street East) was investigated by Encia. The investigation identified numerous arsenic hotspots. Remediation was undertaken by Encia in June 2005 via source removal. The results are presented within the following report;

- Land off Rectory Lane, Radcliffe – Completion Statement for Arsenic Hotspot(s) Removal. Prepared by Encia (Report ref: 7031/CS, July 2005).



4.4.3 Site Remediation by Green Remediation

Green Remediation Limited was commissioned by P&F Properties to complete the remediation and preparatory earthworks of the proposed school development site (Area B, Phase 2) in 2008. The remedial works included hydrocarbon hotspot removal. The works were supervised by Capita Symonds (Structures) Limited (CSS) and details of the validation works undertaken are enclosed within the following report:

- Verification Report for the Remediation & Preparatory Works of Land at the Former East Lancashire Paper Mill, Radcliffe, Area B: Phase 2. Prepared by Capita Symonds (Structures) Limited. (Report ref: 55/017003/VR, October 2008).

CSS concluded that Area B of Phase 2 should be considered appropriately remediated for the proposed school development subject to placement of a subsoil/topsoil cover system to all proposed 'soft standing' end use areas.

Green Remediation undertook preparatory earthworks to the area of the site historically comprising the former bowling green, social club, terraced housing and Turbine Lodge. This part of the site is located immediately east of Cock Clod Street and north of Church Street East. Works comprised draining down the water in the lodge, stripping the topsoil, excavation of Made Ground soils & silts, the removal of concrete & asphalt and foundations. The majority of the excavated material was used as a fill to raise the ground level within the proposed school development site. The works are summarised in the following report:

- Report Detailing the Preparatory Works of the Land at the Former East Lancashire Paper Mill, Radcliffe. Prepared by Capita Symonds (Structures) Limited (Report ref: SS/017003/R-1/Rev A, March 2009).

4.4.4 Previous Investigations by Elluc Projects Limited

In 2009, Elluc Projects Limited (Elluc) was commissioned by P&F Properties to undertake additional investigations across the site. The following Elluc reports were referenced in the ADM summary report:

- Review of Existing Mining Related Information obtained in relation to the former East Lancashire Paper Mill, Radcliff. Prepared by Elluc. (Report ref: ELL/103/011, May 2009);



- Report on Geo-Environmental Investigations undertaken in relation to redevelopment of Zone A, at the former East Lancashire Paper Mill, Radcliff. Prepared by Elluc. (Report ref: ELL/103/PEP/300, June 2009);
- Addendum Report on Gas Monitoring undertaken in relation to redevelopment of Zone A, at the former East Lancashire Paper Mill, Radcliff. Prepared by Elluc. (Report ref: ELL/103/P&F/GO44, September 2009); and
- Report on Shallow Coal Mining Investigation undertaken in relation to redevelopment of Zone A, at the former East Lancashire Paper Mill, Radcliff. Prepared by Elluc. (Report ref: ELL/103/PFP/300, December 2009).

The Elluc reports indicated that the geological fault was believed to be further south than conjectured on the regional mapping for the site. As a consequence, Elluc concluded that a greater area of the site is potentially affected by shallow coal workings and the need to possibly drill and gout beneath proposed new buildings maybe more extensive than originally believed.

4.4.5 Summary of the Works Completed

The following enabling works have been undertaken:

- Proposed School development site – Remediation (Including hydrocarbon and arsenic hotspot removal) and preparatory earthworks completed;
- Former bowling green, social club, Turbine Lodge - preparatory earthworks completed;
- Croft Lane and cricket field lodges have been dewatered;
- Combined Heat and Power Plant (CHP) - Fully dismantled and removed from site in 2007; and,
- Many underground slabs and foundations removed during decommissioning of the CHP plant.

4.4.6 Works outstanding

The following works are summarised in the ADM report as outstanding :

- Drilling and grouting beneath proposed building footprints in areas affected by shallow coal workings.
- School site – the well structure requires capping and a 450mm thick cover system needs to be provided within soft end use areas.



- Former bowling green, social club, Turbine Lodge – the former terrace properties require site investigation, preparatory earthworks and foundation removal. A 600mm thick cover system needs to be placed.
- Croft Lane Lodge, cricket field and south west of cricket field lodge – Preparatory earthworks are required to the area to achieve an environmentally and geotechnically suitable development platform. A 600mm thick cover system needs to be placed.
- North eastern part of cricket field lodge - Preparatory earthworks to provide a geotechnically suitable platform. A 600mm thick cover system needs to be placed.
- Former CHP location – Major remediation and preparatory earthworks for site development. If the area is used for a soft end use i.e. public open space a 600mm thick cover system needs to be placed. Given the close proximity of landfills a gas venting barrier should be installed.
- Park Lodge – There are stockpiles containing the material removed from the hotspots during the works to the school area of the site. Preparatory earthworks required for development. Possible requirement of a gas venting barrier. A 600mm thick cover system needs to be placed.
- Former Wilton Mill (southwest corner of the site) – No works have been undertaken within this area of the site. Earthworks are required including the breaking out of foundations and remodelling to satisfy flood requirements.
- Land north of Rectory Lane – Minimal site investigation works completed within this area. Further site investigation required and preparatory earthworks.



5.0 ENVIRONMENTAL SETTING

Regulatory authority information relevant to the site and its surroundings has been obtained from the undertaking of an environmental database search; supplemented with information from the Zetica, Environment Agency, Coal Authority and British Geological Survey (BGS) websites. The information is summarised below and the environmental database records are enclosed in Appendix C.

Distances stated are approximate and are taken from the boundary of the site to the database recorded entries.

5.1 Waste

Two historical landfill sites have been identified on the south east corner of the site:

- The site name is 'Boiler House East Lancashire Paper Mill' (active 1939 – 1989) and is reported to have accepted inert, industrial and special wastes; and,
- East Lancashire Paper Mill (active 1979 – unknown) located towards the southeast corner of the site and appears to extend southwards and is reported to accept inert and industrial wastes.

One historical landfill has been identified within 250m of the site:

- Tower Farm located immediately to the east of the site which was operated by various operators (active 1980 – 1992). Reported deposited waste includes inert, industrial, household, special and liquids/ sludge wastes.

5.2 Industrial Processes

Historically a number of Integrated Pollution Control (IPC) Permits were held at the site by the Paper Mill and Scottish & Southern Energy Limited. These have since been revoked but relate to processes being undertaken on the site including the manufacture of paper & pulp and processes associated with combustion in relation to the fuel and power industry.

A number of active environmental permits are registered within 250m of the site:

- One Part 1(A) environmental permit (former Integrated Pollution Prevention and Control (IPPC)): Colour Anodising Limited, Holland Street, Radcliffe (Permit reference: QP3634AD)



located approximately 70m north of the site. The site uses solvents to treat the surfaces of metals and plastics.

- Two Part B environmental permits (former Local Authority-Pollution Prevention Control (LA-PPC). The nearest permit relates to Anodising and Plating Limited, Hamer Street, Radcliffe (Permit reference: 22) which is located approximately 110m north of the site and is associated with a general coating process.

There are no Contaminated Land Register Entries and Notices (CLREN), active Integrated Pollution Controls (IPC) or Part A (2) environment permits (former Local Authority-Integrated Pollution Prevention Controls (LA-IPPC)) at or within 250m of the site.

5.3 Trade Entries

There are numerous active trade entries within 250m of the site. The entries are associated with car garages (45m from the site), anodising, engineering, electrical, waste recycling and refrigeration.

There are no fuel station entries within 250m of the site.

5.4 Health & Safety

There are no explosive sites, Notification of Installations Handling Hazardous Substances (NIHHS), planning hazardous substance consents, registered radioactive substances consents or planning hazardous substance consents (PHSC) registered at or within 1km of the site, apart from one active Control of Major Accident Hazard (COMAH) held by Bep Surface Technologies approximately 500m north of the site. The site is classified lower tier and the justification for COMAH status is not specified.

The Regional Unexploded Ordnance (UXO) Risk Map of the Manchester area, provided by Zetica, indicates the site to be located within an area at low risk of unexploded ordnance.

5.5 Environmentally Sensitive Areas

There are no Special Protection Areas (SPAs), Sites of Special Scientific Interest (SSSI) or Special Areas of Conservation (SAC) or local nature reserves at, or within, 500m of the site.



Land immediately south and east of the site has been classified as an area of adopted green belt by Bury Metropolitan Borough Council.

The site is not located in a Nitrate Vulnerable Zone (NVZ) for groundwater or surface water.

Radcliffe Tower is located approximately 40m east of the site and classified as a Grade I listed building and a scheduled monument, inferring the Tower is a nationally important archaeological site.

5.6 Planning Review

The Bury Council website was accessed on 24th October 2016. The following pertinent planning records relating to the proposed development of the site were identified;

- Planning Application 95/30888 - Alteration to size and location of approved fuel oil storage tanks. Approved with conditions. No documents were available online;
- Planning Application: 95/31377 - Erection of a 500 cubic metre storage tank. Approved with conditions. No documents were available; and
- Planning Application 05/45598 and 13/55901 - Hybrid outline application for a mixed use development comprising the following uses; industrial, residential properties, a water feature, open space and a full application for a Secondary School and Highway Infrastructure.

5.7 Regulatory Liaison

An enquiry was made to Bury Council Environmental Protection Department (BCEPD) on 11th November 2016 to ascertain whether the site is being considered for inspection under Part 2A of the Environmental Protection Act 1990. The department confirmed via email the following:

- Preliminary remediation works have previously been undertaken at the site; and,
- The site has not been identified under the Council's Part 2A strategy.



6.0 SITE HISTORY

Available extracts of historical Ordnance Survey (OS) maps and Google mapping were used to research the history of the site and the surrounding area within a distance of 250m. Copies of all historical Ordnance Survey maps reviewed are included in Appendix D.

6.1 Review of Site History

6.1.1 Site History

The earliest mapping (dated 1848) for the site shows industrial uses to be established and includes a bleach works with numerous reservoirs on the north east, a print works (Calico) and a barracks in the centre and a brewery to the west. A Cotton Mill is present on the north east corner from pre 1937 to present day when it is described as a works. The remainder of the site is open space with the River Irwell delineating the southern boundary. There is potentially an ox-bow lake type feature on the south of the site.

The map of 1895 shows the barracks and Ox-Bow feature to be replaced by a Paper Mill. It is understood the Paper Mill was opened circa 1860s. The bleach works and brewery are no longer noted. Residential properties are established on the north and northwest fringes of the site. By 1910 Wilton Mill has been established on the south west corner of the site and the Paper Mill has extended to occupy the remainder of the site. The paper mill includes numerous tanks, a tramway, filter beds and reservoirs.

By 1937 a number of the filter beds had become a cricket ground and an area of disturbed ground is shown on the south east. In 1980 the disturbed ground is shown to be a refuse heap. The Wilton Cotton Mill is no longer present by 1996 and the paper mill is understood to have been closed in 1998 and had been demolished by 2005.

A Combined Heat and Power (CHP) plant was established in approximately 1990 on the south east of the site and was demolished by 2006. Latest mapping dated 2000 shows the reservoirs to remain identifiable however it is understood they are no longer present (excluding one).



6.1.2 History of Surrounding Area

The earliest mapping (dated 1848) shows the surrounding land use to be generally undeveloped with the exception of residential properties towards the east and Radcliffe Gravel Pit approximately 50m southwest of the site.

Mapping dated circa 1900 shows the area surrounding the site to be predominantly residential with some industrial uses including Radcliffe Station with associated engineering sheds and a goods station approximately 150m west of the site. Soap works and Within Lane Colliery were identified approximately 150m and 250m north of the site respectively. Additionally, a series of Dye and Iron works and a bleach works are identifiable approximately 250m northwest and southeast of the site respectively.

Mapping dated circa 1907 shows a sewage treatment works, associated filter beds and tanks to be present immediately beyond Bealey's Goit to the south. Pioneer Mills is located beyond the River Irwell and is later called Radcliffe Waste Recycling Centre. Mapping dated 1956 infers that the sewage works are no longer operational.

From 1956 Glebe Engineering Works (Paper converting machinery) was identified on the site's south-western boundary. The engineering works was demolished during 2016.

Mapping dated 1980 – 1983 shows a large scale landfill (refuse tip) immediately south of the site beyond Bealey's Goit.

6.1.3 Historical Potentially Contaminative Uses

Based a review of the history above, a number of potentially contaminative uses have been identified these are summarised in Table 6.1 below.



Table 6.1 Historical Potentially Contaminative Land Uses on and within 250m of the Site

Off Site			
Distance and Direction	Feature	Year	Notes
On site	East Lancashire Paper Mill	c.1870-2005	Ceased production in 1998 and fully demolished in 2005.
On site	Former Printing Works	1889-1907	Calico Print Works
On site	Former Cotton Mills	1907-1996	Wilton and Cross Mill Cotton
On site	Storage tanks	1907-2005	Likely to be associated with fuel oil storage associated within former onsite heat and power systems
On site	Multiple reservoirs	c.1870-2005	With the exception of one, all reservoirs are believed to be in filled.
On site	Former bleach works	c.1948-1907	Former bleach works towards the north east of the site
On site	Filter beds	1907-1952	
On site	Ox Bow Lake	1848-1851	Identified towards the south and in filled with unknown material
On site	Onsite reservoir	1848 to 2016	Potential for slurry and sludge at the base.
Immediately south	Sewage treatment works	1907	Including associated settling tanks
Immediately east	Tower Farm Works and Landfill	1980-1992	Reported to accept inert, industrial, household, special and liquids/ sludge.
Immediately southwest	Glebe Engineering works	circa 1960	Believed to have been demolished in 2016.
50m south	Radcliffe Gravel Pit	1848	Subsequently in filled
60m south	Pioneer Mills	1907	A series of former mills (Subsequently Radcliffe Recycling) ranging from 60m to 250m southwest of the site.
100m north	Soap Works	1889	-
150m west	Railway land	1889-unknown	Railway inc. goods shed and engineering works.
200m southwest	Chemical works	1923- 1965	Subsequently a series of mills, dye works (Irwell Vale) and textiles works.



7.0 GEOLOGY, HYDROGEOLOGY AND HYDROLOGY

7.1 Geology

Details of the geology underlying the site have been obtained from the following sources:

- BGS Sheet No. 85 (Manchester) 1:63,360 map: Drift edition, 1970;
- BGS Sheet No. 85 (Manchester) 1:50,000 map: Solid edition, 1971;
- BGS website (Geology of Britain Map Viewer and historical Borehole Records);
- Indicative Radon Map Number 17 Lancashire, south Cumbria and western North Yorkshire, Health Protection Agency and British Geological Survey (2007);
- Geo-Environmental Appraisal of land at East Lancashire Paper Mill. Prepared by Encia (Report ref: 5996/10/2, May 2005);
- The Coal Authority Interactive Map;
- Coal Mining Report; and,
- Environmental database.

7.1.1 Made Ground

The geological maps indicate that the north-eastern section of the site is underlain by Made Ground. This is probably associated with the infilling of former onsite reservoirs.

Made Ground deposits have been encountered extensively across the entire site and proven to a maximum depth of 11.8m bgl.

BGS borehole records for the site indicate the presence of Made Ground including quantities of ash, clinker, brick and possible Kaolin; a product used extensively within the paper industry.

7.1.2 Superficial Geology

The geological map indicates that the site is underlain by Glaciofluvial sheet deposits along the northern half of the site and Alluvium in the south towards the River Irwell.

The site was recorded to be underlain by Alluvium, River Terrace Deposits and Glacial Till (Encia, 2003). Alluvium deposits typically comprised silt and soft clay identified in boreholes towards the south of the site neighbouring the River Irwell. Alluvium deposits were typically underlain by River Terrace Deposits comprising dense sand and gravels and identifiable across the majority of the site.



Glacial Till deposits comprising stiff gravelly clay were identifiable at depths immediately above the underlying bedrock.

Historical BGS borehole records indicate the presence of sand and gravels in the north of the site and silts and sand in the south.

7.1.3 Solid Geology

The geological map indicates that a fault orientated northwest to southeast strikes through the site with the downthrow in a south westerly direction.

To the north of the fault the solid geology comprises Pennine Middle Coal Measures. There are two coal seams which have the potential to be present in the underlying strata at fairly shallow depth. The deeper of the two is the Rams Mine and sub-cropping beneath the site the Top Three Yard seam. The seams are orientated northeast to southwest with a dip of 8 degrees to the south south east.

To the south of the fault the solid geology comprises Westphalian Coal Measures. The sequence includes Nob End Rock (sandstone) on the eastern part and Pennine Middle Coal Measures on the western part.

Based on previous ground investigations undertaken at the site, there is evidence that previously worked shallow coal seams are present beneath the site.

7.1.4 BGS Soil Chemistry

The environmental database provides Urban Soil Chemistry Averages for the site (source: Urban Soil and Soil Chemistry data provided by the British Geological Survey). The information is summarised in Table 7.1 below.

Table 7.1 Urban Soil Chemistry Averages

Determinand	Soil Concentration Range	
	Min (mg/kg)	Max (mg/kg)
Arsenic	15	25
Cadmium	<1.8	<1.8
Chromium*	40	90
Lead	<100	<100
Nickel	15	45

*Assumed to be Total Chromium



All the metal concentrations given above are at levels which may not be considered to pose a potential risk to human health for a residential end use.

7.1.5 Radon

The property is in a lower probability radon area where less than 1% of homes are estimated to be at or above the action level.

The indicative radon map (Radon Map Number 17) indicates that the site is in an area where no radon protection measures are necessary in the construction of new dwellings or extensions.

7.1.6 Mining

Information obtained from the environmental database indicates that the site is located in an area known to be affected by coal mining activities.

A Coal Report has been obtained for the site and is enclosed as Appendix E. The report has been used to inform a Preliminary Coal Mining Risk Assessment which is enclosed as Appendix F.

There are two historical BGS recorded mineral sites within 250m of the site; these are summarised as follows:

- Radcliffe Gravel Pit is located 50m west of the site. The commodity extracted was River Terrace Deposits (sand and gravels); and,
- Close Park is located 80m east of the site. The commodity extracted was River Terrace Deposits (sand and gravels)

7.1.7 Ground Stability

Table 7.2 indicates the potential ground stability hazards on site, as obtained from the environmental database.



Table 7.2 Ground Stability Hazards

Ground Stability Hazard	Risk
Collapsible Ground	No Hazard to Very Low
Compressible Ground	No Hazard to Moderate
Ground Dissolution	No Hazard
Landslide	Very Low
Running Sand	Very Low to Low
Shrinking or Swelling Clay	No Hazard to Very Low

7.2 Hydrogeology

Details of the hydrogeology underlying the site have been obtained from the following:

- Environment Agency website; and,
- Environmental database.

7.2.1 Groundwater Classification

The superficial deposits (Alluvium, River Terrace Deposits and Glacial Till) and bedrock (Westphalian Coal Measures) are designated as Secondary A Aquifers on the Environment Agency website;

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.

The soils at the site are classified as having high leaching potential.

7.2.2 Groundwater Abstractions

The site is not located within a Source Protection Zone for the protection of groundwater resources.

The environmental database indicates that there are two active groundwater abstractions within 1km of the site boundary;

- D & H Dyers approximately 15m west of the site associated with the manufacturing industry; and,
- Polyflor Limited located approximately 900m south of the site.

A groundwater well was drilled at the site in 1911 to a depth of approximately 125m bgl towards the southwest corner of the site (BGS borehole ref: SD70NE29). A groundwater pumping test was



undertaken within the borehole at a depth of 80m bgl which yielded approximately 20,000 litres per hour, however records state that the pumping well failed due to the well collapsing.

7.3 Hydrology

Details of the hydrology of the area have been obtained from the following sources:

- The Environment Agency website; and,
- Environmental database.

7.3.1 Watercourses

A reservoir is present on site towards the eastern site boundary immediately south of Church Street East.

Two culverted water courses are present at the site and identified below:

- Hutchinson's Goit enters the site towards the northeast corner; and,
- Crow Trees Farm Brook is culverted beneath the northwestern corner of the site. The brook originates from Withins Reservoir towards the north of site and discharges into the River Irwell located on the southern boundary of the site. The outfall of this culvert was identified during the site reconnaissance.

A small drainage ditch was noted along the site's southern boundary and believed to be the former location of Bealey's Goit which has been reported as previously in-filled.

The overall water body classification of the River Irwell (Roch to Croal) is classified as moderate. The ecological and chemical classification of the River Irwell is classified as moderate and good respectively.

The site is located in an area at risk from flooding from rivers. A bespoke Flood Risk Assessment is being completed for the site.

7.3.2 Surface Water Abstractions

The environmental database indicates that there are no active surface water abstractions at or within 250m of the site.



7.3.3 Discharge Consents

The environmental database search indicates that there are a number of discharge consents to surface water registered at the site / directly adjacent to the site boundary. These include;

- Three United Utilities permits in relation to Storm Tanks on the Sewerage Network for overflow purposes. These appear to be active and are located directly to the south west and west of the site.

A further permit is held 225m to the south west of the site by United Utilities. All the permits relate to discharges into the River Irwell or its tributaries.

7.3.4 Pollution Incidents & Prosecutions

The environmental database indicates that there are three recorded pollution incidents to controlled waters attributed to the site and two within 250m of the site. The pollution incidents relating to the site are summarised as follows:

- Discolouration of the River Irwell in 1996 which was a category 3, minor incident.
- Overfilling of fuel oil during a delivery in 1995. The receiving water was Bealey's Goyt and was a category 3, minor incident.
- Rubble / litter or solids in 1994 impacting the River Irwell which was a category 3, minor incident.

The offsite incidents relate to fire water / foam and natural discolouration of the River Irwell. They are both described as category 3, minor incidents.

An enforcement / prohibition notice was issued to the site in 1994 after concentrations of particles exceeded the permissible concentrations. It is unclear to what the receptor was. No further enforcement and prohibition notices or prosecutions relating to authorised processes were identified within 250m of the site.



8.0 PRELIMINARY CONTAMINATION RISK ASSESSMENT

The site is being considered for future residential development and has been assessed in line with current UK guidance including the National Planning Policy Framework (NPPF), March 2012.

For a risk of pollution or environmental harm to occur as a result of ground contamination, all of the following elements must be present:

- A source, i.e. a substance that is capable of causing pollution or harm;
- A receptor (or target), i.e. something which could be adversely affected by the contaminant; and
- A pathway, i.e. a route by which the contaminant can reach the receptor.

If one of these elements is absent there can be no significant risk. If all are present then the magnitude of the risk is a function of the magnitude and mobility of the source, the sensitivity of the receptor and the nature of the migration pathway.

8.1 Conceptual Site Model (CSM)

The site is underlain by extensive Made Ground deposits proven to a maximum thickness of 11.8m bgl with superficial ground comprising Alluvium, River Terrace Deposits and Glacial Till. The bedrock underlying the site has previously been investigated and noted to comprise sandstone and mudstone units. Both the superficial and bedrock geology as classified as Secondary A Aquifers by the EA.

Perched shallow groundwater may be present within the Made Ground, as well as within the superficial deposits. It is likely that groundwater within the underlying aquifers may provide base flow to the River Irwell located immediately south and southwest of the site.

The site is not located within a SPZ and there are no potable groundwaters or surface water abstractions within 500m of the site.

A diagrammatic CSM is provided as Figure 3.



8.2 Source-Pathway-Receptor Model

8.2.1 Potential On-site Hazard Sources

Based on the preliminary information, the following potentially contamination sources have been identified:

- Extensive Made Ground deposits across the site associated with former uses including the following potential contaminants (based on Department of Industry Profile: Pulp and paper manufacturing works):
 - Oils, lubricants, hydrocarbons, PAH's, glycols, fuels associated with the manufacturing process, heating systems and the transport/delivery of raw materials.
 - Solvents, Inorganic compounds, acids/alkalis, metals associated with the manufacturing process, waste management and water treatment.
 - Asbestos fibres associated with former onsite buildings and the insulation of heating systems within the former CHP plant.
 - PCBs associated with former electricity substations.
- Onsite Landfills & Infilled Ox Bow Lake.
- Stockpiled materials previously excavated from contamination 'hotspot' removal works.
- EA reported pollution incident associated with fuel oil overfilling.
- Ground gases and vapours (including mine gas).

8.2.2 Potential Off-Site Hazard Sources

Tower Farm landfill site and a series of mills located immediately offsite may give rise to a number of hazard sources including:

- Ground gases and vapours, and.
- Leaching of hazardous materials.



8.3 Contamination Pathways

Potential contamination pathways are listed below for a proposed residential end use:

- Dermal contact,
- Inhalation of vapours or dusts,
- Ingestion of soil and dusts,
- Ingestion of home grown fruit and vegetables (and soil attached),
- Leaching to surface run-off/drainage,
- Leaching to groundwater;
- Lateral and vertical migration of groundwater,
- Ground gas generation/accumulation; and,
- Migration along/into service conduits and pipe work.

8.4 Contamination Receptors

Receptors that may be affected by potential contamination for the future development are considered to be:

- Future site users (residential end users);
- Construction / maintenance workers;
- Surface waters (including the reservoir, adjacent watercourses and onsite culverts);
- Secondary A Aquifers (superficial soils and bedrock);
- Buildings / Services;
- Adjacent properties and land users; and,
- Neighbouring environmental receptors (River Irwell).

8.5 Ground Contamination Preliminary Risk Assessment

By considering the sources, pathways and receptors, a preliminary assessment of the environmental risk has been made with reference to the significance and degree of the risk. This assessment is based on consideration of whether the source contamination can reach a receptor and hence whether it is of significance (CIRIA C552).

The risk assessment has been carried out by assessing the severity of the potential consequence, the sensitivity of the target and the likelihood of occurrence, based on the categories given below (Tables 8.1 to 8.3).



A summary of the preliminary risk assessment for both on-site and off-site sources is given in Table 8.4.

Table 8.1 Potential Hazard Severity Definition

Category	Definition
Severe	Acute risks to human health, catastrophic damage to buildings/property, major pollution of controlled waters
Medium	Chronic risk to human health, pollution of sensitive controlled waters, significant effects on sensitive ecosystems or species.
Mild	Pollution of non sensitive waters, significant damage to buildings or structures
Minor	Requirement for protective equipment during site works to mitigate health effects, damage to non sensitive ecosystems or species, minor damage to buildings or structures

The likelihood of an event (probability) takes into account both the presence of the hazard and target and the integrity of the pathway and has been assessed based on the categories given below.

Table 8.2 Probability of Risk Definition

Category	Definition
High likelihood	Pollutant linkage may be present, and risk is almost certain to occur in long term, or there is evidence of harm to the receptor
Likely	Pollutant linkage may be present, and it is probable that the risk will occur over the long term
Low likelihood	Pollutant linkage may be present, and there is a possibility of the risk occurring, although there is no certainty that it will do so
Unlikely	Pollutant linkage may be present, but the circumstances under which harm would occur are improbable

The potential severity of the risk and the probability of the risk occurring have been combined in accordance with the following matrix in order to give a level of risk for each potential hazard.

Table 8.3 Level of Risk for Potential Hazard Definition

		Potential Severity			
		Severe	Medium	Mild	Minor
Probability of Risk	High Likelihood	High	High	Moderate	Low/Moderate
	Likely	High	Moderate	Low/Moderate	Low
	Low Likelihood	Moderate	Low/Moderate	Low	Low
	Unlikely	Low/Moderate	Low	Low	Low



8.6 Summary of Risk Assessment

The Preliminary Risk Assessment (PRA) is summarised as Table 8.4. The following risks have been identified in relation to the different on and off site sources of contamination:

1. A **high** risk is posed to:
 - Future site users in relation to ground gas from on site sources.
2. A **moderate** risk is posed to:
 - Future site users and surface waters from the site's industrial use, backfilled features and stockpiled materials
 - Adjacent properties from onsite land-filling activities.
 - Future site users from the hydrocarbon spill.
 - Secondary A aquifers beneath the site from off site sources.
 - Future site users and buildings in relation to the migration of ground gas from off site sources onto the site.
3. A **low to moderate** risk is posed to:
 - The aquifers, adjacent properties and building & services from the site's industrial uses and stockpiled materials
 - The aquifers and building & services in relation to land-filling activities.
 - Controlled waters from the hydrocarbon spill.
4. A **low** risk is posed to:
 - Construction workers from all sources.
 - Future buildings & services from the hydrocarbon spill.
 - Future site users and construction workers from off site sources.



Table 8.4 Preliminary Contaminated Land Risk Assessment

ON SITE SOURCES						
Source	Pathway	Receptor	Justification	Severity	Probability	Risk
Ground Conditions –Made Ground & contaminants related to historical site usage	Dermal contact, ingestion and/or inhalation of vapours or dusts	Human Health – Future site users (Residential)	The historical usage of the site could potentially have given rise to numerous contaminants. The probability of future site users coming into contact with contaminated materials is based on the likelihood of it being present. Previous risk assessments have been undertaken for the site but we have not had these reports made available. We have therefore assumed that the screening values used are no longer considered appropriate.	Medium	Likely	Moderate
		Human Health – Construction Workers equipped with PPE	The risk rating is based on the above with mitigation measures in place such as good working practices, subcontractor risk assessments and PPE.	Medium	Unlikely	Low
	Leaching, and lateral and vertical migration of surface and ground waters	Controlled Waters (surface waters)	If contamination is present on site the likelihood is that some of the contaminants will be mobile. There are a number of surface waters on and adjacent to the site.	Medium	Likely	Moderate
		Controlled Waters (Secondary A Aquifer)	The superficial soils and bedrock beneath the site are classified as Secondary A Aquifers. The superficial soil is granular in places and therefore a preferential pathway may be present between sources and receptors.	Medium	Low	Low to Moderate
		Adjacent Properties and Land Users	The risk rating is based on the historical use of the site, numerous identified pathways and the proximity of residential properties on the north, east and western site boundaries.	Medium	Likely	Low to Moderate
	Migration along/into service conduits and pipe work	Buildings and services	The risk rating is based on the potential for mobile contaminants & leachate generation. Given the historical use of the site there is potential for an abundance of underground ducting to act as preferential pathways for possible contamination mobilisation.	Mild	Low	Low to Moderate



ON SITE SOURCES						
Source	Pathway	Receptor	Justification	Severity	Probability	Risk
Ground Conditions – Landfills & Backfilled Features	Dermal contact, ingestion and/or inhalation of vapours or dusts	Human Health – Future site users (Residential)	The landfilling on the south east and beneath the former paper mill may pose a risk to future site users in these areas particularly at shallow depth	Medium	Likely	Moderate
		Human Health – Construction Workers equipped with PPE	The risk rating is based on the above with mitigation measures in place such as good working practices, subcontractor risk assessments and PPE.	Medium	Unlikely	Low
	Leaching, and lateral and vertical migration of surface and ground waters	Controlled Waters (surface waters)	The landfills may be generating leachate, Given the potential high permeability of site materials the potential exists for migration to the surface waters	Medium	Likely	Moderate
		Controlled Waters (Secondary A Aquifer)	The superficial and bedrock deposits beneath the site are classified as a Secondary A Aquifer. The superficial is granular in places and therefore a preferential pathway may be present between the source and receptor.	Medium	Low	Low to Moderate
		Adjacent Properties and Land Users	The risk rating is based on the historical use of the site, numerous identified pathways. The adjacent land uses are not particularly sensitive (where not covered in controlled waters)	Mild	Likely	Moderate
	Migration along/into service conduits and pipe work	Buildings and services	The risk rating is based on the potential for mobile contaminants to be present associated with historical use. Given the historical use of the site there is potential for an abundance of underground ducting to act as preferential pathways for possible contamination mobilisation.	Mild	Low	Low to Moderate
Ground Conditions – Localised Stockpiled Material	Dermal contact, ingestion and/or inhalation of vapours or dusts	Human Health – Future site users (Residential)	The stockpiled material needs to be managed. It is understood to be material excavated during hotspot removal works.	Medium	Likely	Moderate
		Human Health – Construction Workers equipped with PPE	The risk rating is based on the above with mitigation measures in place such as good working practices, contractor risk assessments and PPE.	Medium	Unlikely	Low
	Leaching, and lateral and vertical migration of surface and ground waters	Controlled Waters (surface waters)	The stockpile may contain leachable contaminants which may be leaching into the ground to adjacent watercourses via the drainage or direct run off / infiltration.	Medium	Likely	Moderate
		Controlled Waters (Secondary A Aquifer)	The superficial and bedrock deposits beneath the site are classified as Secondary A Aquifers. The superficial soil is	Medium	Low	Low to Moderate



ON SITE SOURCES						
Source	Pathway	Receptor	Justification	Severity	Probability	Risk
			granular in places and therefore a preferential pathway may be present between the source and receptor.			
		Adjacent Properties and Land Users	The risk rating is based on the historical use of the site, numerous identified pathways. The adjacent land uses are not particularly sensitive (where not covered in controlled waters)	Mild	Likely	Moderate
	Migration along/into service conduits and pipe work	Buildings and services	The risk rating is based on the potential for mobile contaminants to be present associated with historical use. Given the historical use of the site there is potential for an abundance of underground ducting to act as preferential pathways for possible contamination mobilisation.	Mild	Low	Low to Moderate
Pollution incident relating to hydrocarbons in the south west corner	Dermal contact, ingestion and/or inhalation of vapours or dusts	Human Health – Future site users (Residential)	The potential exists for free phase hydrocarbons to be present in near surface soils.	Medium	Likely	Moderate
		Human Health – Construction Workers equipped with PPE	The risk rating is based on the above with mitigation measures in place such as good working practices, subcontractor risk assessments and PPE.	Medium	Unlikely	Low
	Leaching, and lateral and vertical migration of surface and ground waters	Controlled Waters (surface waters)	Although the spillage was minor it may have got into the local drainage. Any impact is likely to have passed unless it is migrating through the soil directly into the river.	Medium	Low	Low to Moderate
		Controlled Waters (Secondary A Aquifer)	The superficial and bedrock deposits beneath the site are classified as a Secondary A Aquifer. The superficial is granular in places and therefore a preferential pathway may be present between the source and receptor.	Medium	Low	Low to Moderate
		Adjacent Properties and Land Users	The risk rating is based on the historical use of the site, numerous identified pathways. The adjacent land uses are not particularly sensitive (where not covered in controlled waters)	Mild	Low	Low
	Migration along/into service conduits and pipe work	Buildings and services	The risk rating is based on the potential for mobile contaminants to be present associated with the spill. Given the historical use of the site there is potential for an abundance of underground ducting to act as preferential pathways for possible contamination mobilisation.	Mild	Low	Low



ON SITE SOURCES						
Source	Pathway	Receptor	Justification	Severity	Probability	Risk
Ground gas – Possible presence of Made Ground & Volatile Contaminants	Generation and migration / accumulation of ground gases	Human Health – Future Residential site users and commercial works	The preliminary risk is worst case based on significant Made Ground deposits being present beneath the site. The historical ground gas monitoring showed that ground gas protection measures would be required. The risk has been rated prior to any such mitigation.	Severe (Asphyxiation & Explosion)	High	High
		Buildings and services		Severe (Explosion)	High	High
Ground gas – Mine Gas	Generation and migration / accumulation of ground gases	Human Health – Future Residential site users and commercial works	There are potential open mine workings beneath the site and a fault near surface which may act as a pathway for migration. The Coal Authority has no records of mine gas emissions at the site.	Severe (Asphyxiation & Explosion)	High	High
		Buildings and services		Medium (Explosion)	Likely	Moderate



OFF SITE SOURCES						
Source	Pathway	Receptor	Justification	Severity	Probability	Risk
Soil and groundwater contamination associated with historical uses (Tower Farm Landfill)	Dermal contact, ingestion and/or inhalation of vapours or dusts.	Human Health – Future onsite residents and construction Workers	This risk is based on the proximity of identified offsite sources .	Mild	Low	Low
	Migration via surface waters					
	Lateral migration via the Aquifers and leachate	Groundwater beneath the site		Medium	Likely	Moderate
Ground gas – Possible presence of Made Ground & Volatile Contaminants	Generation and migration / accumulation of ground gases	Human Health – Future onsite residents and construction workers.	This risk is based on the probability of ground gas being present on the site from offsite sources. The potential exists for the backfilled Goit on the south east of the site to be a preferential pathway for ground gases.	Severe (Asphyxiation & Explosion)	Low	Moderate
		Buildings and services		Severe (Explosion)	Low likelihood	Moderate



9.0 PRELIMINARY GEOTECHNICAL ASSESSMENT

The site is extensively underlain by Made Ground deposits. The potential exists for obstructions to be present following site decommissioning (including culverted water courses). Ground conditions towards the south of the site have been identified to comprise alluvium and the natural ground may be soft. A shallow water table is expected towards the south of the site, neighbouring the River Irwell. A perched water may be present at shallow depth in the Made Ground deposits.

The Made Ground is not expected to be suitable for supporting foundations. Standard house foundations cannot be used if the Made Ground is more than approximately 1m thick or if the underlying natural soils are too soft. In these cases, deeper footings constructed using trench fill techniques may be feasible (dependent on ground water conditions and soil type). If soft, loose, granular or wet soil deposits extend to depth, piled foundations or ground improvement are likely to be necessary.

With reference to the Preliminary Coal Mining Risk Assessment (presented as Appendix F) the stability of the site is at risk from historical mine workings which should be investigated further.



10.0 CONCLUSIONS & RECOMMENDATIONS

10.1 Conclusions

The preliminary CSM has indicated that Made Ground deposits have been encountered extensively across the entire site. Superficial deposits at the site comprise Glaciofluvial sheet deposits in the north with Alluvium and River Terrace Deposits in the south towards the River Irwell. Glacial Till deposits have been identified immediately above the underlying Coal Measures bedrock.

The site has a complex history of industrial use including a printing works, a brewery, former mills, CHP plant and the East Lancashire Paper Mill which was reportedly closed in 1998 and demolished in 2005.

Other investigators have identified numerous potential on-site contaminative sources. Tower Farm landfill identified close to the southeast part of the site has the potential to impact the ground conditions on site, via migration of ground gas and leachate. Some remedial works have been undertaken on the site.

10.2 Constraints

The following potential development constraints have been identified:

- Significant thickness of Made Ground including the identified landfill on the southeast of the site.
- The likely presence of existing foundations / slabs and other below ground structures.
- Potential for ground contamination and asbestos containing materials associated with former industrial use.
- Historical landfills (on and adjacent to the site).
- Existing culverts (Hutchinson's Goit and Crow Tree Farm Brook) crossing the site.
- The Mersey Valley Sludge Pipeline located on the southeast of the site.
- Identified on-site reservoir with potential slurry / sludge content.
- Possible shallow groundwater table and soft alluvium, notably towards the south of the site.
- The site within a Development High Risk Area with evidence for worked coal seams beneath the site.



A summary constraints plan is included as Figure 4.

10.3 Recommendations

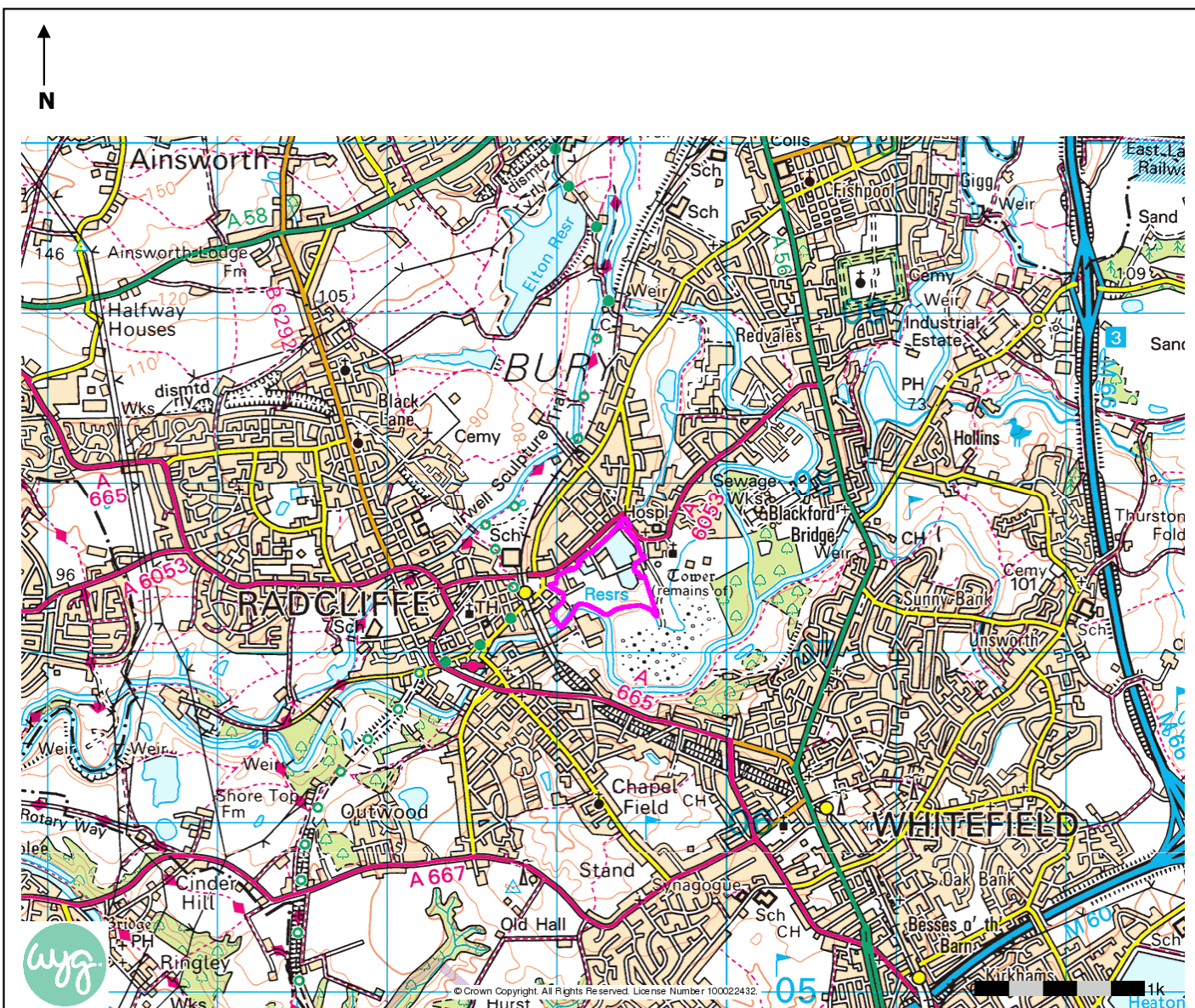
We believe that a further ground investigation is likely to be required at outline planning stage to provide confidence that the site can be developed for a residential end use.

It is recommended that the following ground investigation be undertaken to refine the risks and potential development constraints:

- Five days of dynamic sampling boreholes (approximately 26 no. holes to a maximum depth of 5m) with in-situ geotechnical testing (SPTs) and sampling for geotechnical and chemical testing. Selected dynamic sampling holes will be installed with gas and groundwater monitoring wells, the depth of which will be dependent on the type of pathway targeted (ground gas or groundwater).
- Eight days of trial pits (approximately 40 no. locations to a maximum depth of 3m bgl) with samples for geo-chemical and geotechnical testing.
- Five cable percussion boreholes (to a maximum depth of 20m, where possible) with in-situ geotechnical testing (SPTs) and sampling for geotechnical and chemical testing. Selected boreholes will be installed with gas and groundwater monitoring wells, the depth of which will be dependent on the type of pathway targeted (ground gas or groundwater).
- Excavation of hand pits (to a maximum depth of 1m bgl) to target areas of poor access.
- Geo-chemical laboratory analysis of selected soil samples for a range of potential contaminants based on the historical use of the site and reference to DEFRA Industrial Profile for Pulp and Paper Manufacturing Works.
- Geo-chemical laboratory analysis of selected groundwater and surface water samples for a range of potential contaminants based on the historical use of the site and reference to DEFRA Industrial Profile for Pulp and Paper Manufacturing Works.
- Geotechnical testing to inform the engineering properties of the soils.

A Proposed Exploratory Hole Location Plan is presented as Figure 5. It is also recommended that additional site investigation works associated with the coal mining risk assessment are undertaken. Further details are given in Appendix F.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



Key: Site Boundary

Quay West at MediaCity UK
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Manchester M17 1HH

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Environmental Consultancy
Ground Technologies & Investigation



Project: East
Lancashire Paper Mill

Client: Homes and
Communities Agency

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Figure 1 – Site Location Plan

Project No: A090070-193

Date: December 2016

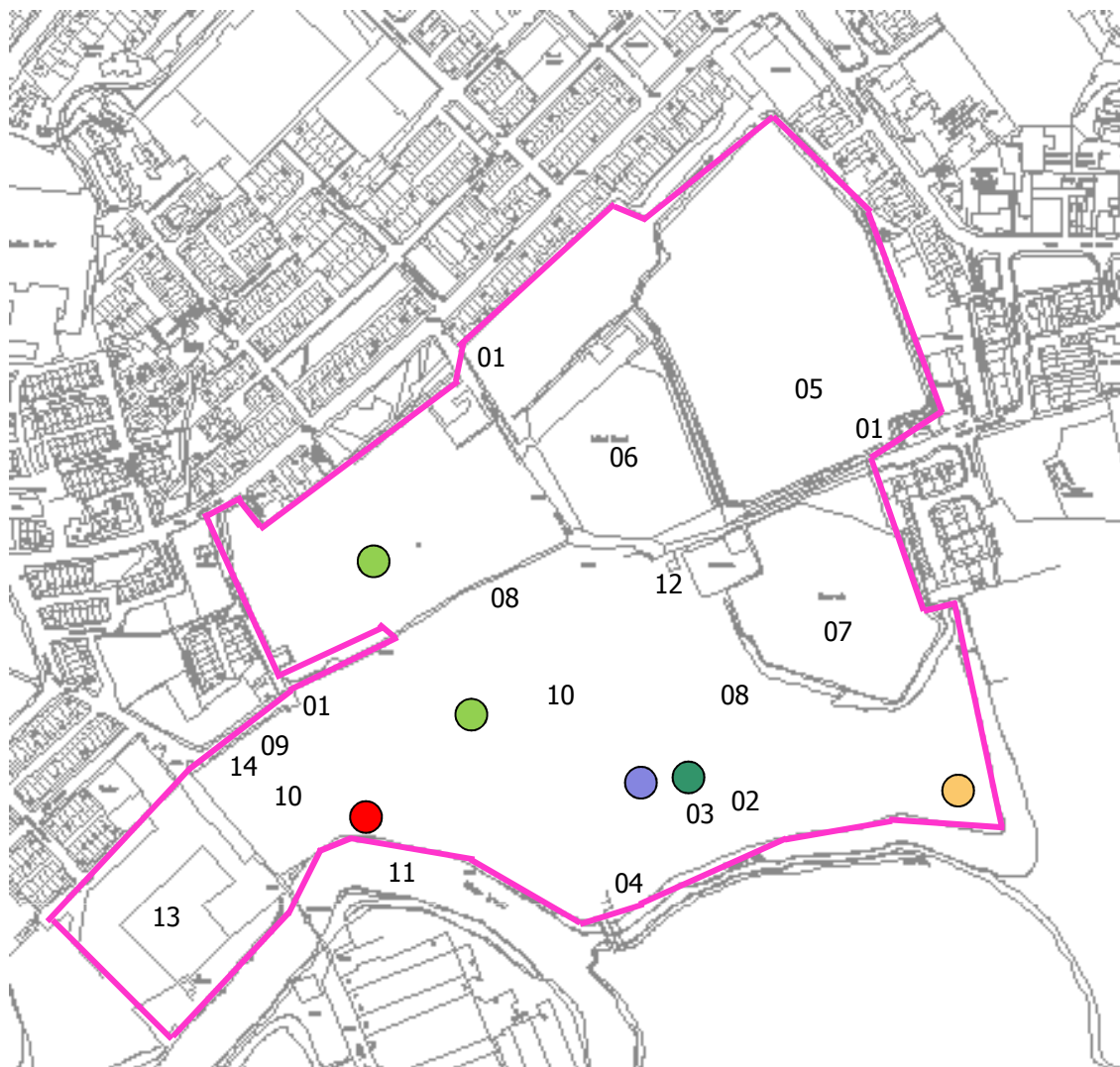


Photo key:

- Photo 01: Site entrance via Rectory Lane, Croft Lane or Church Street East.
- Photo 02: Areas of standing water
- Photo 03: Areas of standing water
- Photo 04: Concrete hard standing associated with the former land use
- Photo 05: Areas of standing water
- Photo 06: East Lancashire Paper Mill Cricket Pitch
- Photo 07: Onsite reservoir
- Photo 08: Public access routes
- Photo 09: Areas of localised fly-tipped waste
- Photo 10: Stockpiles/mounds associated with onsite remediation works.
- Photo 11: River Irwell
- Photo 12: Gas pipe work remaining *in-situ*
- Photo 13: Concrete hard standing associated with the former Wilton Mill
- Photo 14: Area of public squatting

Pollution incident to controlled waters – Oils



Previously identified Total Petroleum Hydrocarbon (TPH) contamination



Previously identified Lead contamination



Boiler House Landfill



Site remediation undertaken by Encia



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Ground Technologies & Investigation



Project: East Lancashire Paper Mill

Client: Homes and Communities Agency

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Figure 2 – Site Plan

Project No: A090070-193

Date: December 2016

KEY

- MADE GROUND
- LANDFILL
- ALLUVIUM
- RIVER TERRACE DEPOSITS
- GLACIAL TILL
- BEDROCK COAL MEASURES
- COAL SEAMS (POTENTIAL OPEN WORKINGS)
- GROUNDWATER TABLE

SOURCES

- STOCKPILED WASTE - FORMER HOTSPOTS
- HYDROCARBONS
- ASBESTOS
- INORGANIC HOTSPOTS

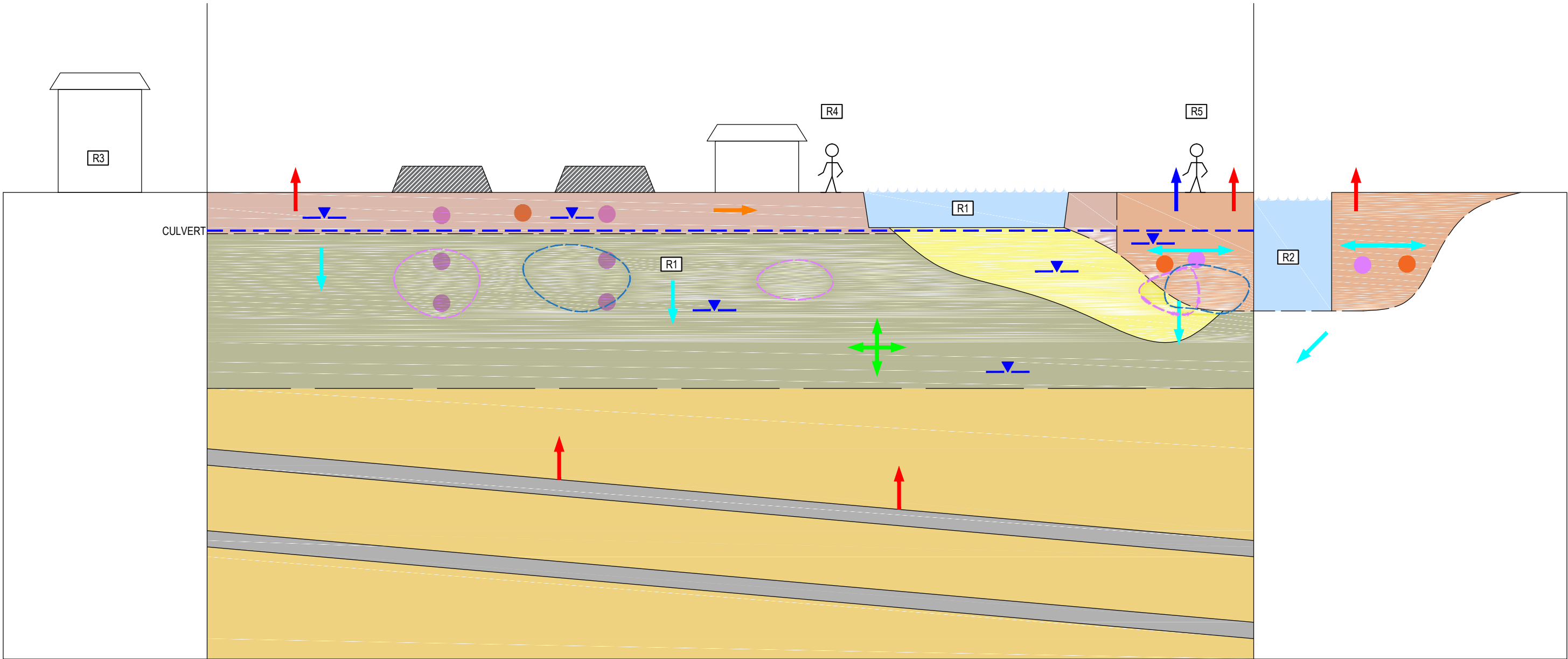
PATHWAYS

- GROUND GAS & VAPOUR MIGRATION
- DERMAL CONTACT
- MIGRATION ALONG DUCTS
- LEACHING
- DIRECT CONTACT & INGESTION VIA PLANT UPTAKE
- LATERAL & VERTICAL MIGRATION OF GROUNDWATER

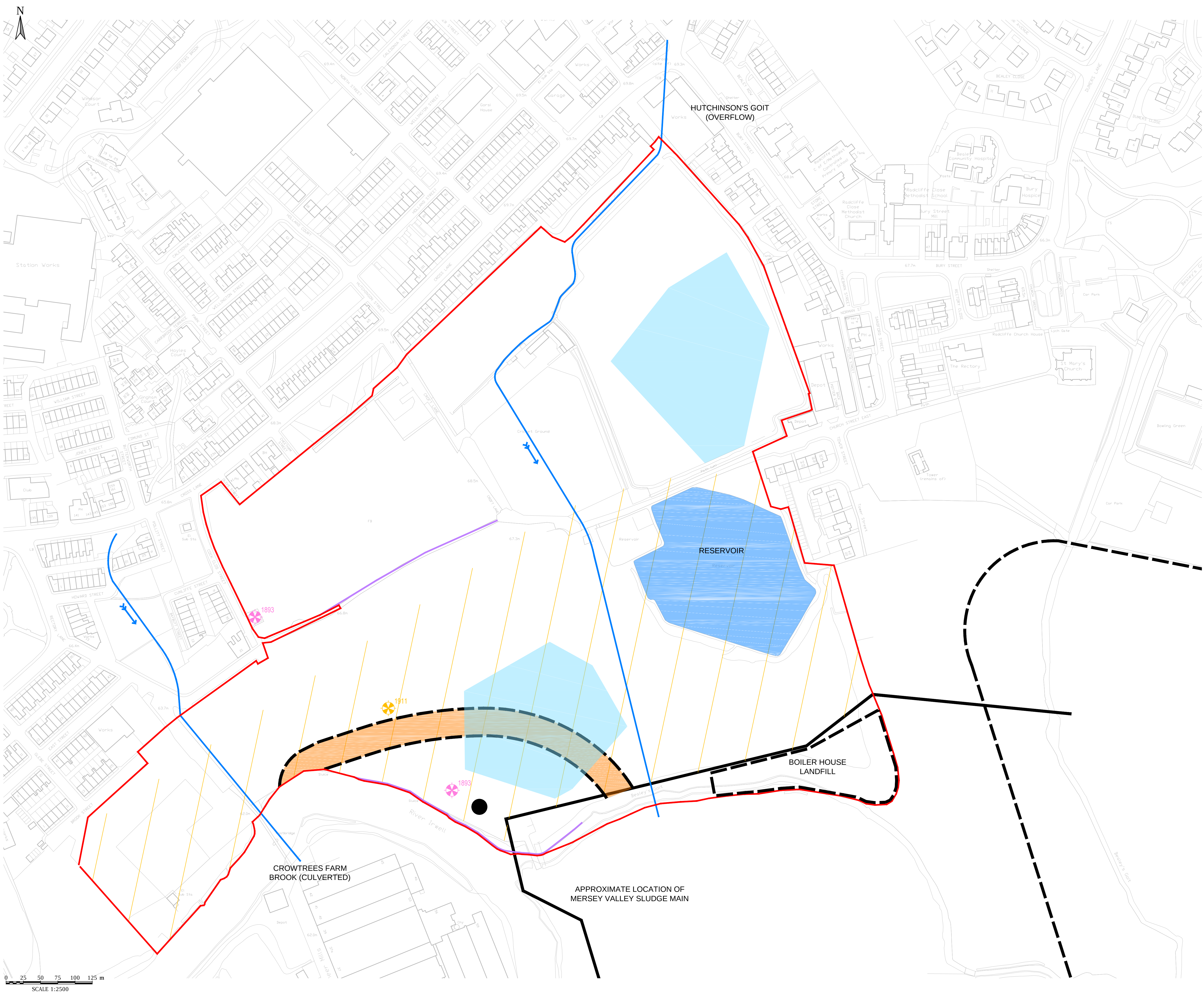
RECEPTORS

DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

- R1 SURFACE WATERS: ON-SITE RESERVOIR & COVERED WATERCOURSE
- R2 RIVER IRWELL
- R3 NEIGHBOURING RESIDENTS
- R4 FUTURE SITE USERS
- R5 DEVELOPMENT WORKERS



REV	DESCRIPTION				BY	CHK	APP	DATE
	Scale @ A3 N.T.S	Drawn LAJ	Date 09.12.16	Checked	Date	Approved	Date	
	Project No. A090070-193	Office LDS	Type N	Drawing No. FIG.3	Revision			



DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

KEY

SITE BOUNDARY

1893 WELLS

1911 SHAFT

UNKNOWN FEATURE

BACK-FILLED OX-BOW LAKE

RETAINING WALL

RESERVOIR

STANDING WATER

SOFT CLAY (ALLUVIUM)

SITE WIDE ISSUES

- EXTENSIVE HISTORICAL POTENTIALLY CONTAMINATIVE LAND USES
- SITE WIDE MADE GROUND DEPOSITS
- SHALLOW COAL SEAMS
- SOFT CLAY (ALLUVIUM)
- POTENTIAL OPEN WORKINGS

REV	DESCRIPTION	BY	CHK	APP	DATE
Client: HOMES & COMMUNITIES AGENCY					

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TRAFFORD WHARF ROAD,
TRAFFORD PARK,
MANCHESTER,
M17 1HH
TEL: +44 (0)161 872 3223
FAX: +44 (0)161 872 3193
e-mail: enviro@wyg.com

Project: A090070-193
EAST LANCASHIRE PAPER MILL
PHASE 1 GEO-ENVIRONMENTAL DESK STUDY

Drawing Title:
DEVELOPMENT CONSTRAINTS PLAN

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1:1250	LAJ	09.12.16					
Project No.	Office	Type	Drawing No.	Revision			
A090070-193	LDS	N	FIG 4				

N

0255075100125 m

SCALE 1:2500

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DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

- KEY - PROPOSED GI
- TP TRIAL PITS
 - DS DYNAMIC SAMPLING BOREHOLES
 - BH CABLE PERCUSSIVE BOREHOLES
 - HP HAND PITS
 - WATER
 - POOR ACCESS
 - STOCKPILES

REV	DESCRIPTION	BY	CHK	APP	DATE
Client: HOMES & COMMUNITIES AGENCY					

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Project: A090070-193
EAST LANCASHIRE PAPER MILL,
PHASE 1 GEO-ENVIRONMENTAL DESK STUDY

Drawing Title:
PROPOSED INTRUSIVE LOCATION PLAN

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1:1250	LAJ	09.12.16					
Project No.	Office	Type	Drawing No.	Revision			
A090070-193	LDS	N	FIG 5				



Appendix A – Report Conditions



WYG ENVIRONMENT

C1 - REPORT CONDITIONS
(Environmental Assessment)

This report is produced solely for the benefit of the **Homes & Communities Agency** and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to WYG. In time improved practices, fresh information or amended legislation may necessitate a re-assessment. Opinions and information provided in this report are on the basis of WYG using due skill and care in the preparation of the report.

This report refers, within the limitations stated, to the environment of the site in the context of the surrounding area at the time of the inspections. Environmental conditions can vary and no warranty is given as to the possibility of changes in the environment of the site and surrounding area at differing times.

This report is limited to those aspects reported on, within the scope and limits agreed with the client under our appointment. It is necessarily restricted and no liability is accepted for any other aspect. It is based on the information sources indicated in the report. Some of the opinions are based on unconfirmed data and information and are presented as the best obtained within the scope for this report.

Reliance has been placed on the documents and information supplied to WYG by others but no independent verification of these has been made and no warranty is given on them. No liability is accepted or warranty given in relation to the performance, reliability, standing etc of any products, services, organisations or companies referred to in this report.

Whilst skill and care have been used, no investigative method can eliminate the possibility of obtaining partially imprecise, incomplete or not fully representative information. Any monitoring or survey work undertaken as part of the commission will have been subject to limitations, including for example timescale, seasonal and weather related conditions.

Although care is taken to select monitoring and survey periods that are typical of the environmental conditions being measured, within the overall reporting programme constraints, measured conditions may not be fully representative of the actual conditions. Any predictive or modelling work, undertaken as part of the commission will be subject to limitations including the representativeness of data used by the model and the assumptions inherent within the approach used. Actual environmental conditions are typically more complex and variable than the investigative, predictive and modelling approaches indicate in practice, and the output of such approaches cannot be relied upon as a comprehensive or accurate indicator of future conditions.

The potential influence of our assessment and report on other aspects of any development or future planning requires evaluation by other involved parties.

The performance of environmental protection measures and of buildings and other structures in relation to acoustics, vibration, noise mitigation and other environmental issues is influenced to a large extent by the degree to which the relevant environmental considerations are incorporated into the final design and specifications and the quality of workmanship and compliance with the specifications on site during construction. WYG accept no liability for issues with performance arising from such factors

November 2008
WYG Environment Planning Transport Ltd



Appendix B – Site Walkover Photographs



Photo 01: Site entrance of East Lancashire Paper Mill located on Church Street East off Rectory Lane.



Photo 02: Ground conditions were noted to be heavily overgrown in places across the site.

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E-mail enquiries @wyg.com**

**Environmental Consultancy
Ground Technologies & Investigation**



Project : East Lancashire Paper Mill

Client: Homes and Communities Agency

Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Photo 03: Giant Hogweed was noted across the site, notably along The River Irwell south of the site.



Photo 04: Foundations associated with the former use were noted in multiple locations across the site.

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Client: Homes and Communities Agency

Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Photo 05: Standing water was noted across the site, predominately located towards the south.



Photo 06: An onsite cricket pitch was observed towards the north of the site and understood to be used by ELPM CC

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Ground Technologies & Investigation**



Project : East Lancashire Paper Mill

Client: Homes and Communities Agency

Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Photo 07: A reservoir of unknown depth was identified onsite and towards the eastern site boundary.



Photo 08: Numerous public access routes were identified within the site boundary.

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Client: Homes and Communities Agency

Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Photo 09: An abundance of fly-tipped waste was identified towards the northern site boundary, off Church Street East.



Photo 10: Numerous stockpiles were identified across the site

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Site Walkover Photographs

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Date: December 2016



Photo 11: The River Irwell is located immediately south of the site and noted to be flowing towards the west.



Photo 12: Onsite utilities were identified across the site including gas pipeline located towards the eastern boundary.

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Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Photo 13: Concrete hard standing associated with a former mill towards the southwest of the site.



Photo 14: Evidence of public squatting was observed upon the day of site inspection.

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**Environmental Consultancy
Ground Technologies & Investigation**



Project : East Lancashire Paper Mill

Client: Homes and Communities Agency

Site Walkover Photographs

Project No.: A090070-193

Date: December 2016



Appendix C – Environmental Database Records



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

103935048_1_1

Customer Reference:

A090070-193_DB

National Grid Reference:

379290, 407410

Slice:

A

Site Area (Ha):

19.06

Search Buffer (m):

1000

Site Details:

Site at 379250, 407450

Client Details:

Ms C Martin
WYG Environment Planning Transport Ltd
Quay West
Trafford Park Road
Salford Quays
Manchester
M17 1HH



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	54
Hazardous Substances	66
Geological	67
Industrial Land Use	80
Sensitive Land Use	131
Data Currency	132
Data Suppliers	137
Useful Contacts	138

Introduction

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

In 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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Report Version v50.0



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 5	2	9	15	42
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices	pg 22	1			
Integrated Pollution Controls	pg 22	8			8
Integrated Pollution Prevention And Control	pg 25		2		5
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 27		3	9	8
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 29	Yes			
Pollution Incidents to Controlled Waters	pg 29	4	2	5	25
Prosecutions Relating to Authorised Processes	pg 35			1	1
Registered Radioactive Substances					
River Quality	pg 36		1		2
River Quality Biology Sampling Points	pg 36				1
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 36				2
Water Abstractions	pg 37		2	2	8 (*31)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 47	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 47	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 47	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 48	Yes	Yes	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
Detailed River Network Lines	pg 48	Yes	Yes	Yes	n/a
Detailed River Network Offline Drainage	pg 52	Yes			n/a



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 54				3
Historical Landfill Sites	pg 54	3		4	5
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 56		1		
Licensed Waste Management Facilities (Locations)	pg 57			1	2
Local Authority Landfill Coverage	pg 57	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 57		1	2	9
Potentially Infilled Land (Water)	pg 58	4	2	11	25
Registered Landfill Sites	pg 60	1	4		
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 65				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 66				1
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 67	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 67	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 76		2	3	8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 78	Yes	n/a	n/a	n/a
Mining Instability	pg 78	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 78	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 78	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 78	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 79	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 79	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 80	2	86	76	136
Fuel Station Entries	pg 106			2	3
Points of Interest - Commercial Services	pg 106		20	18	30
Points of Interest - Education and Health	pg 112		1		
Points of Interest - Manufacturing and Production	pg 112	11	40	23	71
Points of Interest - Public Infrastructure	pg 124	16	4	21	25
Points of Interest - Recreational and Environmental	pg 130		2	3	3
Gas Pipelines					
Underground Electrical Cables					



Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 131	1		1	1
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE (NW)	0	2	379250 407450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE (SW)	0	2	379200 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (SW)	0	2	379100 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (N)	0	2	379288 407550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (NE)	0	2	379350 407550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (W)	0	2	379250 407414
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (S)	0	2	379288 407414
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (E)	0	2	379400 407414
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (N)	0	2	379300 407700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	0	2	379288 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	0	2	379450 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	0	2	379300 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (E)	0	2	379300 407414
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (E)	0	2	379450 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	0	2	379400 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (N)	0	2	379288 407650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	8	2	379350 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	14	2	379450 407200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	20	2	379400 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NW (S)	24	2	379300 407200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	55	2	379100 407100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	56	2	379000 407100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (E)	67	2	379650 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (SW)	70	2	378900 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	70	2	379400 407200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	87	2	379350 407150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	100	2	379050 407050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (SW)	103	2	379100 407050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	107	2	378850 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	117	2	378850 407450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	124	2	379150 407050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	129	2	379700 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	144	2	379700 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (SW)	150	2	379050 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	152	2	379150 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	182	2	378850 407550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	194	2	379200 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	202	2	379000 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6SW (SW)	204	2	378800 407100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (S)	213	2	379288 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6SE (SW)	214	2	378950 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	224	2	379288 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (E)	225	2	379800 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (NW)	239	2	378950 407700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (SW)	250	2	379050 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	251	2	379000 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	251	2	379100 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	262	2	378700 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SE)	283	2	379850 407100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SE)	300	2	379800 407000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	300	2	379100 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (SW)	301	2	379000 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	307	2	379850 407050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SE)	309	2	379750 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6SE (S)	309	2	379150 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (SW)	309	2	378950 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (E)	309	2	379900 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (E)	311	2	379900 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SW (S)	314	2	379400 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	315	2	379900 407150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	320	2	378650 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	323	2	378650 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	327	2	379350 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	329	2	379900 407100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	333	2	379700 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SW (S)	336	2	379350 406850



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	337	2	379800 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SW (NW)	346	2	378900 407800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6SE (S)	351	2	379100 406800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	353	2	379750 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (E)	359	2	379950 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	361	2	378600 407350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	366	2	379500 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NW (W)	370	2	378600 407250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NW (W)	372	2	378600 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (NW)	373	2	378850 407800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	377	2	379950 407100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	384	2	378900 407850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (NW)	390	2	378750 407750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	396	2	379700 408050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	397	2	379650 408100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (NE)	405	2	379750 408000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	409	2	379350 408200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (E)	409	2	380000 407400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SW (NE)	410	2	379600 408150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A5NE (W)	420	2	378550 407200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (E)	425	2	380000 407414
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SE (SE)	429	2	379700 406800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	435	2	379400 406800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A2NE (S)	436	2	379250 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A2NE (S)	437	2	379050 406700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	441	2	379900 406900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (NE)	445	2	379800 408000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SE)	447	2	379850 406850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A2NE (S)	456	2	379150 406700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (E)	459	2	380050 407300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A3NW (S)	464	2	379550 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A3NW (SE)	464	2	379600 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SE)	465	2	379800 406800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A3NW (S)	466	2	379500 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A2NE (S)	467	2	379200 406700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	467	2	379700 408150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A3NE (SE)	469	2	379650 406750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	487	2	380000 406950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A2NE (S)	500	2	379150 406650
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church St East, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 01BRY0031 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 30th May 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: River Irwell Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	0	3	379090 407250



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Ainsworth Rd, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0129 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	0	3	379090 407245
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Milltown St, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0061 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	31	3	379120 407220
1	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Milltown St, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0061 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	31	3	379120 407220
2	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church St East, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993586 Permit Version: 1 Effective Date: 31st May 2006 Issued Date: 31st May 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Of River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A6NE (W)	2	3	379040 407340



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: P & F Properties Limited Property Type: MAKING OF PAPER+PAPER PRODUCTS Location: Church St East, Radcliffe, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016993109 Permit Version: 1 Effective Date: 19th December 1995 Issued Date: Not Supplied Revocation Date: 1st January 2004 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Consent revoked: Discharge ceased (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A6NE (S)	14	3	379220 407250
4	Discharge Consents Operator: Irwell Valley Housing Association Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Irwell Valley Ha Development Swo, Butterworth Street, Radcliffe, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016991037 Permit Version: 1 Effective Date: 30th September 1985 Issued Date: Not Supplied Revocation Date: 15th February 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Crow Trees Farm Brook Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A10SE (W)	38	3	379000 407500
5	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Milltown St, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982126 Permit Version: 1 Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A6SE (SW)	92	3	379120 407120
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso Church Street West, Radcliffe, Manchester, Lancashire, M26 2sy Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0029 Permit Version: 3 Effective Date: 5th February 2016 Issued Date: 5th February 2016 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	226	3	378780 407090



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso Church Street West, Radcliffe, Manchester, Lancashire, M26 2sy Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0029 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 4th February 2016 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	226	3	378780 407090
6	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso Church Street West, Radcliffe, Manchester, Lancashire, M26 2sy Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0029 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	226	3	378780 407090
7	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982932 Permit Version: 4 Effective Date: 1st April 2015 Issued Date: 27th November 2014 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	333	3	378664 407082
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0035 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 30th March 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	435	3	378635 406935



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0036 Permit Version: 2 Effective Date: 1st October 2011 Issued Date: 26th March 2010 Revocation Date: 31st October 2012 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	436	3	378630 406940
8	Discharge Consents Operator: North West Water Limited Property Type: Not Given Location: Stand Lane, RADCLIFFE Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: BRY0035 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	436	3	378630 406940
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0036 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 30th September 2011 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	439	3	378630 406935
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0030 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	448	3	378600 406960



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982932 Permit Version: 3 Effective Date: 31st March 2015 Issued Date: 19th March 2010 Revocation Date: 31st March 2015 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	448	3	378600 406960
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016982932 Permit Version: 1 Effective Date: 14th June 1995 Issued Date: Not Supplied Revocation Date: 7th November 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	448	3	378600 406960
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982932 Permit Version: 2 Effective Date: 8th November 1995 Issued Date: Not Supplied Revocation Date: 31st March 2015 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	448	3	378600 406960
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0035 Permit Version: 4 Effective Date: 1st November 2011 Issued Date: 29th March 2012 Revocation Date: 9th November 2012 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	450	3	378620 406930



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0035 Permit Version: 2 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 31st October 2011 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	450	3	378620 406930
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0030 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	451	3	378600 406955
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0056 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	454	3	378600 406950
8	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Church Street West Cso, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0056 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	454	3	378600 406950



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Stand Lane, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0036 Permit Version: 3 Effective Date: 1st November 2012 Issued Date: 2nd March 2012 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A6SW (SW)	477	3	378603 406907
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950033 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A12SW (NE)	576	3	380040 407805
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 8 Effective Date: 15th December 2008 Issued Date: 15th December 2008 Revocation Date: 30th December 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 9 Effective Date: 31st December 2008 Issued Date: 15th December 2008 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 10 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 6 Effective Date: 31st December 2000 Issued Date: 31st December 2000 Revocation Date: 31st March 2004 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 6 Effective Date: 31st December 2000 Issued Date: 31st December 2000 Revocation Date: 31st March 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 7 Effective Date: 1st April 2004 Issued Date: 31st December 2000 Revocation Date: 14th December 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 7 Effective Date: 1st April 2004 Issued Date: 31st December 2000 Revocation Date: 14th December 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950033 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 29th August 1989 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950033 Permit Version: 5 Effective Date: 1st July 1990 Issued Date: Not Supplied Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 29th August 1989 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 3 Effective Date: 30th August 1989 Issued Date: Not Supplied Revocation Date: 12th February 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 3 Effective Date: 30th August 1989 Issued Date: Not Supplied Revocation Date: 12th February 1990 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 4 Effective Date: 13th February 1990 Issued Date: Not Supplied Revocation Date: 30th June 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 4 Effective Date: 13th February 1990 Issued Date: Not Supplied Revocation Date: 30th June 1990 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	578	3	380040 407810
10	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016950033 Permit Version: 5 Effective Date: 1st July 1990 Issued Date: Not Supplied Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	583	3	380045 407810
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 8 Effective Date: 15th December 2008 Issued Date: 15th December 2008 Revocation Date: 30th December 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 9 Effective Date: 31st December 2008 Issued Date: 15th December 2008 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 10 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 6 Effective Date: 31st December 2000 Issued Date: 31st December 2000 Revocation Date: 31st March 2004 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 7 Effective Date: 1st April 2004 Issued Date: 31st December 2000 Revocation Date: 14th December 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016950033 Permit Version: 5 Effective Date: 1st July 1990 Issued Date: Not Supplied Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 1 Effective Date: 12th January 1980 Issued Date: Not Supplied Revocation Date: 30th January 1985 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 2 Effective Date: 31st January 1985 Issued Date: Not Supplied Revocation Date: 29th August 1989 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 3 Effective Date: 30th August 1989 Issued Date: Not Supplied Revocation Date: 12th February 1990 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700
11	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Bury Stw Crossfield Street, Blackford Bridge, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 016950033 Permit Version: 4 Effective Date: 13th February 1990 Issued Date: Not Supplied Revocation Date: 30th June 1990 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12SW (E)	610	3	380110 407700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Mill St, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01bry0034 Permit Version: 1 Effective Date: 15th September 1993 Issued Date: Not Supplied Revocation Date: 15th September 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	687	3	378480 406730
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0060 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 13th April 2009 Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	701	3	380030 408115
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0060 Permit Version: 2 Effective Date: 14th April 2009 Issued Date: 14th April 2009 Revocation Date: 2nd July 2013 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	704	3	380030 408120
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0026 Permit Version: 1 Effective Date: 1st April 1991 Issued Date: 1st April 1991 Revocation Date: 31st December 1994 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	704	3	380030 408120



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 016982087 Permit Version: 1 Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	704	3	380030 408120
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0026 Permit Version: 4 Effective Date: 31st March 2013 Issued Date: 24th October 2012 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	706	3	380036 408115
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Supplied Reference: 01bry0026 Permit Version: 3 Effective Date: 23rd March 2010 Issued Date: 23rd March 2010 Revocation Date: 30th March 2013 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	706	3	380036 408115
13	Discharge Consents Operator: United Utilities Water Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Dumers Lane, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01BRY0026 Permit Version: 2 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 22nd March 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A12NW (NE)	706	3	380036 408115



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Lomax St, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993829 Permit Version: 1 Effective Date: 21st March 2006 Issued Date: 21st March 2006 Revocation Date: 30th January 2013 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	756	3	378450 406660
14	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Lomax St, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 01BRY0033 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 20th March 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	756	3	378450 406660
15	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Lomax St, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993829 Permit Version: 2 Effective Date: 31st January 2013 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irwell Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	796	3	378399 406657
16	Discharge Consents Operator: John Graham Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Barn At Crow Trees Farm, Withens Lane, Radcliffe, Manchester, M26 2ew Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993852 Permit Version: 1 Effective Date: 4th August 2006 Issued Date: 4th August 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A14SW (NW)	803	3	378850 408380



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Discharge Consents Operator: United Utilities Water Plc (?) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Dale St, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 016993830 Permit Version: 1 Effective Date: 21st March 2006 Issued Date: 21st March 2006 Revocation Date: 14th July 2014 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The River Irwell Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	882	3	378290 406650
17	Discharge Consents Operator: United Utilities Water Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Dale St, Bury Mdc, Radcliffe, Lancashire Authority: Environment Agency, North West Region Catchment Area: Irwell Reference: 01BRY0055 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: 1st January 1995 Revocation Date: 20th March 2006 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Irwell Status: Consent revoked or revised: New Consent issued (Section 37(1)) Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	882	3	378290 406650
18	Discharge Consents Operator: United Utilities Water Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Ainsworth Rd, Radcliffe, Bury, Greater Manchester Authority: Environment Agency, North West Region Catchment Area: Not Given Reference: 01bry0028 Permit Version: 1 Effective Date: 1st January 1995 Issued Date: Not Supplied Revocation Date: 25th October 1995 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Brook Culvert Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A9SW (W)	911	3	378050 407490
19	Enforcement and Prohibition Notices Location: Church Street, Radcliffe, MANCHESTER, Greater Manchester, M26 9PR Permit Reference: AA2933 Enforcement Date: 16th September 1994 Details: Concentration of particles emitted exceeded limits of Authority; under EPA90. Positional Accuracy: Unknown	A6NE (SW)	0	3	379218 407356
20	Integrated Pollution Controls Name: East Lancashire Paper Mill Co Ltd Location: Church Street East, Radcliffe, MANCHESTER, M26 2PG Authority: Environment Agency, North West Region Permit Reference: BH9701 Dated: 8th May 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.1 A (B) Paper and Pulp manufacturing processes within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Located by supplier to within 100m	A6NE (W)	0	3	379200 407400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	Integrated Pollution Controls Name: East Lancashire Paper Mill Co Ltd Location: Church Street East, Radcliffe, MANCHESTER, M26 2PG Authority: Environment Agency, North West Region Permit Reference: BD4651 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.1 A (B) Paper and Pulp manufacturing processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Located by supplier to within 100m	A6NE (W)	0	3	379200 407400
20	Integrated Pollution Controls Name: East Lancashire Paper Mill Co Ltd Location: Church Street East, Radcliffe, MANCHESTER, M26 2PG Authority: Environment Agency, North West Region Permit Reference: AU7702 Dated: 6th October 1997 Process Type: IPC new application Description: 6.1 A (B) Paper and Pulp manufacturing processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Located by supplier to within 100m	A6NE (W)	0	3	379200 407400
21	Integrated Pollution Controls Name: Scottish And Southern Energy Plc Location: East Lancashire Paper Mill Co Ltd, Ratcliffe, MANCHESTER, Greater Manchester, M26 9PR Authority: Environment Agency, North West Region Permit Reference: BD6921 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	0	3	379196 407352
21	Integrated Pollution Controls Name: Scottish And Southern Energy Plc Location: East Lancashire Paper Mill Co Ltd, Ratcliffe, MANCHESTER, Lancashire, M26 2EL Authority: Environment Agency, North West Region Permit Reference: AW6766 Dated: 16th January 1997 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	0	3	379191 407352
21	Integrated Pollution Controls Name: Scottish And Southern Energy Plc Location: East Lancashire Paper Mill Co Ltd, Radcliffe, MANCHESTER, M26 2EL Authority: Environment Agency, North West Region Permit Reference: AO5018 Dated: 18th November 1994 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	0	3	379191 407357
21	Integrated Pollution Controls Name: East Lancashire Paper Mill Co Ltd Location: Church Street East, Radcliffe, MANCHESTER, M26 2EL Authority: Environment Agency, North West Region Permit Reference: AH7763 Dated: 9th March 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address	A6NE (SW)	0	3	379218 407351



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Integrated Pollution Controls Name: East Lancashire Paper Mill Co Ltd Location: Church Street East, Radcliffe, MANCHESTER, Lancashire, M26 2EL Authority: Environment Agency, North West Region Permit Reference: AA2933 Dated: 10th June 1992 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Automatically positioned to the address	A6NE (SW)	0	3	379223 407351
22	Integrated Pollution Controls Name: Bpb Paperboard Ltd Location: BPB Radcliffe, Stand Lane, Radcliffe, MANCHESTER, Lancashire, M26 1LJ Authority: Environment Agency, North West Region Permit Reference: AU6854 Dated: 24th January 1997 Process Type: IPC new application Description: 6.1 A (B) Paper and Pulp manufacturing processes within Miscellaneous Industries Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	688	3	378800 406500
22	Integrated Pollution Controls Name: Bpb Paperboard Ltd Location: Radcliffe Mill, Stand Lane, MANCHESTER, Greater Manchester, M26 1GS Authority: Environment Agency, North West Region Permit Reference: BD4279 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 6.1 A (B) Paper and Pulp manufacturing processes within Miscellaneous Industries Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	693	3	378800 406495
23	Integrated Pollution Controls Name: Radcliffe Paper And Board Location: Johnson Street, Radcliffe, MANCHESTER, M26 1AW Authority: Environment Agency, North West Region Permit Reference: AK0154 Dated: 5th November 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	794	3	378584 406491
23	Integrated Pollution Controls Name: Radcliffe Paper And Board Location: Johnson Street, Radcliffe, MANCHESTER, Lancashire, M26 1AW Authority: Environment Agency, North West Region Permit Reference: AB7078 Dated: 12th March 1993 Process Type: IPC new application Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	794	3	378584 406491
23	Integrated Pollution Controls Name: Radcliffe Paper And Board Location: Johnson Street, MANCHESTER, Lancashire, M26 1AW Authority: Environment Agency, North West Region Permit Reference: BC6276 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.3 A (A) Combustion processes within the Fuel & Power Industry Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A1NE (SW)	802	3	378556 406500
24	Integrated Pollution Controls Name: J And W Whewell Ltd Location: New Bridge Chemical Works, York Street, MANCHESTER, Greater Manchester, M26 2GL Authority: Environment Agency, North West Region Permit Reference: Bu4350 Dated: 16th May 2003 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.3 A (C) Acid processes within the Chemical Industry Status: Revoked - Now IPPC Positional Accuracy: Manually positioned to the address or location	A16SW (NE)	905	3	380078 408392



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Integrated Pollution Controls Name: J And W Whewell Ltd Location: New Bridge Chemical Works, York Street, MANCHESTER, Greater Manchester, M26 2GL Authority: Environment Agency, North West Region Permit Reference: BE1224 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.3 A (C) Acid processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A16SW (NE)	905	3	380078 408392
24	Integrated Pollution Controls Name: J And W Whewell Ltd Location: New Bridge Chemical Works, York Street, MANCHESTER, Lancashire, M26 2GL Authority: Environment Agency, North West Region Permit Reference: AZ7432 Dated: 30th July 1998 Process Type: IPC new application Description: 4.3 A (C) Acid processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variationSuperseded Positional Accuracy: Manually positioned to the address or location	A16SW (NE)	905	3	380078 408392
25	Integrated Pollution Prevention And Control Name: Colour Anodising Ltd Location: Colour Anodising Radcliffe, Anotec Works, Holland Street,,, Radcliffe, Lancashire, M26 2RH Authority: Environment Agency, North West Region Permit Reference: QP3634AD Original Permit Ref: Bn5386in Effective Date: 2nd November 2015 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y Activity Code: 7 B Activity Description: Solvent Emissions Directive; Activities exceeding solvent threshold Primary Activity: N	A11NW (N)	70	3	379311 407809
25	Integrated Pollution Prevention And Control Name: Colour Anodising Ltd Location: Holland Street, Radcliffe, MANCHESTER, M26 2RH Authority: Environment Agency, North West Region Permit Reference: Bn5386in Original Permit Ref: Bn5386in Effective Date: 23rd November 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 7 B Activity Description: Solvent Emissions Directive; Activities exceeding solvent threshold Primary Activity: N Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y	A11NW (N)	70	3	379311 407809
26	Integrated Pollution Prevention And Control Name: Bep Surface Technologies Ltd Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Authority: Environment Agency, North West Region Permit Reference: NP3631MQ Original Permit Ref: Bx2914ik Effective Date: 23rd July 2007 Status: Effective Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y	A15SW (N)	501	3	379366 408292



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Integrated Pollution Prevention And Control Name: Bep Surface Technologies Ltd Location: Eton Hill Road, Radcliffe, MANCHESTER, M26 2ZT Authority: Environment Agency, North West Region Permit Reference: Bx2914ik Original Permit Ref: Bx2914ik Effective Date: 15th December 2004 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 2.3 A(1) (A) Activity Description: Surface Treating Metals And Plastics; Electrolytic/Chemical Greater Than 30 Cubic Metres Primary Activity: Y	A15SW (N)	501	3	379366 408292
27	Integrated Pollution Prevention And Control Name: Unifi Dyed Yarns Ltd Location: Unifi Dyed Yarns, York Street, Radcliffe, Manchester, Greater Manchester, M26 2XH Authority: Environment Agency, North West Region Permit Reference: Bp9684ip Original Permit Ref: Bp9684ip Effective Date: 28th October 2003 Status: Superseded By Variation Application Type: Application App. Sub Type: New 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: Y	A15SE (NE)	818	3	379916 408426
28	Integrated Pollution Prevention And Control Name: Unifi Dyed Yarns Limited Location: Unifi Dyed Yarns, York Street, Manchester, Greater Manchester, M26 2WH Authority: Environment Agency, North West Region Permit Reference: Bx0393ip Original Permit Ref: Bp9684ip Effective Date: 1st February 2004 Status: Revoked Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m 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	A15NE (NE)	856	3	379880 408500
29	Integrated Pollution Prevention And Control Name: J And W Whewell Ltd Location: J And W Whewell Ltd, New Bridge Chemical Works, York Street, Radcliffe, Manchester, M26 2GL Authority: Environment Agency, North West Region Permit Reference: Bm0044iw Original Permit Ref: Bm0044iw Effective Date: 30th March 2004 Status: Effective Application Type: Application App. Sub Type: New Positional Accuracy: Manually positioned to the address or location Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 4.1 A(1) (A) (V) Activity Description: Organic Chemicals; Phosphorus Containing Compounds Eg Substituted Phosphines Primary Activity: N Activity Code: 4.1 A(1) (A) (IV) Activity Description: Organic Chemicals; Nitrogen Containing Compounds Eg Amines Primary Activity: N Activity Code: 4.1 A(1) (A) (III) Activity Description: Organic Chemicals; Sulphur Containing Compounds Eg Sulphides Primary Activity: Y	A16SW (NE)	898	3	380060 408401



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Local Authority Pollution Prevention and Controls Name: Colour Anodising Ltd Location: Holland Street, Radcliffe, M26 2rh Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: EPA96-01 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A11SW (N)	70	4	379311 407808
31	Local Authority Pollution Prevention and Controls Name: Anodising & Plating Ltd Location: Hamer Street, Radcliffe, MANCHESTER, Lancashire, M26 2RH Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: 22 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A10SE (N)	107	4	379265 407800
32	Local Authority Pollution Prevention and Controls Name: K.C Motors Location: Back Barlow Street, Radcliffe, M26 2su Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC06-03 Dated: 1st October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	219	4	378754 407321
33	Local Authority Pollution Prevention and Controls Name: Central Service Station (Co-Op) Location: Bury Road, Radcliffe, M26 2UG Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC05-03 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	320	4	378903 407768
34	Local Authority Pollution Prevention and Controls Name: M & S Commercial Location: Unit 5 Bealy Industrial Estate, Duners Lane, Radcliffe, M26 2BD Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC04-14 Dated: 1st February 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A11NE (NE)	330	4	379678 407972
35	Local Authority Pollution Prevention and Controls Name: Radcliffe Auto Centre Location: Unit 9, Spring Lane, Radcliffe, M26 2ta Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC04-15 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A6NW (W)	337	4	378620 407415
36	Local Authority Pollution Prevention and Controls Name: Academy Group Location: Eton Business Park, Bury Road, Radcliffe, M26 2zs Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC10-01 Dated: 1st November 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned within the geographical locality	A15SW (N)	409	4	379513 408185



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Local Authority Pollution Prevention and Controls Name: Greencroft Service Station Location: New Road, Radcliffe, BURY, Lancashire, M25 9LS Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC05-07 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A2NE (S)	442	4	379110 406715
38	Local Authority Pollution Prevention and Controls Name: Point To Point Location: 9 New Road, Radcliffe, Bury, M26 1ls Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC06-14 Dated: 1st February 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Authorised Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	447	4	378763 406789
39	Local Authority Pollution Prevention and Controls Name: Johnsons The Cleaners Location: 24 Blackburn Street, Radcliffe, M26 9nq Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC0610 Dated: 1st December 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location	A5SE (SW)	471	4	378535 407033
40	Local Authority Pollution Prevention and Controls Name: Cws Funeral Services Location: Dumers Lane, MANCHESTER, Lancashire, M26 2GH Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: 11 Dated: 1st September 1993 Process Type: Local Authority Air Pollution Control Description: PG6/33 Wood coating Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A11NE (NE)	474	4	379829 408008
41	Local Authority Pollution Prevention and Controls Name: Country Supplies Location: Eton Way North, Radcliffe, M26 2zt Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC10-02 Dated: 1st February 2011 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A15SW (N)	489	4	379487 408273
42	Local Authority Pollution Prevention and Controls Name: Mark Doran Commercial Vehicle Spraying Location: Unit 2 Lodge Road, Radcliffe, M26 1al Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC06-02 Dated: 1st July 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	588	4	378604 406740
43	Local Authority Pollution Prevention and Controls Name: Asda Radcliffe Pfs Location: Pilkington Way, Radcliffe, BURY, Lancashire, M26 3DA Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC05-19 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A5SE (SW)	787	4	378267 406859



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Local Authority Pollution Prevention and Controls Name: Funeralcare Location: Morris Street, RADCLIFFE, M26 2GH Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: Lappc04-02 Dated: 1st September 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/33 Wood coating Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location	A16SW (NE)	801	4	380123 408154
45	Local Authority Pollution Prevention and Controls Name: Johnsons Cleaners Uk Ltd Location: 163a Radcliffe New Road, Whitefield, M45 7rg Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC07-02 Dated: 1st November 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A4NW (SE)	809	4	379992 406512
46	Local Authority Pollution Prevention and Controls Name: Creamy Plant Hire Location: Morris Street, Radcliffe, BURY, Lancashire, M26 2 Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: 21 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/16 Mobile screening and crushing processes Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A16SW (NE)	815	4	380099 408217
47	Local Authority Pollution Prevention and Controls Name: Polyflor Plc Location: Radcliffe New Road, Whitefield, MANCHESTER, Lancashire, M45 7NR Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: Lappc04-03 Dated: 1st September 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/8 Textile and fabric coating of finishing processes Status: Authorised Positional Accuracy: Located by supplier to within 100m	A3SW (S)	819	4	379500 406400
47	Local Authority Pollution Prevention and Controls Name: Polyflor Plc Location: Radcliffe New Road, Whitefield, Manchester, M45 7NR Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: LAPPC04-03 Dated: 1st February 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/32 Adhesive coating Status: Authorised Positional Accuracy: Located by supplier to within 100m	A3SW (S)	819	4	379500 406400
48	Local Authority Pollution Prevention and Controls Name: Stand Motor Co Location: Stand Lane, Radcliffe, BURY, Lancashire, M26 1JP Authority: Bury Metropolitan Borough Council, Environmental Health Department Permit Reference: Ps28 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address	A2SE (S)	963	4	379205 406204
	Nearest Surface Water Feature	A7NW (S)	0	-	379344 407256
49	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Colour Note: River Irwell; Colour Incident Date: 18th April 1996 Incident Reference: 96620839 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	0	3	379200 407295



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Oils - Other Fuel Oil Note: Bealeys Goyt Incident Date: 23rd November 1995 Incident Reference: 95622847 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Overfilling During Delivery Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	0	3	379200 407300
50	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Discoloration Report Incident Date: 16th April 1996 Incident Reference: 96620777 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (E)	0	3	379400 407400
51	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: River Irwell Incident Date: 7th March 1994 Incident Reference: 94620426 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (SW)	0	3	379100 407300
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Fire water / Foam Note: Not Supplied Incident Date: 13th August 1995 Incident Reference: 95622067 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6NE (S)	67	3	379200 407200
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Tributary River Irwell; Iron Ochre Incident Date: 1st May 1995 Incident Reference: 95620964 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A10SE (NW)	205	3	379000 407700
54	Pollution Incidents to Controlled Waters Property Type: Pollution Found Source Not Determined Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irwell Incident Date: 12th December 1995 Incident Reference: 95622975 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (SE)	425	3	380001 407101



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; No Pollution Found Incident Date: 24th May 1995 Incident Reference: 95621225 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NE (NE)	445	3	379800 408000
56	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: 1st February 1995 Incident Reference: 95620197 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5NE (W)	470	3	378500 407200
57	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Irwell Incident Date: 4th October 1995 Incident Reference: 95622463 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	484	3	378600 406900
57	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Unknown Note: River Irwell Incident Date: 24th April 1995 Incident Reference: 95620890 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	487	3	378600 406895
58	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Irwell Incident Date: 19th July 1994 Incident Reference: 94621589 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Mechanical Failure Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12SW (NE)	539	3	380001 407801
59	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; None Pollution Found Incident Date: 23rd November 1994 Incident Reference: 94622556 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (NW)	606	3	378500 407800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Unknown Note: River Irwell; Contaminated Ground Incident Date: 1st August 1995 Incident Reference: 95621945 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	608	3	378400 407000
60	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: 4th February 1996 Incident Reference: 96620206 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	610	3	378400 406995
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; No Pollution Found Incident Date: 26th April 1995 Incident Reference: 95620916 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	622	3	380001 408001
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; No Pollution Found Incident Date: 3rd May 1995 Incident Reference: 95621018 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5SE (SW)	625	3	378500 406800
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; No Pollution Found Incident Date: 10th May 1995 Incident Reference: 95621094 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	629	3	378500 406795
63	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Treated Effluent Note: River Irwell Incident Date: 20th November 1995 Incident Reference: 95612822 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (NE)	628	3	380100 407795



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irwell Incident Date: 6th November 1995 Incident Reference: 95612701 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (NE)	630	3	380100 407800
64	Pollution Incidents to Controlled Waters Property Type: No Premises Identified Location: Water Street, Greater Manchester Authority: Environment Agency, North West Region Pollutant: No Pollutant Note: Not Supplied Incident Date: 15th September 1999 Incident Reference: 32472 Catchment Area: Bolton Bury Canal (Lever) Receiving Water: Canal Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (W)	658	3	378305 407495
65	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: River Irwell Incident Date: 21st April 1995 Incident Reference: 95620879 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (NE)	669	3	380001 408101
66	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Pollution Found Incident Date: 31st July 1995 Incident Reference: 95621921 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	691	3	378505 406695
66	Pollution Incidents to Controlled Waters Property Type: Connection To Surface Drains Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Chemicals - Detergents/Surfactant Note: River Irwell Incident Date: 2nd May 1995 Incident Reference: 95620992 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	695	3	378500 406695
67	Pollution Incidents to Controlled Waters Property Type: Spillage; Accident - Static Site Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Foam Note: River Irwell; Chemicals Incident Date: 11th August 1996 Incident Reference: 96621775 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NW (N)	716	3	379500 408500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: None Affected; Chemicals Reported Incident Date: 23rd August 1996 Incident Reference: 96621891 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A15NE (N)	765	3	379700 408495
68	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: Hutchinsons Goit; Chemicals And Foam Incident Date: 1st August 1996 Incident Reference: 96621683 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Fire Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A15NE (N)	769	3	379700 408500
69	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Oils - Other Oil Note: River Irwell; Oil Incident Date: 4th June 1996 Incident Reference: 96621180 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	788	3	380001 408301
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Withins Brook; Ochre Incident Date: 26th May 1995 Incident Reference: 95621273 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (N)	788	3	378900 408400
71	Pollution Incidents to Controlled Waters Property Type: Manufacturing: Other Manufacturing Location: James Halston, Radcliffe New Road, RADCLIFFE, Greater Manchester Authority: Environment Agency, North West Region Pollutant: Contaminated Material : Fire Fighting Run Off Note: Not Supplied Incident Date: 2nd August 1999 Incident Reference: 30870 Catchment Area: Irwell Receiving Water: River Stretch (Freshwater) Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A3SW (S)	814	3	379600 406400
72	Pollution Incidents to Controlled Waters Property Type: Private Sewage: Sewage Works And Septic Tanks Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Sewage - Septic Tank Effluent Note: River Irwell; Crude Sewage Incident Date: 21st March 1994 Incident Reference: 94620714 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Blocked Sewer Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	833	3	378400 406600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Irwell; No Pollution Found Incident Date: 24th April 1995 Incident Reference: 95620894 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	862	3	380100 408295
73	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Sewerage Systems Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Crude Sewage Note: Duddon Estuary Incident Date: 31st August 1995 Incident Reference: 95210095 Catchment Area: Duddon Receiving Water: Not Given Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	865	3	380100 408300
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, North West Region Pollutant: Miscellaneous - Natural Note: Unknown Lodge; Low Dissolved Oxygen Incident Date: 21st July 1994 Incident Reference: 94621637 Catchment Area: Irwell Receiving Water: Not Given Cause of Incident: Low Dissolved Oxygen Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A15NE (N)	862	3	379700 408600
75	Pollution Incidents to Controlled Waters Property Type: Chemical industry Location: Oil Slick On The Irwell At, Rear Of Dumers Lane, RADCLIFFE Authority: Environment Agency, North West Region Pollutant: Oils - Unknown Note: Irwell; Oil Incident Date: 5th September 1997 Incident Reference: 97621607 Catchment Area: Irwell Receiving Water: Freshwater Stream/River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	927	3	380100 408400
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Greater Manchester Authority: Environment Agency, North West Region Pollutant: Unknown Note: River Roch; No Pollution Found Incident Date: 7th July 1995 Incident Reference: 95621673 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	A12SE (E)	993	3	380500 407700
77	Prosecutions Relating to Authorised Processes Location: 59 Bury Road, Radcliffe, Lancashire, M26 2UT Prosecution Text: Running an illegal waste transfer station Prosecution Act: Epa90 S33(1)(B) Hearing Date: 13th September 2005 Verdict: Guilty Fine: 4000 Costs: 3732 Positional Accuracy: Manually positioned to the road within the address or location	A10SW (NW)	301	3	378929 407765



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	Prosecutions Relating to Authorised Processes Location: Land At Barlow Mill, Stand Lane, Radcliffe, Manchester, M26 Prosecution Text: Storing too much waste for too long a period of time Prosecution Act: Epa90 S33(6) Hearing Date: 19th August 2004 Verdict: Guilty Fine: 2500 Costs: 1530 Positional Accuracy: Manually positioned to the road within the address or location	A2NE (S)	670	3	379021 406480
	River Quality Name: Irwell GQA Grade: River Quality E Reach: Roch To Salford University Estimated Distance (km): 22.9 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A6NE (S)	62	3	379256 407170
	River Quality Name: Irwell GQA Grade: River Quality C Reach: Chest Wheel Bridge To Roch Estimated Distance (km): 10.3 Flow Rate: Flow less than 5 cumecs Flow Type: River Year: 2000	A12SW (NE)	566	3	380058 407737
	River Quality Name: Roch GQA Grade: River Quality C Reach: Rochdale Stw To Irwell Estimated Distance (km): 15.2 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A8NW (E)	628	3	380220 407226
79	River Quality Biology Sampling Points Name: Irwell Reach: Roch To Salford University Estimated Distance: 22.90 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade F - Bad Year: 1995 GQA Grade: River Quality Biology GQA Grade F - Bad Year: 2000 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2002 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2003 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2004 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2005 GQA Grade: River Quality Biology GQA Grade E - Poor Year: 2006 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2007 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2008 GQA Grade: River Quality Biology GQA Grade D - Fair Year: 2009 GQA Grade: River Quality Biology GQA Grade D - Fair	A8NW (E)	565	3	380150 407300
80	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 7th July 2001 Incident Reference: 14560 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: Contaminated Water: Other Contaminated Water	A5SE (SW)	605	3	378511 406818



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	Substantiated Pollution Incident Register Authority: Environment Agency - North West Region, South Area Incident Date: 3rd July 2001 Incident Reference: 13180 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: Crude Sewage	A9SW (W)	812	3	378148 407474
82	Water Abstractions Operator: D & H Dyers Ltd Licence Number: 2569004005 Permit Version: Not Supplied Location: Radcliffe, RADCLIFFE Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 486 Yearly Rate (m3): 113650 Details: Borehole And Well 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	A11SW (NE)	13	3	379500 407600
83	Water Abstractions Operator: Pioneer Dyers Ltd. Licence Number: 2569004041 Permit Version: Not Supplied Location: River Irwell At Premises, Pioneer Mills, Milltown Street, RADCLIFFE Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 330 Yearly Rate (m3): 72600 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	A7SW (S)	124	3	379300 407100
84	Water Abstractions Operator: St Regis Paper Company U K Ltd Licence Number: 2569004004 Permit Version: 101 Location: Reservoir Fed By Surface Drainage Atradcliffe Authority: Environment Agency, North West Region Abstraction: Paper And Printing: 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: Church Street East, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SW (NW)	399	3	378800 407800
84	Water Abstractions Operator: The East Lancashire Paper Mill Co Licence Number: 2569004004 Permit Version: 100 Location: Reservoir Fed By Surface Drainage Atradcliffe Authority: Environment Agency, North West Region Abstraction: Paper And Printing: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 109 Yearly Rate (m3): 40005 Details: Church Street East, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th January 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SW (NW)	399	3	378800 407800



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Water Abstractions Operator: North West Water Authority; Eastern Division Licence Number: 2569001209 Permit Version: Not Supplied Location: River Irwell, Bury Effluent Treatment Works, BURY Authority: Environment Agency, North West Region Abstraction: Effluent Treatment Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 818 Yearly Rate (m3): 13638 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	A12SW (E)	600	3	380100 407700
86	Water Abstractions Operator: British Waterways Board Licence Number: 2569004994 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 1136 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	A9SE (W)	663	3	378300 407495
86	Water Abstractions Operator: British Waterways Board Licence Number: 2569004037 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Bolton & Bury Canal 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	A9SE (W)	664	3	378300 407500
87	Water Abstractions Operator: Bpb Radcliffe Licence Number: 2569004013 Permit Version: 100 Location: R Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Paper And Printing; Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 5000 Yearly Rate (m3): 1000000 Details: Premises At Johnson Street, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th April 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	692	3	378500 406700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	Water Abstractions Operator: Intex Yarns Manufacturing Limited Licence Number: 2569001202 Permit Version: Not Supplied Location: River Irwell, RADCLIFFE, Greater Manchester Authority: Environment Agency, North West Region Abstraction: Cooling & Manufacturing Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 3273 Yearly Rate (m3): 1022850 Details: Additional Purpose: Cooling; 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	A15NE (NE)	867	3	379900 408500
89	Water Abstractions Operator: Polyflor Ltd Licence Number: 2569004030 Permit Version: 101 Location: Well Point System At Premises Radcliffe 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: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	914	3	379600 406300
89	Water Abstractions Operator: James Halstead Ltd Licence Number: 2569004030 Permit Version: 100 Location: Wellpoint System At Premises, Radcliffe 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: Groundwater Daily Rate (m3): 382 Yearly Rate (m3): 68200 Details: Premises At Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th January 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	914	3	379600 406300
90	Water Abstractions Operator: Intex Yarns (Mfg) Limited Licence Number: 2569001117 Permit Version: Not Supplied Location: Un-Named Stream Of River Irwell, RADCLIFFE Authority: Environment Agency, North West Region Abstraction: Cooling & Manufacturing Abstraction Type: Not Supplied Source: River Daily Rate (m3): 546 Yearly Rate (m3): 133652 Details: Additional Purpose: Cooling; 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	A15NE (NE)	950	3	379900 408600



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004054 Permit Version: 100 Location: The Manchester, Bolton And Bury Canal At Bank Top, Bury Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: Process Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 1200 Yearly Rate (m3): 200000 Details: Land At Intex Yarns, Bury Road, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th December 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NE (N)	1019	3	379200 408790
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004998 Permit Version: Not Supplied Location: Bolton & Bury Canal, Intex Yarns Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 149973 Details: Licence Status: Cancelled 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	A14NE (N)	1024	3	379200 408795
	Water Abstractions Operator: British Waterways Board Licence Number: 2569004037 Permit Version: Not Supplied Location: Bolton & Bury Canal Authority: Environment Agency, North West Region Abstraction: Not Supplied Abstraction Type: Not Supplied Source: Canal Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Bolton & Bury Canal 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	A14NE (N)	1029	3	379200 408800
	Water Abstractions Operator: Unifi Dyed Yarns Ltd Licence Number: 2569001245 Permit Version: 101 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	1089	3	380000 408700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Unifi Dyed Yarns Ltd Licence Number: 2569001245 Permit Version: 101 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: 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: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	1089	3	380000 408700
	Water Abstractions Operator: Unifi Dyed Yarns Ltd Licence Number: 2569001245 Permit Version: 101 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: 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: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	1089	3	380000 408700
	Water Abstractions Operator: Intex Yarns Ltd Licence Number: 2569001245 Permit Version: 100 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: 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: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th April 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	1089	3	380000 408700
	Water Abstractions Operator: Intex Yarns Ltd Licence Number: 2569001245 Permit Version: 100 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles And Leather: 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: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th April 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A16NW (NE)	1089	3	380000 408700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Intex Yarns Ltd Licence Number: 2569001245 Permit Version: 100 Location: River Irwell At Radcliffe, Manchester Authority: Environment Agency, North West Region Abstraction: Textiles & Leather: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 274 Yearly Rate (m3): 100000 Details: Land & Premises At Intex Yarns Ltd Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 18th April 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NW (NE)	1090	3	380001 408701
	Water Abstractions Operator: Total Fitness Health Clubs Limited Licence Number: Nw/069/0004/004 Permit Version: 1 Location: Borehole At Whitefield, Manchester Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Total Fitness, Bury Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 29th January 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SE (SE)	1197	3	380450 406381
	Water Abstractions Operator: Total Fitness Uk Ltd Licence Number: 2569004056 Permit Version: 1 Location: Land At Total Fitness Bury New Road Whitefield Bury Authority: Environment Agency, North West Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Total Fitness, Bury Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th February 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A4SE (SE)	1198	3	380450 406380
	Water Abstractions Operator: St Regis Paper Company U K Ltd Licence Number: 2569004019 Permit Version: 102 Location: Withins Reservoir Fed By Unnamed Tributary Of River Irwell Authority: Environment Agency, North West Region Abstraction: Paper and Printing: Boiler Feed 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 Church St East, Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	1209	3	378600 408700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: St Regis Paper Company U K Ltd Licence Number: 2569004019 Permit Version: 102 Location: Withins Reservoir Fed By Unnamed Tributary Of River Irwell Authority: Environment Agency, North West Region Abstraction: Paper And Printing: 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 Church St East,Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	1209	3	378600 408700
	Water Abstractions Operator: The East Lancashire Paper Mill Co Licence Number: 2569004019 Permit Version: 101 Location: Withins Reservoir, Fed By & O/Flow To Unnamed Trib Of R Irw Authority: Environment Agency, North West Region Abstraction: Paper And Printing: 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 Church St East,Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th May 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14NW (NW)	1209	3	378600 408700
	Water Abstractions Operator: The East Lancashire Paper Mill Co Licence Number: 2569004019 Permit Version: 101 Location: Withins Reservoir, Fed By & O/Flow To Unnamed Trib Of R Irw Authority: Environment Agency, North West Region Abstraction: Paper and Printing: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 8728 Yearly Rate (m3): 2705779 Details: Premises At Church St East,Radcliffe Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th May 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	1209	3	378600 408700
	Water Abstractions Operator: Resolution Hydro Limited Licence Number: Nw/069/0001/004 Permit Version: 1 Location: River Irwell At Bealey'S Weir Authority: Environment Agency, North West Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st December 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1241	3	379607 409015



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: St Regis Paper Company U K Ltd Licence Number: 2569001158 Permit Version: 101 Location: R Irwell At Radcliffe, Manchester 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 Radcliffe, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1309	3	379400 409100
	Water Abstractions Operator: St Regis Paper Company U K Ltd Licence Number: 2569001158 Permit Version: 101 Location: R Irwell At Radcliffe, Manchester 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 Radcliffe, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th May 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1309	3	379400 409100
	Water Abstractions Operator: The East Lancashire Paper Mill Co Licence Number: 2569001158 Permit Version: 100 Location: R Irwell At Radcliffe, Manchester 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 Radcliffe, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1309	3	379400 409100
	Water Abstractions Operator: The East Lancashire Paper Mill Co Licence Number: 2569001158 Permit Version: 100 Location: R Irwell At Radcliffe, Manchester 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): 14184 Yearly Rate (m3): 3636800 Details: Premises At Radcliffe, Manchester Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1309	3	379400 409100



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: The Trustees Of Stand Golf Club Licence Number: 2569004053 Permit Version: 101 Location: Borehole At Stand Golf Club Whitefield 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th September 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1365	3	379760 405860
	Water Abstractions Operator: Stand Golf Club Licence Number: 2569004053 Permit Version: 100 Location: A Borehole At Stand Golf Club, Whitefield 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): 55 Yearly Rate (m3): 9000 Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 28th May 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1365	3	379760 405860
	Water Abstractions Operator: Stand Golf Club Limited Licence Number: 2569004053 Permit Version: 102 Location: Borehole At Stand Golf Club 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Stand Golf Club, Whitefield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 12th May 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1367	3	379754 405858
	Water Abstractions Operator: Bury Golf Club Limited Licence Number: 2569002264r02 Permit Version: 1 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1446	3	380963 407673



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr R Raymond Adams Licence Number: 2569002264r1 Permit Version: 1 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1446	3	380963 407673
	Water Abstractions Operator: Mr R Raymond Adams Licence Number: 2569002264 Permit Version: 101 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury 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): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 27th January 2004 Permit End Date: 16th April 2007 Positional Accuracy: Located by supplier to within 10m	(E)	1452	3	380970 407670
	Water Abstractions Operator: Bury Golf Club Licence Number: 2569002264 Permit Version: 100 Location: A Borehole At Bury Golf Club, Blackford Bridge, Bury 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): 55 Yearly Rate (m3): 9000 Details: Land At Bury Golf Club, Bury, Lancs Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 17th April 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1452	3	380970 407670
	Water Abstractions Operator: Totalfinaelf Uk Ltd Licence Number: 2569001258 Permit Version: 1 Location: Well Point System At Manchester Road, Bury Authority: Environment Agency, North West Region Abstraction: Environmental: Pump & Treat: Pollution Remediation Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th June 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NE)	1491	3	380450 408850



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bonar, Bibby & Baron Licence Number: 2569002191 Permit Version: Not Supplied Location: Borehole, Hampson Mills, BURY Authority: Environment Agency, North West Region Abstraction: Manufacturing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 546 Yearly Rate (m3): 109104 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	(NE)	1527	3	380700 408600
	Water Abstractions Operator: Danish Crown Uk Limited Licence Number: 2569004042 Permit Version: 102 Location: Borehole At Premises, Stanley Road, Whitefield Authority: Environment Agency, North West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Premises At Whitefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1597	3	380900 406300
	Water Abstractions Operator: Danish Bacon Independent Dbi Ltd Licence Number: 2569004042 Permit Version: 100 Location: Borehole At Premises, Stanley Road, Whitefield Authority: Environment Agency, North West Region Abstraction: Food And Drink: Process Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 436 Yearly Rate (m3): 159295 Details: Premises At Whitefield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st July 1986 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1597	3	380900 406300
	Groundwater Vulnerability 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 10 Central Lancashire Scale: 1:100,000	A7NW (S)	0	3	379288 407414
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A7NW (S)	0	2	379288 407414
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A7NW (S)	0	2	379288 407414
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7NW (S)	0	3	379288 407414
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6SE (SW)	81	3	378984 407080



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6NW (W)	97	3	378843 407268
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A7NW (SE)	0	3	379304 407396
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6SW (SW)	99	3	378920 407120
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
91	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SW (N)	0	3	379401 407791
92	Detailed River Network Lines River Type: Secondary River River Name: Hutchinson's Goit Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SW (N)	0	3	379401 407791
93	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A6NE (W)	0	3	379071 407341
94	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SW (NE)	0	3	379479 407746



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Detailed River Network Lines River Type: Secondary River River Name: Bealey's Goit Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A7NW (S)	1	3	379346 407251
96	Detailed River Network Lines River Type: Primary River River Name: River Irwell Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: IRWELL Name: Water Course: IRWE Reference:	A6NE (SW)	12	3	379111 407237
97	Detailed River Network Lines River Type: Primary River River Name: River Irwell Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: IRWELL Name: Water Course: IRWE Reference:	A6NE (S)	15	3	379225 407245
98	Detailed River Network Lines River Type: Primary River River Name: River Irwell Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: IRWELL Name: Water Course: IRWE Reference:	A6NE (S)	18	3	379263 407218
99	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10SE (W)	19	3	379035 407510
100	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10SE (NW)	90	3	379039 407578



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11NW (N)	123	3	379301 407871
102	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10SE (NW)	190	3	378988 407670
103	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SE (NE)	204	3	379714 407611
104	Detailed River Network Lines River Type: Secondary River River Name: Bealey's Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11SE (E)	223	3	379737 407591
105	Detailed River Network Lines River Type: Primary River River Name: Irwell Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: IRWELL Name: Water Course: IRWE Reference:	A3NW (S)	372	3	379522 406787
106	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11NE (NE)	372	3	379640 408076



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	Detailed River Network Lines River Type: Secondary River River Name: Hutchinson's Goit Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A11NE (NE)	372	3	379640 408076
108	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10NE (NW)	395	3	379013 407959
109	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A10NE (N)	428	3	379140 408131
110	Detailed River Network Lines River Type: Tertiary River River Name: Drain Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Drain (ditch, Reen, Rhyne, Drain) Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A3NW (S)	432	3	379522 406787
111	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10NE (NW)	454	3	379000 408034
112	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A10NE (N)	471	3	379084 408142



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A8SW (SE)	482	3	380054 407079
114	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: IRWELL Name: Water Course: IRWE Reference:	A8SW (SE)	482	3	380054 407079
115	Detailed River Network Lines River Type: Primary River River Name: Not Supplied Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Flood Risk Management Indicative/Statutory Main River Management Status: Water Course: CROW TREES FARM BR Name: Water Course: CROT Reference:	A10NE (N)	483	3	379055 408134
116	Detailed River Network Lines River Type: Secondary River River Name: Manchester, Bolton and Bury Canal Hydrographic Area: D011 River Flow Type: Primary Flow Path River Surface Level: Above Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A10NW (NW)	490	3	378736 407874
117	Detailed River Network Lines River Type: Secondary River River Name: Bealey's Goit Hydrographic Area: D011 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A15SE (NE)	496	3	379692 408193
118	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A11SW (N)	0	3	379400 407727
119	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D011	A11SW (N)	0	3	379396 407727
120	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A7NW (SE)	0	3	379307 407369



Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379387 407729
122	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379283 407598
123	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379288 407593
124	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A10SE (N)	0	3	379273 407588
125	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379278 407583
126	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A10SE (N)	0	3	379242 407545
127	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379397 407723
128	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379308 407624
129	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379316 407615
130	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379316 407615
131	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379288 407593
132	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A10SE (N)	0	3	379270 407586
133	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D011	A11SW (N)	0	3	379278 407583



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	BGS Recorded Landfill Sites Site Name: DANO Plant Location: Cemetery Rd, Radcliffe, MANCHESTER, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good	A9NE (NW)	830	-	378297 407907
135	BGS Recorded Landfill Sites Site Name: Crawford Bros Ltd Location: Bury Rd, Radcliffe, MANCHESTER, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A15NW (N)	856	-	379576 408629
136	BGS Recorded Landfill Sites Site Name: Springfields Tip Location: Highfield Lane, WHITEFIELD, Gt Manchester Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A8NE (E)	923	-	380498 407385
137	Historical Landfill Sites Licence Holder: P D Pollution Control Limited Location: Off Church Street East, Radcliffe, Bury, Greater Manchester Name: Tower Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL15950 First Input Date: 31st December 1980 Last Input Date: 31st December 1992 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9224 BGS Ref: Not Supplied Other Ref: C010, RD/LIC/201/80, RD/LIC/018/76	A7NW (E)	0	3	379518 407435
138	Historical Landfill Sites Licence Holder: East Lancashire Paper Mill Company Limited Location: Rear of Church Street East, Radcliffe, Bury, Greater Manchester Name: East Lancashire Paper Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL17961 First Input Date: 1st March 1979 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9210 BGS Ref: Not Supplied Other Ref: C002, WML/0109, RD/LIC/109/77	A7NW (S)	0	3	379348 407267
139	Historical Landfill Sites Licence Holder: East Lancashire Paper Mill Company Limited Location: Church Street East, Radcliffe, Bury, Greater Manchester Name: Boiler house East Lancashire Paper Mill Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL15972 First Input Date: 31st December 1939 Last Input Date: 31st December 1989 Specified Waste Type: Deposited Waste included Inert, Industrial and Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9190 BGS Ref: Not Supplied Other Ref: RD/LIC/240/82, C057	A7NW (SE)	0	3	379401 407332



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
140	Historical Landfill Sites Licence Holder: Not Supplied Location: Radcliffe, Bury, Greater Manchester Name: Land off Dumers Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15916 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C011	A11NW (NE)	286	3	379610 407987
141	Historical Landfill Sites Licence Holder: Not Supplied Location: Dumers Lane, Radcliffe, Bury, Greater Manchester Name: Close Park Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15955 First Input Date: Not Supplied Last Input Date: 31st December 1972 Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C104	A7NE (E)	355	3	379903 407407
142	Historical Landfill Sites Licence Holder: Not Supplied Location: Radcliffe New Road, Lilly Hill, Radcliffe, Greater Manchester Name: Theodore St. Justs Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16009 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C076	A7SW (S)	398	3	379337 406827
143	Historical Landfill Sites Licence Holder: Not Supplied Location: Radcliffe, Bury, Greater Manchester Name: Land at Darbyshire Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15963 First Input Date: 31st December 1974 Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C116	A5NE (W)	407	3	378551 407422
144	Historical Landfill Sites Licence Holder: Bury Metropolitan Borough Council Location: Sion Street and Bradbury Street, Radcliffe, Bury, Greater Manchester Name: Land South West Of Sion Street Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16005 First Input Date: 31st March 1991 Last Input Date: 31st May 1991 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4200/9329 BGS Ref: Not Supplied Other Ref: GDO C092, RD/LIC/635/90	A5SE (SW)	757	3	378263 406942



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	Historical Landfill Sites Licence Holder: Wimpey Waste Management Limited Location: Radcliffe, Bury, Greater Manchester Name: Land At Bury Road Operator Location: Wellington Road, Bury Boundary Accuracy: As Supplied Provider Reference: EAHLD15873 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1678 Other Ref: C008,RD/LIC/057/76	A15NW (N)	820	3	379578 408592
146	Historical Landfill Sites Licence Holder: Not Supplied Location: Radcliffe, Greater Manchester Name: Cemetery Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15923 First Input Date: 1st April 1969 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1677 Other Ref: C029	A9NE (NW)	828	3	378299 407905
147	Historical Landfill Sites Licence Holder: Not Supplied Location: Highfield Lane, Radcliffe, Bury, Greater Manchester Name: Whitefield Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD15962 First Input Date: 31st December 1932 Last Input Date: Not Supplied Specified Waste: Deposited Waste included Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2560 Other Ref: C114	A8NE (E)	918	3	380496 407371
148	Historical Landfill Sites Licence Holder: Not Supplied Location: Outwood Road, Radcliffe, Bury, Greater Manchester Name: King George V Playing Fields Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD16041 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: C068	A1SE (SW)	977	3	378406 406394
149	Licensed Waste Management Facilities (Landfill Boundaries) Name: East Lancashire Papermill Landfill Licence Number: 53692 Location: Church Street East, Radcliffe, Manchester, M26 2EL Licence Holder: The East Lancashire Paper Mill Co. Ltd. Authority: Environment Agency - North West Region, South Area Site Category: Industrial Waste Landfills Max Input Rate: Small (Less than 25,000 tonnes per year) Licence Status: Inactive Issued: 10th January 1995 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A7NW (SE)	1	3	379357 407254



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Licensed Waste Management Facilities (Locations) Licence Number: 401511 Location: Unit 10a Bealey Industrial Estate, Dumers Lane, Radcliffe, Bury, M26 2BD Operator Name: Abbey Skip Hire Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: HCI Waste TS + treatment Licence Status: Issued Issued: 14th August 2014 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (NE)	423	3	379710 408080
151	Licensed Waste Management Facilities (Locations) Licence Number: 53833 Location: Barlow Mill Transfer Station, Stand Lane, Radcliffe, Manchester, M26 1JT Operator Name: Progress Motors Ltd Operator Location: 369 Stand Lane, Radcliffe, Manchester, M26 4HF Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 30th September 1992 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	994	3	378983 406157
151	Licensed Waste Management Facilities (Locations) Licence Number: 53833 Location: Units 3 & 4 Barlows Mill, Off Stand Lane, Radcliffe, Manchester, M26 1JT Operator Name: A W R Rent A Skip Ltd Operator Location: Not Supplied Authority: Environment Agency - North West Region, South Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 30th September 1992 Last Modified: 7th May 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SE (S)	994	3	378983 406157
	Local Authority Landfill Coverage Name: Bury Metropolitan Borough Council - Has not been able to supply Landfill data		0	5	379288 407414
152	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A6NW (W)	46	-	378911 407406
153	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A6NW (W)	272	-	378698 407212
154	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A2NE (SW)	366	-	379002 406785
155	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A2NW (SW)	552	-	378617 406778
156	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A5NE (W)	562	-	378395 407415
157	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SE (W)	640	-	378415 407743



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A2NW (SW)	681	-	378835 406497
159	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A2SE (S)	700	-	379124 406457
160	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A15NW (N)	726	-	379352 408516
161	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A5NW (W)	839	-	378132 407229
162	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9SW (W)	910	-	378082 407654
163	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A4SW (SE)	1000	-	380185 406410
164	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NW (E)	0	-	379522 407387
165	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A6NE (W)	0	-	379190 407435
166	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A7NW (SE)	0	-	379386 407365
167	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A11SW (N)	0	-	379300 407472
168	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10SE (NW)	138	-	379125 407713
169	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A6SE (SW)	161	-	379035 406989
170	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11NW (N)	296	-	379471 408079
171	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A6SW (SW)	301	-	378904 406875
172	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A10NE (N)	363	-	379086 407995
173	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A11NE (NE)	428	-	379772 408009
174	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A2NE (S)	444	-	379013 406706
175	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10SW (NW)	455	-	378695 407787
176	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A10NW (NW)	456	-	378744 407831



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A2NW (SW)	466	-	378840 406722
178	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A2NE (S)	470	-	379007 406681
179	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SE)	495	-	379916 406838
180	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8SW (SE)	496	-	379987 406915
181	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (SE)	509	-	379952 406856
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NW (NW)	521	-	378665 407850
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A8SW (SE)	550	-	380054 406917
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A2NW (SW)	592	-	378649 406693
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A9SE (W)	617	-	378371 407596
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A15SE (NE)	620	-	379787 408276
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A1NE (SW)	710	-	378513 406659
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12SW (E)	723	-	380222 407719
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A1NE (SW)	723	-	378554 406601
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1931	A15SE (NE)	725	-	379871 408343
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A15SE (NE)	729	-	379867 408353
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A4NW (SE)	730	-	380151 406747
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1930	A2NW (SW)	732	-	378669 406511
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A9SW (W)	733	-	378242 407568
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A2NW (SW)	734	-	378773 406461
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A2SW (SW)	735	-	378810 406447
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1910	A2NW (SW)	768	-	378612 406503



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A5SW (W)	848	-	378156 406976
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (NW)	900	-	378360 408080
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A12NE (NE)	910	-	380360 407906
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A15NE (NE)	917	-	379946 408528
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1850	A2SW (SW)	938	-	378643 406294
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1848	A4SW (SE)	975	-	380075 406369
204	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A2SE (S)	977	-	379183 406186
205	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A1NW (SW)	990	-	378191 406601
206	Registered Landfill Sites Licence Holder: East Lancashire Paper Mill Co Ltd Licence Reference: 00240/82/M1 Site Location: East Lancs Paper Mill (Boiler House), Church Street East, Radcliffe, Manchester, Greater Manchester Licence Easting: 379500 Licence Northing: 407320 Operator Location: Church Street East, Radcliffe, Manchester, Greater Manchester, M26 9pr Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 26th August 1982 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Cellulose Wastes (Natural/Synth.) Construction And Demolition Wastes Empty Used Containers Incinerator Residues Ind. Non-Haz. Waste Polymeric Material, Products/Scrap	A7NW (SE)	0	3	379500 407320



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
207	Registered Landfill Sites Licence Holder: East Lancashire Paper Mill Co Ltd Licence Reference: 00109/M05 Site Location: Rear Of East Lancs Paper Mill, Church Street East, Radcliffe, Manchester, Greater Manchester Licence Easting: 379400 Licence Northing: 407200 Operator Location: Church Street East, Radcliffe, Manchester, Greater Manchester, M26 9pr Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence has completion certificateSurrendered Dated: 10th January 1995 Preceded By: 00109/77/M4 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Ewc010401- Gravel & Rocks Ewc010402- Sand & Clays Ewc030307- Rejects From Paper Recyc. Ewc030399- Non-Haz.Paper Prod/Proc'G Ewc030606- Fibre & Paper Sludge Ewc150102- Plastic Packaging Ewc170101- Concrete Ewc170501- Stones & Soil Ewc200101- Com. Waste - Paper Ewc200101- Com. Waste - Small Metal Ewc200101- Com. Waste - Small Plastic Prohibited Waste: Waste N.O.S.	A7NW (SE)	70	3	379400 407200
207	Registered Landfill Sites Licence Holder: East Lancashire Paper Mill Co Ltd Licence Reference: 00109/77/M4 Site Location: Rear Of East Lancs Paper Mill, Church Street East, Radcliffe, Manchester, Greater Manchester Licence Easting: 379400 Licence Northing: 407200 Operator Location: Church Street East, Radcliffe, Manchester, Greater Manchester, M26 9pr Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Record supersededSuperseded Dated: 22nd September 1983 Preceded By: Not Given Licence: Superseded By: 00109/M05 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Cellulose Wastes Construction And Demolition Wastes Empty Used Containers Incinerator Residues Industrial Effluent Treatment Sludge Polymeric Material, Products/Scrap	A7NW (SE)	70	3	379400 407200



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	Registered Landfill Sites Licence Holder: Springfield Waste Disposal Licence Reference: 00201/80/M6 Site Location: Radcliffe Tower Farm, Sandford Street, Radcliffe, Manchester, Greater Manchester Licence Easting: 379700 Licence Northing: 407050 Operator Location: As Site Address Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1986 Preceded By: 00201 (00018) Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Alkali Metal Oxides/Hydroxides \$ Aluminium Ammonia Ammonium Salts Animal And Food Wastes Antimony Compounds Arsenates & Arsenites - See Line 0032 Arsenic Compounds Asbestos Biocides Borates Cadmium Compounds Chromates Chromium Compounds Cobalt Compounds Commercial Waste Construction And Demolition Wastes Contaminated Materials \$ Difficult Wastes (Lines 0015 To 0098) Fats, Waxes And Greases Ferro And Ferri Cyanides Fluorides Etc \$ Fuel Oil Household Waste Hydrocarbons (Not Fuels/Oils/Greases) Ind. Non-Haz. Inert, Non-Flammable Ind. Non-Haz. Potentially Combustible Ion-Exchange Resin Wastes Iron Compounds Iron,Steel,Ferrous Ex Metal Finishing Latex, Latex/Rubber Sol'Ns/Susp'Ns Lead Compounds Max.Water In Liquid/Sludge Wastes Medical, Surgical, Veterinary Wastes Mercury Compounds Metal In Slag Ex Metal Recovery Metal Scrap Mineral Oils Mineral Processing Wastes Miscellaneous Wastes - Doe Group S Mixed Inorganic Compounds Mixed Organic Compounds Molybdenum Compounds Nitrates Nitrites Non-Ferrous Metal Scrap Other Alkalis Other Cyanides Other Inorganic Materials Other Toxic Metal Compounds Oxygen Containing Organic Compounds Pharmaceutical/Cosmetic Products Polymeric Material, Products/Scrap Prod'Ts Of Incomplete Polymerisation \$ Scrap Rubber (Including Tyres) Sewage Sludge Silt And Dredgings Slag, Boiler/Flue Cleanings Sodium/Potassium Cyanides Soluble Complex Cyanides Sulphides, Selen'S, Tell'S, Arsen'S \$ Synthetic Adhesive Wastes Titanium Compounds Tungsten Compounds	A7SE (SE)	198	3	379700 407050



Waste

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Prohibited Waste Vegetable And Other Oils Water (Contaminated) Barium Compounds (Water Soluble) Be Or Separate To Give Organic Liquid Cadmium Carbides And Acetylides Halogenated Cleaning Cmpds Halogenated Cmpds(Not Cleaning Cmpds) Inorganic Acids Magnesium Mercury Metal Oxides Organic Acids + Related Cmpds Organic Cmpds Containing N,S Or P \$ Organic Peroxides Organo-Metallic Cmpds Other Industrial Wastes Other Non-Toxic Metal Compounds Oxidising Compounds Phenols, Analogues/Derivatives Produce Odouriferous Vapour Produce Toxic Vapour React With Water To Give Prohibited Wa Sodium/Potassium Thallium Compounds Unidentified Chemical Waste Waste With Flash Pt. < 30 C				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	Registered Landfill Sites Licence Holder: Wimpey Waste Management Ltd Licence Reference: 00201 (00018) Site Location: Radcliffe Tower Farm, Sandford Street, Radcliffe, Manchester, Greater Manchester Licence Easting: 379700 Licence Northing: 407050 Operator Location: 629 Eccles New Road, SALFORD, Greater Manchester, M5 2BD Authority: Environment Agency - North West Region, South Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 3rd November 1980 Preceded By: Not Given Licence: Superseded By: 00201/80/M6 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste Alkali Metal Oxides/Hydroxides \$ Aluminium Ammonium Salts Animal And Food Wastes Arsenates & Arsenites Arsenic Compounds Asbestos Biocides Borates Cadmium Compounds Chromates, Insoluble Form Only Commercial Waste Construction And Demolition Wastes Contaminated Materials \$ Difficult Wastes As Below Fats, Waxes And Greases Ferro And Ferri Cyanides Ferrous Metal Finishing Waste Ferrous Metal Scrap Fluorides Etc Fuel Oil Household Waste Hydrocarbons (Not Fuels/Oils/Greases) Ind. Non-Haz. Waste Incl. Scrap Metal Interceptor Waste, Tar, Paint Etc \$ Ion-Exchange Resin Wastes Iron Compounds Latex, Latex/Rubber Sol'Ns/Susp'Ns Lead Compounds Medical, Surgical, Veterinary Wastes Mercury Compounds Mineral Oils Mineral Processing Wastes Miscellaneous Wastes Mixed Inorganic Compounds Mixed Organic Compounds Nitrates Nitrites Non-Ferrous Metal Scrap Other Alkalies Other Cyanides Other Inorganic Materials Other Toxic Metal Compounds Oxygen Containing Organic Compounds Pharmaceutical/Cosmetic Products Polymeric Material, Products/Scrap Prod'Ts Of Incomplete Polymerisation \$ Scrap Rubber (Including Tyres) Sewage Sludge Silt And Dredgings Slag, Boiler/Flue Cleanings Sodium/Potassium Cyanides Soluble Complex Cyanides Sulphides Synthetic Adhesive Wastes Titanium Compounds Vegetable And Other Oils Water (Contaminated) Prohibited Waste Ammonia Barium Compounds (Water Soluble) Cadmium Carbides And Acetylides Explosive Waste Halogenated Cleaning Cmpds	A7SE (SE)	198	3	379700 407050



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Halogenated Cmpds(Not Cleaning Cmpds) Inorganic Acids Kerosene And Derv. Liquid Wastes Magnesium Mercury Metal Oxides Organic Acids + Related Cmpds Organic Cmpds Containing N,S Or P \$ Organic Peroxides Organo-Metallic Cmpds Other Industrial Wastes Other Non-Toxic Metal Compounds Other Toxic Metal Compounds Oxidising Compounds Phenols, Analogues/Derivatives Sodium/Potassium Thallium Compounds Unidentified Chemical Waste Waste In Pressurised Containers Wastes Which React Violently lth Water				
209	Registered Waste Treatment or Disposal Sites Licence Holder: North West Water Ltd Licence Reference: 00682 Site Location: Bury Sewage Works, Crossfield Street, BURY, Lancashire, BL9 9TF Operator Location: Dawson House, Great Sankey, WARRINGTON, Cheshire, WA5 3LN Authority: Environment Agency - North West Region, South Area Site Category: Treatment - Biological Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence has completion certificateSurrendered Dated: 1st June 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Food Processing Wastes Max.Waste Permitted By Licence Soaps & Detergents Some Gmwda Group 5 - Chemical/Toxic W Vegetable Matter Waste Food Prohibited Waste Explosive Waste Highly Reactive Wastes Pressurised Waste Or Cont'Rs Solid Waste Waste N.O.S. Treated/Pack'D Or Not Wate In Drums/lbcs	A12SW (NE)	724	3	380200 407800



Hazardous Substances

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Control of Major Accident Hazards Sites (COMAH) Name: Bep Surface Technologies Ltd Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Reference: Not Supplied Type: Lower Tier Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	501	6	379366 408292



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A7NW (S)	0	2	379288 407414
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A7NW (SE)	0	2	379517 407265
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11SW (E)	0	2	379500 407500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NW (S)	0	2	379288 407414
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NW (NE)	0	2	379289 407417
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6SE (SW)	94	2	379140 407063
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6SE (S)	151	2	379132 407014



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	162	2	379220 407076
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SW (SW)	181	2	378857 407067
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11SE (E)	191	2	379702 407500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (S)	197	2	379190 407038
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A6SE (S)	200	2	379156 406998
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6SE (SW)	222	2	378942 406945



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A10SW (NW)	234	2	378913 407676
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A11NW (NE)	269	2	379570 408000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NW (W)	287	2	378679 407322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A6NW (W)	320	2	378651 407230
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A10NE (NW)	434	2	379000 408000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15SW (N)	444	2	379600 408188



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (SE)	446	2	379647 406756
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NW (SW)	461	2	378865 406718
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SE (W)	467	2	378500 407500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (SE)	471	2	379610 406736
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (SE)	489	2	380000 406946
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NE (SE)	502	2	379777 406749



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8SW (SE)	520	2	380000 406894
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NW (SW)	551	2	378732 406684
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NW (SW)	555	2	378811 406629
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A2NW (SW)	587	2	378647 406701
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (SE)	593	2	379997 406783
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (SE)	593	2	380000 406786



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A4NW (SE)	602	2	380000 406773
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (NE)	621	2	380000 408000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (SE)	645	2	379821 406611
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NE (SE)	650	2	379815 406605
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A2NE (S)	650	2	379229 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (NE)	663	2	380000 408090



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A3NW (S)	681	2	379288 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2SE (S)	699	2	379000 406452
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NE (SE)	709	2	379831 406548
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A2SE (S)	716	2	379000 406427
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (N)	719	2	379523 408500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SW (E)	730	2	380235 407688



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NW (SW)	741	2	378750 406462
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (NW)	745	2	378447 407946
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 30 - 45 mg/kg Concentration:	A3NE (SE)	759	2	379846 406500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A4NW (SE)	799	2	380000 406529
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (NW)	825	2	378399 408012
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (SE)	860	2	380200 406607



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NW (SE)	936	2	380248 406548
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A1SE (SW)	949	2	378395 406441
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16NW (NE)	971	2	380079 408489
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A16SW (NE)	983	2	380204 408430
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A4NE (SE)	993	2	380362 406589
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 200 - 300 mg/kg Nickel 15 - 30 mg/kg Concentration:	A4NE (SE)	998	2	380288 406500



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
211	BGS Recorded Mineral Sites Site Name: Radcliffe Gravel Pit Location: , Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96823 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A6NW (W)	51	2	378907 407412
212	BGS Recorded Mineral Sites Site Name: Close Park Location: , Outwood, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 12360 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (E)	76	2	379610 407410
213	BGS Recorded Mineral Sites Site Name: Scar Top Location: , Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96824 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	252	2	378722 407171
214	BGS Recorded Mineral Sites Site Name: Radcliffe Bridge Sand Pits Location: , Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96825 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A2NE (SW)	370	2	379003 406781
215	BGS Recorded Mineral Sites Site Name: Radcliffe Bridge Brick Field Location: , Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96826 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A2NE (S)	397	2	379050 406754
216	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187568 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	552	2	378621 406775



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
216	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery, Cawdaw Pit Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187569 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	565	2	378627 406749
217	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery, Air Pit Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187571 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	581	2	378834 406602
218	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery, Blind Pit Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187570 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	637	2	378664 406626
219	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery, Meadow Pits Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187572 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	645	2	378827 406537
219	BGS Recorded Mineral Sites Site Name: Stand Lane Colliery, Meadow Pits Location: , Chapel Field, Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 187573 Type: Underground Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A2NW (SW)	684	2	378835 406493
220	BGS Recorded Mineral Sites Site Name: Chapel Field Sand Pits Location: , Radcliffe, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96827 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A2SE (S)	732	2	379182 406435



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	BGS Recorded Mineral Sites Site Name: The Dales Sand Pit Location: , Whitefield, Bury, Lancashire Source: British Geological Survey, National Geoscience Information Service Reference: 96885 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Devensian Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A3SE (S)	830	2	379700 406392
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A7NW (S)	0	7	379288 407414
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A7NW (S)	0	-	379288 407414
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	2	379308 407383
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	2	379308 407383
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	75	2	379418 407089
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6SE (SW)	27	2	379049 407121
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	30	2	379627 407263
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NW (SW)	57	2	378927 407174
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	75	2	379360 407163
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NW (SW)	76	2	378894 407213



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (E)	113	2	379699 407250
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6SE (SW)	168	2	378998 406984
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A6SE (SW)	217	2	378978 406938
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	245	2	379281 406980
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	2	379308 407383
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	37	2	379166 407146
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7SW (S)	75	2	379418 407089
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6SE (SW)	168	2	378998 406984
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	2	379308 407383
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	37	2	379166 407146
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6SE (S)	146	2	379129 407009
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NW (W)	214	2	378757 407196
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NW (S)	0	2	379288 407414
	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	A7NW (S)	0	2	379288 407414



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	Contemporary Trade Directory Entries Name: East Lancashire Paper Mill Location: Church Street East, Radcliffe, Manchester, M26 2EL Classification: Paper & Pulp Mills Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	0	-	379218 407356
223	Contemporary Trade Directory Entries Name: Kontur Location: 13, Rectory Lane, Radcliffe, Manchester, Lancashire, M26 2QU Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (W)	0	-	378971 407382
223	Contemporary Trade Directory Entries Name: Kontur Location: 13 Rectory La, Radcliffe, Manchester, Lancashire, M26 2QU Classification: Cabinet Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (W)	1	-	378971 407382
223	Contemporary Trade Directory Entries Name: Chesholme Ltd Location: Rectory La, Radcliffe, Manchester, M26 2QU Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NE (W)	9	-	378969 407374
224	Contemporary Trade Directory Entries Name: B P Print Location: 62, Cross Lane, Radcliffe, Manchester, M26 2RF Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	1	-	379206 407594
225	Contemporary Trade Directory Entries Name: S & E Grundy Location: 132, Cross Lane, Radcliffe, Manchester, M26 2RF Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (N)	9	-	379326 407721
225	Contemporary Trade Directory Entries Name: T T Mobile Tyres & Towbars Location: 167, Cross Lane, Radcliffe, Manchester, M26 2RJ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (N)	26	-	379355 407789
225	Contemporary Trade Directory Entries Name: Lusso Location: 1, Withins Street, Radcliffe, Manchester, M26 2RX Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A11SW (N)	36	-	379351 407800
225	Contemporary Trade Directory Entries Name: Cross Lane Garage Location: 153-155, Cross Lane, Radcliffe, Manchester, M26 2RJ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (N)	45	-	379319 407768
225	Contemporary Trade Directory Entries Name: Cross Lane M O T Centre Ltd Location: 153, Cross Lane, Radcliffe, MANCHESTER, M26 2RJ Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A11SW (N)	45	-	379319 407768
225	Contemporary Trade Directory Entries Name: Colour Anodising Location: Holland Street, Radcliffe, Manchester, M26 2RH Classification: Anodisers Status: Active Positional Accuracy: Automatically positioned to the address	A11NW (N)	70	-	379311 407809
226	Contemporary Trade Directory Entries Name: Girling Engineering Ltd Location: Tower Pipeworks, Potter Street, Radcliffe, Manchester, M26 2PU Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A11SW (NE)	9	-	379505 407576



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Contemporary Trade Directory Entries Name: Mossgrade Ltd Location: Potter Street, Radcliffe, Manchester, M26 2PU Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (NE)	16	-	379529 407548
226	Contemporary Trade Directory Entries Name: Tithbarn Garage Location: 6, Sandford Street, Radcliffe, Manchester, Lancashire, M26 2PT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (NE)	33	-	379531 407596
227	Contemporary Trade Directory Entries Name: First Choice Packaging Location: Brook St, Radcliffe, Manchester, Lancashire, M26 2PQ Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NE (SW)	11	-	378982 407264
227	Contemporary Trade Directory Entries Name: Uk Boxes Direct Location: 23, Brook Street, Radcliffe, Manchester, M26 2PQ Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (SW)	23	-	378990 407288
227	Contemporary Trade Directory Entries Name: 1st Motor Body Repairs Location: East Street, Radcliffe, Manchester, M26 2PW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A6NE (W)	48	-	378953 407287
228	Contemporary Trade Directory Entries Name: Home Electrics Location: 109, Cross Lane, Radcliffe, Manchester, M26 2RJ Classification: Washing Machines - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (N)	34	-	379234 407669
229	Contemporary Trade Directory Entries Name: Water Street Motors Location: 20, Rectory Lane, Radcliffe, Manchester, M26 2QU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (W)	34	-	379003 407316
230	Contemporary Trade Directory Entries Name: Crown Property Developments Location: 19-21, Bury Street, Radcliffe, Manchester, M26 2GB Classification: Building Block Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (NE)	52	-	379514 407682
231	Contemporary Trade Directory Entries Name: Malone Motors Location: 5, Fletcher Street, Radcliffe, Manchester, M26 2RZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NW (N)	59	-	379365 407838
231	Contemporary Trade Directory Entries Name: Northwest Car Group Location: 2, Fletcher Street, Radcliffe, Manchester, M26 2RZ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NW (N)	60	-	379384 407849
231	Contemporary Trade Directory Entries Name: Bridgefield Tyres Location: Fletcher Street, Radcliffe, Manchester, Greater Manchester, M26 2RZ Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A11NW (N)	99	-	379340 407869
231	Contemporary Trade Directory Entries Name: The Car Consortium Location: Fletcher St, Radcliffe, Manchester, Lancashire, M26 2RZ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A11NW (N)	99	-	379340 407869



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
232	Contemporary Trade Directory Entries Name: Tottington Motor Bodies Location: East Street, Radcliffe, Manchester, M26 2PW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (SW)	62	-	378914 407241
233	Contemporary Trade Directory Entries Name: Associated Wrought Iron Location: Unit 40, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Gate Manufacturers - Automated Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (SW)	75	-	379147 407180
233	Contemporary Trade Directory Entries Name: End Of Life Cars Location: Unit 55/56, Pioneer Mill, Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (SW)	86	-	379188 407185
233	Contemporary Trade Directory Entries Name: M62 Vehicle Movement & Recovery Location: Unit 5, Pioneer Mill, Milltown St, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A6NE (SW)	86	-	379188 407185
233	Contemporary Trade Directory Entries Name: Pioneer Gates Location: Unit 41a, Pioneer Mill, Milltown St, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Gate Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A6NE (SW)	91	-	379144 407152
233	Contemporary Trade Directory Entries Name: Plasmatec Location: Unit 28, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A6NE (SW)	106	-	379153 407140
233	Contemporary Trade Directory Entries Name: Mph Motors Location: Unit 30, Pioneer Mill, Milltown St, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A6NE (S)	114	-	379185 407153
234	Contemporary Trade Directory Entries Name: M B W Doors Location: Unit 81, Pioneer Mill, Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	75	-	379267 407152
235	Contemporary Trade Directory Entries Name: Hamblo Mouldings Ltd Location: Unit 29, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Radcliffe Waste Recycling Ltd Location: Unit 59, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Recycling Centres Status: Active Positional Accuracy: Automatically positioned to the address	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Copperflow Ltd Location: Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A6NE (S)	94	-	379202 407166



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Contemporary Trade Directory Entries Name: Advanced Protective Packaging Ltd Location: Unit 58, Pioneer Mill, Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Tayroll Engineering Location: Pioneer Mill, Milltown St, Radcliffe, Manchester, M26 1WN Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: P G Transport Services Location: Opposite Pioneer Mills, Milltown St, Radcliffe, Manchester, M26 1WD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to an adjacent address or location	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Plastic Solutions Location: Pioneer Mill, Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Pillow Talk Location: Unit 37a, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	94	-	379202 407166
235	Contemporary Trade Directory Entries Name: Dreamworks Location: Unit 32, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NE (S)	113	-	379212 407137
236	Contemporary Trade Directory Entries Name: Refrigeration Spares Location: Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Refrigeration Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A6SE (SW)	96	-	378998 407058
237	Contemporary Trade Directory Entries Name: New Sultans Location: Gorsis House, Hamer Street, Radcliffe, Manchester, M26 2RS Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (N)	98	-	379252 407773
237	Contemporary Trade Directory Entries Name: Gorsis Indian Frozen Foods Location: Hamer St, Radcliffe, Manchester, Lancashire, M26 2RS Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10NE (N)	134	-	379244 407820
238	Contemporary Trade Directory Entries Name: P P D Remedial Services Location: 51, Bury Street, Radcliffe, Manchester, M26 2GB Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SW (NE)	126	-	379596 407676
239	Contemporary Trade Directory Entries Name: Marley Building Materials Location: Eton Hill Rd, Radcliffe, Manchester, M26 2XG Classification: Tile Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	127	-	379427 407916



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	Contemporary Trade Directory Entries Name: 4 All Seasons Caravans Ltd Location: Eton Hill Rd, Radcliffe, Manchester, Lancashire, M26 2XT Classification: Caravans - Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	127	-	379427 407916
239	Contemporary Trade Directory Entries Name: Bee Mouldings Ltd Location: Eton Hill Rd, Radcliffe, Manchester, M26 2XT Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	138	-	379429 407926
239	Contemporary Trade Directory Entries Name: Bury Electro Plating Co Ltd Location: Eton Hill Rd, Radcliffe, Manchester, Lancashire, M26 2XT Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	153	-	379432 407941
239	Contemporary Trade Directory Entries Name: 4 All Seasons Caravans Ltd Location: Eton Hill rd, Radcliffe, Manchester, Greater Manchester, M26 2XT Classification: Caravans - Servicing & Repairs Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	176	-	379434 407964
239	Contemporary Trade Directory Entries Name: Max Engineering Location: Wilson Works, Bright St, Radcliffe, Manchester, M26 2XX Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	191	-	379388 407982
239	Contemporary Trade Directory Entries Name: Parsons Skillforth Location: Centurion Works, Eton Hill Rd, Radcliffe, Manchester, M26 2XT Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	210	-	379440 407998
240	Contemporary Trade Directory Entries Name: Atmospheric Control Engineers Ltd Location: St. Annes House, North Street, Radcliffe, Manchester, M26 2RN Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (N)	129	-	379176 407745
240	Contemporary Trade Directory Entries Name: Atmospheric Control Engineers Ltd Location: St. Annes House, North Street, Radcliffe, Manchester, M26 2RN Classification: Ventilators & Ventilation Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (N)	129	-	379176 407745
240	Contemporary Trade Directory Entries Name: Beer Gas Direct Location: St. Annes House, North Street, Radcliffe, Manchester, M26 2RN Classification: Gas Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (N)	129	-	379176 407745
241	Contemporary Trade Directory Entries Name: Arien Refrigeration Service Location: Premier Works, Caledonia Street, Radcliffe, Manchester, Greater Manchester, M26 2RA Classification: Refrigerators & Freezers - Servicing & Repairs Status: Active Positional Accuracy: Manually positioned within the geographical locality	A10SE (NW)	136	-	379068 407667
242	Contemporary Trade Directory Entries Name: Dean Smith Car Sales Location: Pine Street Garage, 6, Pine Street, Radcliffe, Manchester, M26 2UW Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (W)	138	-	378849 407488



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	Contemporary Trade Directory Entries Name: Kwik Fit Location: Bury Road, Radcliffe, Manchester, M26 2UG Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (W)	157	-	378854 407521
242	Contemporary Trade Directory Entries Name: Radcliffe Service Station Location: Bury Road, Radcliffe, Manchester, M26 2UG Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	157	-	378854 407521
242	Contemporary Trade Directory Entries Name: Boss Prestige & Performance Location: Senator House, 7-11, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	174	-	378849 407539
243	Contemporary Trade Directory Entries Name: Bealey Community Hospital Location: Dumers Lane, Radcliffe, MANCHESTER, M26 2QD Classification: Hospitals Status: Active Positional Accuracy: Automatically positioned to the address	A11SE (NE)	159	-	379613 407728
243	Contemporary Trade Directory Entries Name: Macmillan Nurses Location: Dumers Lane, Radcliffe, Manchester, M26 2QD Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (NE)	159	-	379613 407728
244	Contemporary Trade Directory Entries Name: Church Street Autos Location: 101 Church St West, Radcliffe, Manchester, Lancashire, M26 2SX Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	160	-	378815 407250
245	Contemporary Trade Directory Entries Name: Phoenix Electroplating Ltd Location: Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	181	-	378898 407022
246	Contemporary Trade Directory Entries Name: M & E Autobody Repairs Location: Unit 28, Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SE (S)	187	-	379195 407060
246	Contemporary Trade Directory Entries Name: Champion Mouldings (Nw) Ltd Location: Unit 28, Pioneer Mill, Milltown Street, Radcliffe, Manchester, Lancashire, M26 1WN Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SE (S)	187	-	379195 407060
247	Contemporary Trade Directory Entries Name: West & Senior Ltd Location: Milltown Street, Radcliffe, Manchester, M26 1WE Classification: Colour Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A6SW (SW)	192	-	378936 406981
248	Contemporary Trade Directory Entries Name: Dulux Decorator Centre Location: Withins Mill, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Painting & Decorating Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	194	-	379080 407751



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Contemporary Trade Directory Entries Name: K C Motors Location: Barlow Street, Radcliffe, Manchester, M26 2SU Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	210	-	378760 407330
249	Contemporary Trade Directory Entries Name: Harrison Sheet Metal Location: 101, Church Street West, Radcliffe, MANCHESTER, M26 2SX Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	210	-	378765 407318
249	Contemporary Trade Directory Entries Name: Radcliffe Engineering Services Location: 101, Church Street West, Radcliffe, Manchester, Lancashire, M26 2SX Classification: Engineering Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NW (W)	210	-	378765 407318
249	Contemporary Trade Directory Entries Name: Radcliffe Engineering Services Location: 101, Church Street West, Radcliffe, Manchester, M26 2SX Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	213	-	378770 407288
249	Contemporary Trade Directory Entries Name: Radcliffe Engineering Services Location: 101, Church Street West, Radcliffe, Manchester, Lancashire, M26 2SX Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A6NW (W)	213	-	378770 407288
249	Contemporary Trade Directory Entries Name: Radcliffe Engineering Services Location: 101, Church Street West, Radcliffe, Manchester, M26 2SX Classification: Materials Handling Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	213	-	378770 407288
249	Contemporary Trade Directory Entries Name: B & G M O T Centre Ltd Location: 101, Church Street West, Radcliffe, Manchester, M26 2SX Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	213	-	378770 407288
250	Contemporary Trade Directory Entries Name: Fast Cash 4 Scrap Cars Radcliffe Aeg Location: Bury Road, Manchester, Lancashire, M26 2UG Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A10SW (NW)	211	-	378867 407613
251	Contemporary Trade Directory Entries Name: N B S Location: Wilton House, 2, Bury Road, Radcliffe, Manchester, M26 2UA Classification: Gearboxes Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (NW)	215	-	378943 407668
251	Contemporary Trade Directory Entries Name: Ferrari Electroplating Location: Station Works, Bury Road, Radcliffe, Manchester, M26 2UA Classification: Metal Finishing Services Status: Active Positional Accuracy: Automatically positioned to the address	A10SE (NW)	215	-	378943 407668
251	Contemporary Trade Directory Entries Name: Kestrel Forwarding Ltd Location: Station Works, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UA Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	215	-	378943 407668
251	Contemporary Trade Directory Entries Name: Chub Fire Services Location: Wilton House, 2, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UA Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SE (NW)	215	-	378943 407668



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
251	Contemporary Trade Directory Entries Name: Chubb Fire Ltd Location: Wilton House, 2, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UA Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SE (NW)	215	-	378943 407668
251	Contemporary Trade Directory Entries Name: N B S Location: Wilton House, 2, Bury Road, Radcliffe, Manchester, M26 2UA Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	215	-	378943 407668
251	Contemporary Trade Directory Entries Name: Northern Broaching Services Location: Wilton House, 2, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UA Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	215	-	378943 407668
252	Contemporary Trade Directory Entries Name: Mckenzie Martin Location: Eton Hill Works, Eton Hill Road, Radcliffe, Manchester, M26 2US Classification: Ventilators & Ventilation Systems Status: Active Positional Accuracy: Automatically positioned to the address	A11NW (N)	241	-	379471 408021
252	Contemporary Trade Directory Entries Name: G J Plastics Location: Eton Hill Works, Eton Hill Road, Radcliffe, Manchester, M26 2US Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A11NW (N)	241	-	379471 408021
252	Contemporary Trade Directory Entries Name: G J Display Location: Eton Hill Works, Eton Hill Road, Radcliffe, Manchester, M26 2US Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NW (N)	241	-	379471 408021
252	Contemporary Trade Directory Entries Name: Union Cordage Ltd Location: Eton Hill Works, Eton Hill Rd, Radcliffe, Manchester, M26 2US Classification: Ropes & Hawsers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	243	-	379444 408030
252	Contemporary Trade Directory Entries Name: Double-M Location: Eton Hill Works, Eton Hill Rd, Radcliffe, Manchester, M26 2US Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A11NW (N)	250	-	379446 408037
253	Contemporary Trade Directory Entries Name: H C Electrical Location: 15, Milltown Close, Radcliffe, Manchester, Lancashire, M26 1WF Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	264	-	378854 406950
254	Contemporary Trade Directory Entries Name: Warburton Holder Ltd Location: Milltown Street, Radcliffe, Manchester, M26 1WH Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	276	-	378798 406990
254	Contemporary Trade Directory Entries Name: Site Electrical Ltd Location: Constellation House, Milltown Street, Radcliffe, Manchester, M26 1WD Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	276	-	378798 406990
255	Contemporary Trade Directory Entries Name: J H & A Unsworth Ltd Location: Sheet Metal Works, 49, Bury Road, Radcliffe, Manchester, M26 2UG Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (NW)	280	-	378860 407698



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	Contemporary Trade Directory Entries Name: Arc Leasing Location: 51, Bury Road, Radcliffe, Manchester, M26 2UG Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	299	-	378870 407726
255	Contemporary Trade Directory Entries Name: Bury Road Car Centre Location: 51, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	299	-	378871 407727
256	Contemporary Trade Directory Entries Name: A M Trade Centre Ltd Location: 8, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	282	-	378930 407742
256	Contemporary Trade Directory Entries Name: Brimar Trade Centre Location: 8, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	282	-	378930 407742
256	Contemporary Trade Directory Entries Name: Pps Plastic Card Printing Location: 16, Bury Road, Radcliffe, Manchester, M26 2UU Classification: Printers - Glass, Metal, Plastics Etc. Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SE (NW)	287	-	378965 407777
256	Contemporary Trade Directory Entries Name: B P Service Station Location: 55, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (NW)	319	-	378904 407767
256	Contemporary Trade Directory Entries Name: Texaco Location: 55, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A10SW (NW)	319	-	378904 407767
256	Contemporary Trade Directory Entries Name: Central Service Station Location: 55 Bury Rd, Radcliffe, Manchester, Lancashire, M26 2UG Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	320	-	378904 407768
256	Contemporary Trade Directory Entries Name: R T K Grab Hire Location: 59, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (NW)	321	-	378914 407779
257	Contemporary Trade Directory Entries Name: Globe Motor Services Location: 7 Bridgefield St, Radcliffe, Manchester, Lancashire, M26 2SG Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	282	-	378694 407270
258	Contemporary Trade Directory Entries Name: Steelow (Uk) Ltd Location: Bridgefield Street, Radcliffe, Manchester, M26 2SG Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	293	-	378677 407212
258	Contemporary Trade Directory Entries Name: Raptch Location: Bridgefield Street, Radcliffe, Manchester, M26 2SG Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	293	-	378678 407213



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	Contemporary Trade Directory Entries Name: Ezeheat Ltd Location: 1, Lynton Lea, Radcliffe, MANCHESTER, M26 2RG Classification: Under Floor Heating Status: Active Positional Accuracy: Automatically positioned to the address	A10NE (N)	297	-	379134 407950
259	Contemporary Trade Directory Entries Name: Bury Road Trade Centre Location: Bury Rd, Radcliffe, Manchester, M26 2UU Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10NE (N)	344	-	379090 407970
259	Contemporary Trade Directory Entries Name: Expert Logistics Location: Bury Road, Radcliffe, MANCHESTER, M26 2XH Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10NE (N)	344	-	379106 407990
259	Contemporary Trade Directory Entries Name: Mini International Ltd Location: Bury Rd, Radcliffe, Manchester, Lancashire, M26 2UT Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A10NE (N)	345	-	379070 407944
260	Contemporary Trade Directory Entries Name: M21 Cars Location: Unit 1c, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	306	-	379692 407911
260	Contemporary Trade Directory Entries Name: Norlift Ltd Location: Unit 1c, Bealey Industrial Estate, Dumers Lane, Radcliffe, MANCHESTER, M26 2BD Classification: Fork Lift Trucks Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (NE)	306	-	379692 407911
260	Contemporary Trade Directory Entries Name: Diamond Fireworks Location: Unit 55 Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, Greater Manchester, M26 2QE Classification: Firework Stockists Status: Active Positional Accuracy: Manually positioned within the geographical locality	A11NE (NE)	330	-	379730 407892
261	Contemporary Trade Directory Entries Name: Radcliffe Ltd Location: Milltown St, Radcliffe, Manchester, Lancashire, M26 1WD Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6SW (SW)	306	-	378776 406970
261	Contemporary Trade Directory Entries Name: Mawson Taylor Ltd Location: Milltown St, Radcliffe, Manchester, M26 1WX Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6SW (SW)	315	-	378768 406966
261	Contemporary Trade Directory Entries Name: Jax Location: Unit 30 Milltown St, Radcliffe, Manchester, M26 1WD Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6SW (SW)	319	-	378764 406964
261	Contemporary Trade Directory Entries Name: Electronica Location: 43, Milltown Street, Radcliffe, Manchester, M26 1WD Classification: Electronic Component Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A6SW (SW)	348	-	378737 406951



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	Contemporary Trade Directory Entries Name: M & S Commercials Ltd Location: Unit 5, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Commercial Vehicle Bodybuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (NE)	313	-	379658 407969
263	Contemporary Trade Directory Entries Name: Raymat Quilts & Textiles Location: Bridgefield Street, Radcliffe, Manchester, M26 2SG Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	322	-	378637 407362
263	Contemporary Trade Directory Entries Name: Raymat Quilts & Textiles Location: Bridgefield Street, Radcliffe, Manchester, M26 2SG Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	322	-	378637 407362
264	Contemporary Trade Directory Entries Name: R C A Logistics Ltd Location: Unit 10, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A6NW (W)	327	-	378630 407405
264	Contemporary Trade Directory Entries Name: Radcliffe Auto Centre Location: Unit 9, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, Lancashire, M26 2TA Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A6NW (W)	338	-	378620 407415
265	Contemporary Trade Directory Entries Name: B & C Motors Location: 2 Quarry St, Radcliffe, Manchester, M26 2SN Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A6SW (SW)	328	-	378655 407123
266	Contemporary Trade Directory Entries Name: M & S Commercials Ltd Location: Unit 5, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, Lancashire, M26 2BD Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	330	-	379678 407972
266	Contemporary Trade Directory Entries Name: Adam Andrews Location: Unit 5 Bealey Indust Est, Dumers La, Radcliffe, Manchester, M26 2QW Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A11NE (NE)	355	-	379710 407970
266	Contemporary Trade Directory Entries Name: Park Cross Engineering Location: Unit 6-7, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	356	-	379710 407972
266	Contemporary Trade Directory Entries Name: Cope Engineering Sales Ltd Location: Unit 7, Bealey Industrial Estate, Dumers Lane, Radcliffe, MANCHESTER, M26 2BD Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	356	-	379710 407972
266	Contemporary Trade Directory Entries Name: Northwest Landrovers Location: Unit 4, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	356	-	379710 407972



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Contemporary Trade Directory Entries Name: Sk Performance Location: Unit 6-7, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	356	-	379710 407972
267	Contemporary Trade Directory Entries Name: K M Z Chemicals Location: 69, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	330	-	378942 407815
267	Contemporary Trade Directory Entries Name: K M Z Location: 69, Bury Road, Radcliffe, Manchester, M26 2UT Classification: Chemicals - Distributors & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (NW)	330	-	378942 407815
268	Contemporary Trade Directory Entries Name: Wolstenholme Ltd Location: Unit 1B, Bealey Ind Est, Dumers La, Radcliffe, Manchester, M26 2BD Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A11NE (NE)	343	-	379653 408023
268	Contemporary Trade Directory Entries Name: M W Office Supplies Location: Unit 10A, Bealey Ind Est, Dumers La, Radcliffe, Manchester, Lancashire, M26 2BD Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A11NE (NE)	348	-	379664 408019
268	Contemporary Trade Directory Entries Name: P & C Transport Service Ltd Location: Bealey Ind Est, Dumers La, Radcliffe, Manchester, Lancashire, M26 2BD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A11NE (NE)	350	-	379662 408024
269	Contemporary Trade Directory Entries Name: Powder Coatings (Radcliffe) Ltd Location: Heap Street, Radcliffe, Manchester, M26 2SS Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A10SW (W)	356	-	378611 407485
270	Contemporary Trade Directory Entries Name: Darbyshire St Garages Location: Unit 5, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	366	-	378594 407362
270	Contemporary Trade Directory Entries Name: Nrc Motor Services Location: Unit 5, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, Lancashire, M26 2TA Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A5NE (W)	366	-	378594 407362
270	Contemporary Trade Directory Entries Name: Radcliffe Tyre Bay Ltd Location: Unit 7, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A5NE (W)	385	-	378573 407396
270	Contemporary Trade Directory Entries Name: K G B Engineering Supplies Location: Unit 3, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	395	-	378565 407355



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
270	Contemporary Trade Directory Entries Name: Advantage Auto Bodies Location: Unit 2, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	398	-	378561 407363
270	Contemporary Trade Directory Entries Name: Biomass Energy Co-Operative Location: Unit 1, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Boiler Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	409	-	378548 407379
270	Contemporary Trade Directory Entries Name: Matchbrook Ltd Location: Unit 1, Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	409	-	378548 407379
271	Contemporary Trade Directory Entries Name: Parsons Reiss Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NW (N)	383	-	379560 408140
271	Contemporary Trade Directory Entries Name: Fragrance Oils International Ltd Location: Eton Hill Road, Radcliffe, Manchester, M26 2FR Classification: Cosmetic Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (NE)	413	-	379597 408154
272	Contemporary Trade Directory Entries Name: L & T Electrical Discount Stores Location: 11, Church Street West, Radcliffe, Manchester, M26 2SP Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	383	-	378616 407065
272	Contemporary Trade Directory Entries Name: The Paint Shop Location: 8, Church Street West, Radcliffe, Manchester, M26 2SQ Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	410	-	378615 407008
272	Contemporary Trade Directory Entries Name: Rose Marketing Location: 17, Deansgate, Radcliffe, Manchester, M26 2SH Classification: Bottle Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SE (SW)	411	-	378593 407051
273	Contemporary Trade Directory Entries Name: Beaumont Machinery Ltd Location: 115-119, Bury Road, Radcliffe, Manchester, Lancashire, M26 2UT Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (N)	391	-	379155 408096
273	Contemporary Trade Directory Entries Name: Molygran Location: 115-119, Bury Road, Radcliffe, MANCHESTER, M26 2UT Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A10NE (N)	409	-	379121 408092
274	Contemporary Trade Directory Entries Name: Large Distilleries Location: Unit 9, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Distilleries Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	403	-	379722 408034



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
275	Contemporary Trade Directory Entries Name: Glosta Engineering Location: Unit 9c, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Container Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (NE)	410	-	379692 408079
275	Contemporary Trade Directory Entries Name: Celebration Displays Ltd Location: Unit 9a, Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Classification: Firework Technicians, Manufacturers & Distribution Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	422	-	379725 408061
276	Contemporary Trade Directory Entries Name: Computer Bargains Location: 1, Stand Lane, Radcliffe, Manchester, M26 1NW Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A6SW (SW)	422	-	378637 406953
276	Contemporary Trade Directory Entries Name: Direct Hardware Ltd Location: 1, Stand Lane, Radcliffe, Manchester, Lancashire, M26 1NW Classification: Computer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	422	-	378637 406953
277	Contemporary Trade Directory Entries Name: Cocklestorm Location: Bury Road, Radcliffe, Manchester, M26 2UT Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A10NE (N)	438	-	379109 408119
278	Contemporary Trade Directory Entries Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NE (S)	442	-	379110 406715
278	Contemporary Trade Directory Entries Name: B P Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A2NE (S)	442	-	379110 406715
279	Contemporary Trade Directory Entries Name: Point To Point Location: 9, New Road, Radcliffe, Manchester, M26 1LS Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	447	-	378764 406788
279	Contemporary Trade Directory Entries Name: Bp Supplies Location: 5-7, New Road, Radcliffe, Manchester, Lancashire, M26 1LS Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	453	-	378752 406789
280	Contemporary Trade Directory Entries Name: Money 4 Clothes Location: 26a, Stand Lane, Radcliffe, MANCHESTER, M26 1LJ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A6SW (SW)	455	-	378665 406872
281	Contemporary Trade Directory Entries Name: Johnson Cleaners (Uk) Ltd Location: 24, Blackburn Street, Radcliffe, Manchester, M26 1NQ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SE (SW)	468	-	378537 407036



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
281	Contemporary Trade Directory Entries Name: Electronic Service Centre Location: 31, Blackburn Street, Radcliffe, Manchester, M26 1NR Classification: Electrical goods - servicing & repairs Status: Active Positional Accuracy: Automatically positioned to the address	A5SE (SW)	504	-	378504 407019
281	Contemporary Trade Directory Entries Name: Smile Photo Location: 2, Dale Street, Radcliffe, Manchester, M26 1AB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SE (SW)	509	-	378507 407003
281	Contemporary Trade Directory Entries Name: Gas & Fireplace Centre Location: 1, Dale Street, Radcliffe, Manchester, M26 1AB Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SE (SW)	517	-	378516 406965
282	Contemporary Trade Directory Entries Name: M Star Location: 91a, Stand Lane, Radcliffe, Manchester, M26 1JR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A2NW (SW)	479	-	378847 406706
282	Contemporary Trade Directory Entries Name: Hi-Q Location: 91A Stand La, Radcliffe, Manchester, M26 1JR Classification: Tyre Dealers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A2NW (SW)	483	-	378846 406702
283	Contemporary Trade Directory Entries Name: Optical Glazing Services Location: 42, Blackburn Street, Radcliffe, Manchester, M26 1NQ Classification: Optical Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SE (SW)	479	-	378511 407074
284	Contemporary Trade Directory Entries Name: Champion Mouldings Ltd Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	480	-	379589 408232
285	Contemporary Trade Directory Entries Name: Altaman International Ltd Location: Eton Hill Rd, Radcliffe, Manchester, Lancashire, M26 2XT Classification: Toiletries Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A15SW (N)	490	-	379433 408280
286	Contemporary Trade Directory Entries Name: B E P Surface Technologies Ltd Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Engineering Machine Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	501	-	379366 408292
287	Contemporary Trade Directory Entries Name: D D R Floortech Location: Eton House, Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Floor Cleaning & Polishing Equipment - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	502	-	379458 408289
287	Contemporary Trade Directory Entries Name: Ddr Floortech Ltd Location: Eton House, Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Floor Cleaning & Polishing Equipment - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	502	-	379458 408289
287	Contemporary Trade Directory Entries Name: Country Supplies Location: Eton Hill Road, Radcliffe, Manchester, M26 2ZT Classification: Concrete Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	512	-	379489 408295



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	Contemporary Trade Directory Entries Name: D C Webtec Ltd Location: 18, Bankside Avenue, Radcliffe, Manchester, M26 2QH Classification: Printing Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A11NE (NE)	504	-	379920 407884
289	Contemporary Trade Directory Entries Name: Hiltons Location: 68, Stand Lane, Radcliffe, Manchester, M26 1JU Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	505	-	378742 406733
290	Contemporary Trade Directory Entries Name: Hallmark Foods Location: Blackburn st, Radcliffe, Manchester, Lancashire, M26 1NN Classification: Meat - Wholesale Status: Active Positional Accuracy: Manually positioned within the geographical locality	A5SE (SW)	506	-	378536 406952
291	Contemporary Trade Directory Entries Name: Ams Location: Stand La, Radcliffe, Manchester, Lancashire, M26 1JU Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A2NW (SW)	515	-	378784 406695
292	Contemporary Trade Directory Entries Name: Ratcliffe Service & Tuning Location: Radcliffe, Manchester, Greater Manchester, M26 2TQ Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A5NE (W)	519	-	378439 407435
293	Contemporary Trade Directory Entries Name: Domestic-4-U Location: 109-121, Stand Lane, Radcliffe, Manchester, M26 1JR Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	522	-	378891 406645
293	Contemporary Trade Directory Entries Name: A1 Dampproofing Location: Sunlight House, 125, Stand Lane, Radcliffe, Manchester, M26 1JR Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	548	-	378921 406612
293	Contemporary Trade Directory Entries Name: Tower Metal Co (Recycling) Ltd Location: Barlows Mill, Stand La, Radcliffe, Manchester, M26 1JP Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A2NW (SW)	552	-	378892 406614
294	Contemporary Trade Directory Entries Name: Go Wallpaper Ltd Location: 118, Stand Lane, Radcliffe, Manchester, M26 1GS Classification: Wallpapers & Wall Coverings Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	548	-	378857 406629
295	Contemporary Trade Directory Entries Name: B & S Motor Services Location: 15, Mill Bank, Radcliffe, Manchester, M26 1AJ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A5SE (SW)	554	-	378595 406800
296	Contemporary Trade Directory Entries Name: J Rosenthal Location: Britannia House, 158, Bury Road, Radcliffe, Manchester, M26 2JR Classification: Soft Furnishings - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	566	-	379388 408357
296	Contemporary Trade Directory Entries Name: D P Textiles Ltd Location: Britannia House, 158, Bury Road, Radcliffe, Manchester, M26 2JR Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	566	-	379388 408357



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
296	Contemporary Trade Directory Entries Name: Curtina Ltd Location: Britannia House, 158, Bury Road, Radcliffe, Manchester, Lancashire, M26 2JR Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	566	-	379388 408357
296	Contemporary Trade Directory Entries Name: S F Export Services Ltd Location: Bury Rd, Radcliffe, Manchester, M26 2UT Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A15SW (N)	600	-	379359 408390
297	Contemporary Trade Directory Entries Name: Renwood Ltd Location: Radcliffe, M26 2JS Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A5NE (W)	569	-	378401 407284
297	Contemporary Trade Directory Entries Name: Corporate Fleet Car Finance Ltd Location: Lancaster House 70-76, Blackburn Street, Radcliffe, Manchester, M26 2JW Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A5NE (W)	569	-	378395 407316
297	Contemporary Trade Directory Entries Name: Farnworth Express Location: 109-111, Blackburn Street, Radcliffe, Manchester, M26 3WQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	604	-	378366 407280
297	Contemporary Trade Directory Entries Name: Ascot Design Location: 109, Blackburn Street, Radcliffe, Manchester, M26 3WQ Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	604	-	378366 407280
297	Contemporary Trade Directory Entries Name: Ohm Electronics Location: 115, Blackburn Street, Radcliffe, Manchester, Lancashire, M26 3WQ Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	611	-	378356 407292
298	Contemporary Trade Directory Entries Name: G D P Ltd Location: 6a, Heber Street, Radcliffe, Manchester, Lancashire, M26 2TG Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Manually positioned to the address or location	A5NE (W)	571	-	378390 407332
299	Contemporary Trade Directory Entries Name: G W Recovery Location: 30, Duke Street, Radcliffe, Manchester, M26 1NB Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NE (S)	572	-	379029 406578
300	Contemporary Trade Directory Entries Name: A Kerfoot Location: Barlows Mill, Stand La, Chapelfield/Radcliffe, Manchester, M26 1JT Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A2NE (S)	597	-	378945 406558
300	Contemporary Trade Directory Entries Name: Real Joinery Location: Barlows Mill, Stand La, Radcliffe, Manchester, Lancashire, M26 1JT Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A2NE (S)	597	-	378945 406558
301	Contemporary Trade Directory Entries Name: A W T Location: Unit 3 Lodge Road, Radcliffe, Manchester, Greater Manchester, M26 1AL Classification: Materials Handling Equipment Status: Active Positional Accuracy: Manually positioned to the address or location	A1NE (SW)	601	-	378598 406728



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	Contemporary Trade Directory Entries Name: Radcliffe Glass & Windows Ltd Location: Lodge Brow, Radcliffe, Manchester, M26 1AL Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	601	-	378595 406730
301	Contemporary Trade Directory Entries Name: Express Tyres Location: 1a Outwood Rd, Radcliffe, Manchester, Lancashire, M26 1AQ Classification: Tyre Repairs & Retreading Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	622	-	378571 406726
301	Contemporary Trade Directory Entries Name: Molygran & Co Ltd Location: Lodge Rd, Radcliffe, Manchester, M26 1AL Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	624	-	378595 406698
302	Contemporary Trade Directory Entries Name: M C Genesis Ltd Location: 8, Woodvale Road, Radcliffe, Manchester, M26 1UA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A2NW (SW)	605	-	378875 406564
303	Contemporary Trade Directory Entries Name: Global Windows Location: Seddon House, Seddon Street, Radcliffe, Manchester, M26 4TF Classification: Fasteners & Fixing Devices Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SE (W)	608	-	378353 407474
304	Contemporary Trade Directory Entries Name: Big Art & Banners Location: 31a, Hampson Street, Radcliffe, Manchester, M26 4TN Classification: Digital Printing Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SE (W)	614	-	378356 407530
305	Contemporary Trade Directory Entries Name: Dee Bee Ceramica Location: Albert Place Business Centre, 25-39, James Street, Radcliffe, Manchester, M26 1LN Classification: Pottery Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	622	-	378664 406644
306	Contemporary Trade Directory Entries Name: Scrap Metal Collectors Location: 6, Uplands Avenue, Radcliffe, Manchester, M26 1LT Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	628	-	379299 406584
307	Contemporary Trade Directory Entries Name: Mark Doran Location: Unit 2 Lodge Road, Radcliffe, Manchester, Greater Manchester, M26 1AL Classification: Commercial Vehicle Bodybuilders & Repairers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A2NW (SW)	630	-	378608 406678
307	Contemporary Trade Directory Entries Name: Howarth Sheet Metal & Fabrication Ltd Location: Lodge Brow, Radcliffe, Manchester, M26 1AL Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A2NW (SW)	630	-	378608 406678
307	Contemporary Trade Directory Entries Name: C M Cleaning Location: Lodge Brow, Radcliffe, Manchester, Lancashire, M26 1AL Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	675	-	378574 406648



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	Contemporary Trade Directory Entries Name: Seddon Street Autos Location: Seddon Street, Radcliffe, Manchester, M26 4TF Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A5NE (W)	654	-	378306 407468
308	Contemporary Trade Directory Entries Name: Mel'S Cleaning Services Location: Seddon House, Seddon Street, Radcliffe, Manchester, M26 4TF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	654	-	378306 407468
308	Contemporary Trade Directory Entries Name: Planet Advantage Ltd Location: Water St, Radcliffe, Manchester, Lancashire, M26 3DE Classification: Waste Processing Machinery Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A5NE (W)	683	-	378276 407454
308	Contemporary Trade Directory Entries Name: Nfr Racewear Location: 15, Water Street, Radcliffe, Manchester, M26 3DE Classification: Car Accessories Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	686	-	378272 407434
309	Contemporary Trade Directory Entries Name: Diamond Shine Cleaning Location: 3, Oakwood Grove, Radcliffe, Manchester, M26 2YL Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	659	-	379329 408447
309	Contemporary Trade Directory Entries Name: Harpers Waste Management & Enviromental Services Ltd Location: 7, Oakwood Grove, Radcliffe, Manchester, M26 2YL Classification: Rubbish Clearance Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	665	-	379318 408451
310	Contemporary Trade Directory Entries Name: M N D Recovery Service Location: 150-160, Dumers Lane, Radcliffe, Manchester, M26 2GF Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (NE)	659	-	379972 408127
310	Contemporary Trade Directory Entries Name: Clavergate Ltd Location: 150-160, Dumers Lane, Radcliffe, Manchester, M26 2GF Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NE)	659	-	379972 408127
310	Contemporary Trade Directory Entries Name: Clavergate Ltd Location: 150-160, Dumers Lane, Radcliffe, Manchester, Lancashire, M26 2GF Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NE)	659	-	379972 408127
311	Contemporary Trade Directory Entries Name: A & A Location: Barlows Mill, Stand La, Radcliffe, Manchester, Lancashire, M26 1JT Classification: Recycling Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A2NE (S)	670	-	379016 406480
312	Contemporary Trade Directory Entries Name: Innovate Location: Unit 30, Eton Business Park, Eton Hill Road, Radcliffe, Manchester, M26 2ZS Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SW (N)	673	-	379478 408460
312	Contemporary Trade Directory Entries Name: Robinson Hygiene Services Location: Unit 30, Eton Business Park, Eton Hill Road, Radcliffe, Manchester, M26 2ZS Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	673	-	379478 408460



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
312	Contemporary Trade Directory Entries Name: The Gift Of Oil Location: Unit 36, Eton Business Park, Eton Hill Road, Radcliffe, Manchester, M26 2ZS Classification: Oils - Edible Status: Active Positional Accuracy: Automatically positioned to the address	A15NW (N)	695	-	379458 408484
313	Contemporary Trade Directory Entries Name: Bramah Wide Load Escorts Location: 33, Seddon Avenue, Radcliffe, Manchester, M26 2GP Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A15SE (NE)	674	-	379864 408281
314	Contemporary Trade Directory Entries Name: A J S Cleaning Services Location: 1-3, Lodge Brow, Radcliffe, M26 1AL Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	674	-	378545 406678
315	Contemporary Trade Directory Entries Name: Bolton & Bury Blinds Location: 8, Wolsey Close, Radcliffe, Manchester, M26 3AG Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NE (W)	678	-	378293 407226
315	Contemporary Trade Directory Entries Name: Bolton & Bury Blinds Location: 8, Wolsey Close, Radcliffe, Manchester, M26 3AG Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address	A5NE (W)	678	-	378293 407226
316	Contemporary Trade Directory Entries Name: Securex Location: Unit 1, Albert Works, Water St, Radcliffe, Manchester, Lancashire, M26 4DF Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A9SE (W)	693	-	378283 407563
316	Contemporary Trade Directory Entries Name: P J Products (Uk) Ltd Location: Albert Works, Water Street, Radcliffe, Manchester, Lancashire, M26 4DF Classification: Ceramic Manufacturers, Supplies & Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A9SE (W)	712	-	378263 407565
317	Contemporary Trade Directory Entries Name: Poole Projects Ltd Location: Unit 28, Eton Business Park, Eton Hill Road, Radcliffe, Manchester, M26 2ZS Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (N)	693	-	379533 408472
318	Contemporary Trade Directory Entries Name: J C S Plant Ltd Location: 1, Outwood Road, Radcliffe, Manchester, M26 1AQ Classification: Plant & Machinery Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	732	-	378474 406668
318	Contemporary Trade Directory Entries Name: Southlands Print Location: Outwood Road, Radcliffe, Manchester, Lancashire, M26 1AQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	732	-	378474 406668
319	Contemporary Trade Directory Entries Name: Hilbar Plastics Location: Windley Works, Wolsey Street, Radcliffe, Manchester, Lancashire, M26 3BB Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	732	-	378239 407196
319	Contemporary Trade Directory Entries Name: Louis Taylor Location: Windley Works, Wolsey Street, Radcliffe, Manchester, M26 3BB Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	733	-	378238 407195



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
320	Contemporary Trade Directory Entries Name: Direct Fencing & Gates Ltd Location: Unit 5, Endora House, Lodge Brow, Radcliffe, Manchester, Lancashire, M26 1AL Classification: Fencing Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A1NE (SW)	748	-	378534 406587
321	Contemporary Trade Directory Entries Name: Strebor Diecasting Co Ltd Location: P O Box 6 Allens Green Works, Hutchinson Way, Radcliffe, Manchester, M26 3AR Classification: Die-Casting Equipment & Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A5SW (W)	750	-	378249 407006
322	Contemporary Trade Directory Entries Name: Pfizer Adams Location: Dumers La, Radcliffe, Manchester, M26 2QT Classification: Confectionery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A16SW (NE)	751	-	380030 408204
322	Contemporary Trade Directory Entries Name: M H B Photography & Colour Laboratories Location: 265-267, Dumers Lane, Radcliffe, Manchester, M26 2GN Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A16SW (NE)	757	-	380023 408224
323	Contemporary Trade Directory Entries Name: Outwood Cars Location: Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	768	-	378483 406606
323	Contemporary Trade Directory Entries Name: Motor Tune (Whitefield) Location: Outwood Road, Radcliffe, Manchester, M26 1AQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	773	-	378466 406616
323	Contemporary Trade Directory Entries Name: Motorhouse M O T Centre Location: Unit 3 Outwood Road, Radcliffe, Manchester, Greater Manchester, M26 1AQ Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the address or location	A1NE (SW)	773	-	378466 406616
323	Contemporary Trade Directory Entries Name: Howley Motors Location: Unit 1a Motorhouse, Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	776	-	378479 406599
323	Contemporary Trade Directory Entries Name: Faith Products Ltd Location: Faith House, James Street, Radcliffe, Manchester, M26 1LN Classification: Toiletries Status: Active Positional Accuracy: Automatically positioned to the address	A1NE (SW)	777	-	378497 406580
323	Contemporary Trade Directory Entries Name: A & A Motors Location: Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	805	-	378466 406572
324	Contemporary Trade Directory Entries Name: Asda Petrol Location: Pilkington Way, Radcliffe, Manchester, M26 3DA Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A1NE (SW)	770	-	378323 406794



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	Contemporary Trade Directory Entries Name: Vehicles 2 Lease Location: 52b Water St, Radcliffe, Manchester, Lancashire, M26 4DF Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9SW (W)	783	-	378179 407494
326	Contemporary Trade Directory Entries Name: Pest Evictors Location: 15, Lord Street, Radcliffe, Manchester, M26 3BA Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	789	-	378171 407337
327	Contemporary Trade Directory Entries Name: James Halstead Group Plc Location: Beechfield, Hollinhurst Road, Radcliffe, MANCHESTER, M26 1JN Classification: Floorcoverings - Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	790	-	379314 406414
328	Contemporary Trade Directory Entries Name: Eton Garage Location: School Street, Radcliffe, Manchester, M26 3BP Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	793	-	378180 407142
329	Contemporary Trade Directory Entries Name: Radcliffe Car & Diesel Centre Location: Radcliffe New Road, Whitefield, Manchester, M45 7RG Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NW (SE)	796	-	379991 406526
329	Contemporary Trade Directory Entries Name: Johnsons Cleaners Location: 163a, Radcliffe New Road, Whitefield, Manchester, M45 7RG Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A4NW (SE)	809	-	379993 406513
330	Contemporary Trade Directory Entries Name: The Gas Works Location: 41, Victoria Street, Radcliffe, Manchester, M26 3AZ Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	808	-	378163 407194
331	Contemporary Trade Directory Entries Name: The Car Clinic Location: 136, Sion Street, Radcliffe, Manchester, Lancashire, M26 3SB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A5SW (SW)	817	-	378208 406917
331	Contemporary Trade Directory Entries Name: Cleaner Please Location: 36, Mulberry Close, Radcliffe, Manchester, M26 3AR Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address	A5SW (SW)	836	-	378181 406938
332	Contemporary Trade Directory Entries Name: J Cainer & Sons (Bolton) Ltd Location: Knavebrook House, Morris Street, Radcliffe, MANCHESTER, M26 2HF Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NE)	818	-	380156 408129
333	Contemporary Trade Directory Entries Name: J B Ashworth Location: 13, Ulundi Street, Radcliffe, Manchester, M26 3AN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SW (W)	819	-	378164 407071
334	Contemporary Trade Directory Entries Name: L M T Engineering Ltd Location: 47, Shetland Way, Radcliffe, Manchester, M26 4UH Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (NW)	823	-	378334 407941



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
335	Contemporary Trade Directory Entries Name: P & C Transport Service Ltd Location: The Haulage Yard, Morris St, Radcliffe, Manchester, Lancashire, M26 2HF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A16SW (NE)	823	-	380130 408186
336	Contemporary Trade Directory Entries Name: Dax Motor Company Ltd Location: Motorhouse Industrial Estate, Outwood Road, Radcliffe, Manchester, Greater Manchester, M26 1AQ Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned within the geographical locality	A1NE (SW)	827	-	378471 406536
336	Contemporary Trade Directory Entries Name: Bike Hut Motorcycles Location: Unit 1 Motor House Industrial Estate, Outwood Road, Radcliffe, Manchester, Greater Manchester, M26 1AQ Classification: Garage Services Status: Active Positional Accuracy: Manually positioned within the geographical locality	A1NE (SW)	827	-	378471 406536
336	Contemporary Trade Directory Entries Name: Outwood Tyres Location: Motorhouse, Outwood Road, Radcliffe, Manchester, Greater Manchester, M26 1AQ Classification: Tyre Dealers Status: Active Positional Accuracy: Manually positioned within the geographical locality	A1NE (SW)	838	-	378467 406526
336	Contemporary Trade Directory Entries Name: Ck Motors Location: Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	845	-	378450 406532
336	Contemporary Trade Directory Entries Name: White Horse Car Sales Location: Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	857	-	378449 406516
337	Contemporary Trade Directory Entries Name: M B W Doors Ltd Location: Unit 8, Dale St Ind Est, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Door & Gate Operating Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A1NE (SW)	827	-	378284 406750
337	Contemporary Trade Directory Entries Name: M B W Doors Location: Unit 8, Dale Street Industrial Estate, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Door Manufacturers - Industrial Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	827	-	378284 406750
338	Contemporary Trade Directory Entries Name: Rk Property Maintenance Location: 25, Mulberry Close, Radcliffe, Manchester, M26 3AR Classification: Gas Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SW (W)	831	-	378173 406980
339	Contemporary Trade Directory Entries Name: Must Have Ltd Location: Unit 14, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SW (SW)	836	-	378235 406816
339	Contemporary Trade Directory Entries Name: The Hire Business Location: Unit 14-16, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SW (SW)	836	-	378235 406816



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
339	Contemporary Trade Directory Entries Name: Fleet Controller Installations Location: Unit 14/16, Dale Street Industrial Estate, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Commercial Vehicle Component Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NW (SW)	856	-	378223 406795
340	Contemporary Trade Directory Entries Name: Bodywerx Accident & Repair Centre Location: Dale St Ind Est, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A1NE (SW)	843	-	378279 406730
340	Contemporary Trade Directory Entries Name: Dcp Racing Location: Dale St Ind Est, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	853	-	378266 406730
340	Contemporary Trade Directory Entries Name: Cool & Heat Ltd Location: Unit 2-3 Dale Street Industrial Estate, Radcliffe, Manchester, Greater Manchester, M26 1AD Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A1NE (SW)	867	-	378276 406692
340	Contemporary Trade Directory Entries Name: Glass Inc Ltd Location: Unit 2-4, Dale Street Industrial Estate, Radcliffe, MANCHESTER, M26 1AD Classification: Window Frame Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	872	-	378273 406687
340	Contemporary Trade Directory Entries Name: Excel Compressor Engineering Location: Unit 2-3, Dale Street Industrial Estate, Radcliffe, MANCHESTER, M26 1AD Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NE (SW)	872	-	378273 406687
341	Contemporary Trade Directory Entries Name: Margaret Hughes Location: 100, Lily Hill Street, Whitefield, Manchester, M45 7SG Classification: Electrolysis Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NE (SE)	856	-	380325 406776
341	Contemporary Trade Directory Entries Name: J D Controls Ltd Location: 94, Lily Hill Street, Whitefield, Manchester, M45 7SG Classification: Control Panels Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NE (SE)	864	-	380323 406754
342	Contemporary Trade Directory Entries Name: Ainsworth Road Garage Location: 4, Ainsworth Road, Radcliffe, Manchester, M26 4DJ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	877	-	378087 407508
342	Contemporary Trade Directory Entries Name: Ainsworth Road Garage Location: 4, Ainsworth Road, Radcliffe, Manchester, M26 4DJ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (W)	877	-	378087 407508
343	Contemporary Trade Directory Entries Name: E P Specialised Fluids Location: York St, Radcliffe, Manchester, Lancashire, M26 2GL Classification: Lubricant Manufacturers & Distributors Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A16SW (NE)	879	-	380048 408386



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
343	Contemporary Trade Directory Entries Name: J & W Whewell Ltd Location: 2, York Street, Radcliffe, Manchester, M26 2GL Classification: Chemical Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A16SW (NE)	899	-	380060 408402
344	Contemporary Trade Directory Entries Name: Simpson'S Of Radcliffe Location: 51, Water Street, Radcliffe, Manchester, M26 3DE Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	885	-	378073 407455
345	Contemporary Trade Directory Entries Name: Distinctive Kitchens & Bedrooms Location: Unit 11,Dale St Ind Est, Radcliffe, Manchester, Lancashire, M26 1AD Classification: Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A1NW (SW)	891	-	378202 406760
345	Contemporary Trade Directory Entries Name: Brightside Brewing Company Location: Unit 10, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Brewers Status: Active Positional Accuracy: Automatically positioned to the address	A1NW (SW)	901	-	378196 406750
345	Contemporary Trade Directory Entries Name: Highgrove Fine Furniture Location: Unit 10, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NW (SW)	901	-	378196 406750
345	Contemporary Trade Directory Entries Name: Supertech Location: Unit 9, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Computer Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A1NW (SW)	913	-	378190 406737
345	Contemporary Trade Directory Entries Name: Shaheen Foods Location: Unit 9, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A1NW (SW)	913	-	378190 406737
346	Contemporary Trade Directory Entries Name: Radcliffe Motor Bodies Location: Outwood Rd, Radcliffe, Manchester, M26 1AQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A1NE (SW)	895	-	378454 406462
347	Contemporary Trade Directory Entries Name: Press To Impress Location: 40, Lowton Street, Radcliffe, Manchester, M26 4DP Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	909	-	378118 407752
348	Contemporary Trade Directory Entries Name: B Y C Rollmakers Location: Sion Street, Radcliffe, Manchester, Greater Manchester, M26 3SF Classification: Engineers - General Status: Active Positional Accuracy: Manually positioned within the geographical locality	A5SW (SW)	918	-	378128 406846
348	Contemporary Trade Directory Entries Name: Deva Composites Location: Sion Street, Radcliffe, Manchester, M26 3SF Classification: Glass Fibre Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A5SW (SW)	919	-	378128 406846
348	Contemporary Trade Directory Entries Name: Cope Engineering Radcliffe Ltd Location: Sion Street, Radcliffe, Manchester, M26 3SF Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5SW (SW)	919	-	378128 406846



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
348	Contemporary Trade Directory Entries Name: Deva Composites Location: Sion st, Radcliffe, Manchester, Lancashire, M26 3SF Classification: Glass Fibre Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A5SW (SW)	924	-	378113 406868
349	Contemporary Trade Directory Entries Name: East Lancashire Window Co Location: 88, Water Street, Radcliffe, Manchester, M26 4BE Classification: Window Frames - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	931	-	378029 407482
350	Contemporary Trade Directory Entries Name: Lancashire Granulations Plastic Recycling Location: 10-14, Ainsworth Road, Radcliffe, Manchester, M26 4EA Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	932	-	378038 407559
350	Contemporary Trade Directory Entries Name: Radcliffe Gas Centre Location: 22, Ainsworth Road, Radcliffe, Manchester, M26 4EA Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	946	-	378029 407584
350	Contemporary Trade Directory Entries Name: J T S Location: Chapel House, Smyrna Street, Radcliffe, Manchester, M26 4BN Classification: Door Manufacturers - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	975	-	377998 407574
351	Contemporary Trade Directory Entries Name: John H Blakey Ltd Location: New Bridge Mills, Lord Street, Radcliffe, Manchester, M26 3BZ Classification: Ropes & Hawsers Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	944	-	378014 407361
351	Contemporary Trade Directory Entries Name: Radcliffe Building Supplies Ltd Location: Lord Street, Radcliffe, Manchester, M26 3BA Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	956	-	378005 407324
352	Contemporary Trade Directory Entries Name: G B Lighting Manufactuer Location: Sion Street, Radcliffe, Manchester, M26 3SB Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A1NW (SW)	954	-	378122 406775
353	Contemporary Trade Directory Entries Name: Spanners Motor Services Location: Apex Works, Water Street, Radcliffe, Manchester, Lancashire, M26 3DE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A5NW (W)	961	-	377996 407420
354	Contemporary Trade Directory Entries Name: Stand Motor Co Ltd Location: 252, Stand Lane, Radcliffe, Manchester, Lancashire, M26 1JP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A2SE (S)	963	-	379205 406204
355	Contemporary Trade Directory Entries Name: Ironxpress Location: 34-36, Ainsworth Road, Radcliffe, Manchester, Lancashire, M26 4EA Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (W)	967	-	378016 407624
356	Contemporary Trade Directory Entries Name: Rubbish Clearance Manchester Location: 23, Albion Street, Radcliffe, Manchester, M26 1BJ Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A1SE (SW)	970	-	378591 406283



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
357	Contemporary Trade Directory Entries Name: Becker-Spec Engineering Location: 57, Ashbourne Grove, Whitefield, Manchester, M45 7NL Classification: Coal Mining Status: Active Positional Accuracy: Automatically positioned to the address	A3SE (SE)	981	-	379912 406288
358	Fuel Station Entries Name: Co-Op Radcliffe Location: 55, Bury Road, Radcliffe, Manchester, M26 2UT Brand: Texaco Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A10SW (NW)	320	-	378904 407768
359	Fuel Station Entries Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Brand: Bp Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A2NE (S)	442	-	379110 406715
360	Fuel Station Entries Name: Asda Radcliffe Location: Sion Street, RADCLIFFE, Lancashire, M26 3SB Brand: Asda Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A5SE (SW)	787	-	378267 406859
360	Fuel Station Entries Name: Asda Radcliffe Location: Sion Street, Radcliffe, Manchester, Lancashire, M26 3DA Brand: ASDA Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A5SE (SW)	787	-	378267 406859
361	Fuel Station Entries Name: Stand Motor Company Location: 252, STAND ROAD, RADCLIFFE, MANCHESTER, Lancashire, M26 1JP Brand: Q8 Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A2SE (S)	963	-	379205 406204
362	Points of Interest - Commercial Services Name: T T Mobile Tyre & Towbar Fitting Location: 167 Cross Lane, Radcliffe, Manchester, M26 2RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SW (N)	26	8	379355 407789
362	Points of Interest - Commercial Services Name: Cross Lane MOT Centre Location: 153-155 Cross Lane, Radcliffe, Manchester, M26 2RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SW (N)	45	8	379319 407768
362	Points of Interest - Commercial Services Name: Cross Lane M O T Centre Ltd Location: 153 Cross Lane, Radcliffe, Manchester, M26 2RJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11SW (N)	45	8	379319 407768
362	Points of Interest - Commercial Services Name: Malone Motors Location: 5 Fletcher Street, Radcliffe, Manchester, M26 2RZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11NW (N)	59	8	379365 407838
363	Points of Interest - Commercial Services Name: Water Street Motors Location: 20 Rectory Lane, Radcliffe, Manchester, M26 2QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NE (W)	34	8	379003 407316



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
363	Points of Interest - Commercial Services Name: Water Street Motors Location: 20 Rectory Lane, Radcliffe, Manchester, M26 2QU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NE (W)	34	8	379003 407316
364	Points of Interest - Commercial Services Name: Tottington Motor Bodies Location: East Street, Radcliffe, Manchester, M26 2PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NW (SW)	62	8	378914 407241
364	Points of Interest - Commercial Services Name: Tottington Motor Bodies Location: East Street, Radcliffe, Manchester, M26 2PW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NW (SW)	62	8	378914 407241
365	Points of Interest - Commercial Services Name: Radcliffe Waste Recycling Ltd Location: Unit 59 Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A6NE (S)	75	8	379267 407152
365	Points of Interest - Commercial Services Name: Better Finish Auto Repairs Ltd Location: Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NE (S)	107	8	379187 407161
366	Points of Interest - Commercial Services Name: Quest Location: 42 Eton Hill Road, Radcliffe, Manchester, M26 2XT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NW (N)	150	8	379443 407935
367	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Bury Road, Radcliffe, Manchester, M26 2UG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (W)	157	8	378854 407521
367	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Bury Road, Radcliffe, Manchester, M26 2UG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (W)	157	8	378854 407521
367	Points of Interest - Commercial Services Name: Kwik-Fit (GB) Limited Location: Bury Road, Radcliffe, Manchester, M26 2UG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (W)	157	8	378854 407521
368	Points of Interest - Commercial Services Name: Victoria Motors Location: Fletcher Street, Radcliffe, Manchester, M26 2RZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11NW (N)	161	8	379301 407918
369	Points of Interest - Commercial Services Name: M & E Body Repairs Location: Unit 28 Pioneer Mill, Milltown Street, Radcliffe, Manchester, M26 1WN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SE (S)	187	8	379195 407060
370	Points of Interest - Commercial Services Name: K C Motors Location: Barlow Street, Radcliffe, Manchester, M26 2SU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NW (W)	210	8	378760 407330



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	Points of Interest - Commercial Services Name: B & G M O T Centre Ltd Location: 101 Church Street West, Radcliffe, Manchester, M26 2SX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NW (W)	213	8	378770 407288
371	Points of Interest - Commercial Services Name: Kestrel Forwarding Ltd Location: Station Works, Bury Road, Radcliffe, Manchester, M26 2UA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A10SE (NW)	215	8	378943 407668
371	Points of Interest - Commercial Services Name: Kestrel Forwarding Ltd Location: Station Works, Bury Road, Radcliffe, Manchester, M26 2UA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A10SE (NW)	215	8	378943 407668
372	Points of Interest - Commercial Services Name: J H & A Unsworth Ltd Location: Sheet Metal Works 49, Bury Road, Radcliffe, Manchester, M26 2UG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A10SW (NW)	281	8	378860 407698
372	Points of Interest - Commercial Services Name: J H & A Unsworth Ltd Location: Sheet Metal Works 49, Bury Road, Radcliffe, Manchester, M26 2UG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A10SW (NW)	281	8	378860 407698
372	Points of Interest - Commercial Services Name: Bury Road Garage Ltd Location: 53 Bury Road, Radcliffe, Manchester, M26 2UT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A10SW (NW)	299	8	378871 407727
372	Points of Interest - Commercial Services Name: Co-Op Radcliffe Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A10SW (NW)	320	8	378904 407768
372	Points of Interest - Commercial Services Name: Car Wash Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A10SW (NW)	320	8	378904 407768
373	Points of Interest - Commercial Services Name: Wax on Wax Off Car Wash Location: Unit 1c Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A11NE (NE)	306	8	379692 407911
374	Points of Interest - Commercial Services Name: R C A Logistics Ltd Location: Unit 9 Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A6NW (W)	338	8	378620 407415
374	Points of Interest - Commercial Services Name: Nrc Motor Services Location: Unit 5 Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	366	8	378594 407362



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
374	Points of Interest - Commercial Services Name: Nrc Motor Services Location: Unit 5 Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	366	8	378594 407362
374	Points of Interest - Commercial Services Name: N Jones Auto Bodies Location: Unit 5 Globe Industrial Estate, Darbyshire Street, Radcliffe, Manchester, M26 2TA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	366	8	378594 407362
375	Points of Interest - Commercial Services Name: Northwest Landrovers Location: Unit 4 Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A11NE (NE)	356	8	379710 407972
375	Points of Interest - Commercial Services Name: P & C Transport Services Ltd Location: Unit 8a Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (NE)	362	8	379681 408022
375	Points of Interest - Commercial Services Name: Bury Poultry Ltd Location: Unit 9c Bealey Industrial Estate, Dumers Lane, Radcliffe, Manchester, M26 2BD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A11NE (NE)	410	8	379692 408079
376	Points of Interest - Commercial Services Name: Autogleem Location: 15 Inwell Street, Radcliffe, Manchester, M26 1LR Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A6SW (SW)	364	8	378791 406872
377	Points of Interest - Commercial Services Name: Car Wash Location: New Road, Radcliffe, Manchester, M26 1LS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A2NE (S)	442	8	379110 406715
377	Points of Interest - Commercial Services Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A2NE (S)	462	8	379129 406699
378	Points of Interest - Commercial Services Name: M Star Location: 91a Stand Lane, Radcliffe, Manchester, M26 1JR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	482	8	378847 406703
378	Points of Interest - Commercial Services Name: Hiq Tyre Services Location: 91a Stand Lane, Radcliffe, Manchester, M26 1JR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	482	8	378847 406703
378	Points of Interest - Commercial Services Name: A M S Location: 102 Stand Lane, Radcliffe, Manchester, M26 1JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	527	8	378813 406668



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
378	Points of Interest - Commercial Services Name: A M S Terraclean North Manchester Location: Stand Lane, Radcliffe, Manchester, M26 1JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	543	8	378828 406645
378	Points of Interest - Commercial Services Name: A & R Motor Care Location: Stand Lane, Radcliffe, Manchester, M26 1JU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	543	8	378828 406645
379	Points of Interest - Commercial Services Name: Mark Doran Location: Unit 2, Lodge Road, Radcliffe, Manchester, M26 1AL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A2NW (SW)	589	8	378607 406736
379	Points of Interest - Commercial Services Name: Howarth Sheet Metal & Fabrication Ltd Location: Lodge Brow, Radcliffe, Manchester, M26 1AL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A2NW (SW)	630	8	378608 406678
379	Points of Interest - Commercial Services Name: Howarth Sheet Metal & Fabrication Ltd Location: Lodge Brow, Radcliffe, Manchester, M26 1AL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A2NW (SW)	630	8	378608 406678
380	Points of Interest - Commercial Services Name: Seddon Street Autos Location: Seddon Street, Radcliffe, Manchester, M26 4TF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	654	8	378306 407468
380	Points of Interest - Commercial Services Name: Seddon Street Autos Location: Seddon Street, Radcliffe, Manchester, M26 4TF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	654	8	378306 407468
381	Points of Interest - Commercial Services Name: M N D Recovery Service Location: 150-160 Dumers Lane, Radcliffe, Manchester, M26 2GF Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12NW (NE)	659	8	379972 408127
382	Points of Interest - Commercial Services Name: Bramah Wide Load Escorts Location: 33 Seddon Avenue, Radcliffe, Manchester, M26 2GP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SE (NE)	674	8	379864 408281
383	Points of Interest - Commercial Services Name: Academy Group Location: Eton Business Park, Bury Road, Radcliffe, Manchester, M26 2ZS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A15SW (N)	687	8	379435 408477
384	Points of Interest - Commercial Services Name: Merc Star Location: Albert Works, Water Street, Radcliffe, Manchester, M26 4DF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SE (W)	712	8	378263 407565
385	Points of Interest - Commercial Services Name: A M Auto Glass Ltd Location: Windley Works, Wolsey Street, Radcliffe, Manchester, M26 3BB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NW (W)	732	8	378239 407196



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
386	Points of Interest - Commercial Services Name: Q V S Mobile Valeting Services Location: 3 Hindle Street, Radcliffe, Manchester, M26 3AH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A5SW (W)	740	8	378238 407103
386	Points of Interest - Commercial Services Name: J B Ashworth Location: 13 Ulundi Street, Radcliffe, Manchester, M26 3AN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A5SW (W)	819	8	378164 407071
387	Points of Interest - Commercial Services Name: Motorhouse M O T Centre Location: Unit 3 Outwood Road, Radcliffe, Manchester, M26 1AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	773	8	378466 406616
387	Points of Interest - Commercial Services Name: Radcliffe Motor Bodies Location: Outwood Road, Radcliffe, Manchester, M26 1AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	773	8	378466 406616
387	Points of Interest - Commercial Services Name: Howley Motors Location: Outwood Road, Radcliffe, Manchester, M26 1AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	773	8	378466 406616
388	Points of Interest - Commercial Services Name: Pest Evictors Location: 15 Lord Street, Radcliffe, Manchester, M26 3BA Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A5NW (W)	789	8	378171 407337
389	Points of Interest - Commercial Services Name: Advanced Motorcare Ltd Location: Unit 5, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	813	8	378315 406731
389	Points of Interest - Commercial Services Name: Advanced Motorcare Ltd Location: Unit 5, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	813	8	378315 406731
389	Points of Interest - Commercial Services Name: Dcp Racing Ltd Location: Unit 8, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NE (SW)	827	8	378284 406750
390	Points of Interest - Commercial Services Name: The Big Yellow Car Wash Location: 136 Sion Street, Radcliffe, Manchester, M26 3SB Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A5SW (SW)	817	8	378208 406917
390	Points of Interest - Commercial Services Name: The Car Clinic Location: 136 Sion Street, Radcliffe, Manchester, M26 3SB Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5SW (SW)	817	8	378208 406917
391	Points of Interest - Commercial Services Name: M A D Location: Unit 11, Dale Street Industrial Estate, Radcliffe, Manchester, M26 1AD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A1NW (SW)	891	8	378203 406760



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
392	Points of Interest - Commercial Services Name: D Goldin Location: 10 Siddall Street, Radcliffe, Manchester, M26 4AX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (W)	933	8	378056 407646
392	Points of Interest - Commercial Services Name: Goldin David Motor Engineers Location: 10 Siddall Street, Radcliffe, Manchester, M26 4AX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SW (W)	933	8	378056 407646
393	Points of Interest - Commercial Services Name: Spanners Motor Services Location: Apex Works, Water Street, Radcliffe, Manchester, M26 3DE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NW (W)	961	8	377996 407420
393	Points of Interest - Commercial Services Name: Spanners Motor Services Location: Apex Works, Water Street, Radcliffe, Manchester, M26 3DE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NW (W)	961	8	377996 407420
394	Points of Interest - Commercial Services Name: Rubbish Clearance Manchester Location: 23 Albion Street, Radcliffe, Manchester, M26 1BJ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A1SE (SW)	970	8	378591 406283
395	Points of Interest - Education and Health Name: Bealey Community Hospital Location: Dumers Lane, Radcliffe, Manchester, M26 2QD Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A11SE (NE)	159	8	379613 407728
396	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6NE (W)	0	8	379171 407445
396	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	8	379171 407445
396	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	8	379229 407426
397	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	0	8	379291 407311
397	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	0	8	379305 407328
398	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379406 407759



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
398	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379406 407760
398	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	45	8	379335 407798
398	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	45	8	379336 407798
398	Points of Interest - Manufacturing and Production Name: Crown Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	56	8	379354 407826
398	Points of Interest - Manufacturing and Production Name: Crown Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	57	8	379354 407827
399	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	0	8	379249 407397
399	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6NE (NW)	0	8	379259 407441
400	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	8	378978 407383
400	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	0	8	378978 407383
400	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	30	8	379011 407322
400	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	42	8	378990 407315
400	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (W)	42	8	378990 407316



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
401	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SW (NE)	2	8	379472 407656
401	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	3	8	379485 407614
401	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	3	8	379485 407614
401	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	23	8	379512 407596
401	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	24	8	379505 407620
401	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	52	8	379509 407689
401	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11SW (NE)	52	8	379509 407689
402	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	28	8	378961 407181
402	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	28	8	378961 407181
402	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	58	8	378917 407239
402	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	58	8	378917 407239
403	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	47	8	379132 407209



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
404	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	61	8	379040 407091
404	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	61	8	379040 407091
405	Points of Interest - Manufacturing and Production Name: Anotec Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	87	8	379310 407832
405	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	87	8	379310 407831
406	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11SW (NE)	98	8	379533 407732
407	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (N)	135	8	379173 407751
407	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (N)	136	8	379173 407752
407	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	196	8	379087 407758
407	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	196	8	379087 407758
408	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	175	8	378950 406992
408	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A6SE (SW)	177	8	378952 406989
409	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	179	8	378792 407198



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
409	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	179	8	378792 407198
409	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	184	8	378786 407205
409	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (SW)	184	8	378786 407206
410	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	186	8	378877 407037
410	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	187	8	378877 407036
410	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	259	8	378816 406996
410	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	259	8	378817 406995
411	Points of Interest - Manufacturing and Production Name: Station Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	201	8	378941 407652
411	Points of Interest - Manufacturing and Production Name: Station Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	202	8	378941 407653
411	Points of Interest - Manufacturing and Production Name: Seed Street Iron Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (NW)	254	8	378868 407671
411	Points of Interest - Manufacturing and Production Name: Bury Road Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (NW)	264	8	378865 407681
411	Points of Interest - Manufacturing and Production Name: Bury Road Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (NW)	264	8	378865 407681



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
411	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (NW)	280	8	378877 407708
411	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (NW)	280	8	378877 407708
412	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	216	8	379470 407996
412	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A11NW (N)	216	8	379470 407996
413	Points of Interest - Manufacturing and Production Name: Bealey Industrial Estate Location: M26 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A11NE (NE)	290	8	379648 407945
414	Points of Interest - Manufacturing and Production Name: Willow Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (W)	303	8	378668 407226
415	Points of Interest - Manufacturing and Production Name: Albert Iron Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A6NW (W)	316	8	378646 407347
415	Points of Interest - Manufacturing and Production Name: Albert Iron Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6NW (W)	320	8	378642 407346
415	Points of Interest - Manufacturing and Production Name: Globe Industrial Estate Location: M26 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A5NE (W)	361	8	378596 407387
416	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	321	8	378711 407022
416	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	322	8	378710 407022
417	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A10SW (W)	349	8	378620 407494



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	453	8	379731 408101
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	456	8	379731 408106
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	459	8	379732 408109
418	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11NE (NE)	460	8	379727 408115
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	461	8	379733 408111
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	465	8	379737 408112
418	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A11NE (NE)	467	8	379735 408117
419	Points of Interest - Manufacturing and Production Name: Eton Hill Industrial Estate Location: M26 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A15SW (N)	455	8	379561 408217
419	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SW (N)	520	8	379607 408269
419	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15SW (N)	520	8	379596 408273
419	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SW (N)	526	8	379606 408276
420	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A8SW (SE)	556	8	380051 406902



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
421	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A4NW (SE)	589	8	379962 406757
421	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A4NW (SE)	666	8	379983 406676
421	Points of Interest - Manufacturing and Production Name: Tanks Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A4NW (SE)	669	8	379974 406666
421	Points of Interest - Manufacturing and Production Name: Tank Location: M45 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A4NW (SE)	670	8	379980 406669
422	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SE (SW)	594	8	378414 407003
422	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SE (SW)	629	8	378384 406984
423	Points of Interest - Manufacturing and Production Name: Works Location: BL9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	610	8	379995 407985
424	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A2NW (SW)	629	8	378821 406555
425	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	652	8	379970 408117
425	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	656	8	379976 408116
425	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	710	8	380033 408128
425	Points of Interest - Manufacturing and Production Name: Works Location: BL9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	711	8	380034 408128



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
426	Points of Interest - Manufacturing and Production Name: Albert Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	693	8	378283 407564
426	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	693	8	378283 407562
427	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	699	8	379408 406533
428	Points of Interest - Manufacturing and Production Name: Crow Oak Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	708	8	379519 406509
428	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	710	8	379520 406507
428	Points of Interest - Manufacturing and Production Name: Crow Oak Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	758	8	379444 406470
428	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A3SW (S)	768	8	379536 406448
429	Points of Interest - Manufacturing and Production Name: Victoria Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	712	8	378246 407368
429	Points of Interest - Manufacturing and Production Name: Victoria Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	712	8	378246 407368
430	Points of Interest - Manufacturing and Production Name: Windley Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	712	8	378259 407176
430	Points of Interest - Manufacturing and Production Name: Windley Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	712	8	378259 407176
431	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A2NW (SW)	747	8	378741 406460



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
431	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A2NW (SW)	754	8	378672 406484
431	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A2SW (SW)	784	8	378771 406409
431	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A2SW (SW)	784	8	378771 406409
432	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	769	8	378374 406727
433	Points of Interest - Manufacturing and Production Name: Crow Oak Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A3SE (S)	782	8	379654 406435
434	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SE (NE)	797	8	379867 408438
434	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SE (NE)	812	8	379907 408426
434	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SE (NE)	824	8	379936 408418
434	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15SE (NE)	830	8	379943 408419
434	Points of Interest - Manufacturing and Production Name: Tanks Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	831	8	379939 408424
435	Points of Interest - Manufacturing and Production Name: Works Location: BL9 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	806	8	380263 407868
436	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A1NE (SW)	814	8	378285 406772



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
436	Points of Interest - Manufacturing and Production Name: Dale Industrial Estate Location: M26 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	851	8	378276 406720
437	Points of Interest - Manufacturing and Production Name: A Stott Location: Coney Green, Radcliffe, Manchester, M26 4ER Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A9NE (NW)	820	8	378429 408037
437	Points of Interest - Manufacturing and Production Name: A Stott Location: Coney Green, Radcliffe, Manchester, M26 4ER Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A9NE (NW)	820	8	378429 408037
438	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A15NE (NE)	844	8	379829 408518
439	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A3SW (S)	853	8	379527 406363
440	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SW (SW)	881	8	378163 406858
440	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SW (SW)	881	8	378163 406859
441	Points of Interest - Manufacturing and Production Name: Holywell Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	885	8	380005 408438
441	Points of Interest - Manufacturing and Production Name: Holywell Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	885	8	380004 408438
441	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A16NW (NE)	909	8	379965 408504
441	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A15NE (NE)	929	8	379936 408551
442	Points of Interest - Manufacturing and Production Name: Chemical Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	906	8	380075 408396



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
442	Points of Interest - Manufacturing and Production Name: New Bridge Chemical Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	907	8	380075 408398
442	Points of Interest - Manufacturing and Production Name: Tank Location: M26 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A16SW (NE)	929	8	380102 408401
443	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	912	8	380250 408152
443	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	912	8	380250 408152
444	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	946	8	378015 407319
444	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	946	8	378015 407319
445	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SW (W)	953	8	378055 406946
446	Points of Interest - Manufacturing and Production Name: Victoria Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A1NW (SW)	961	8	378117 406769
446	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A1NW (SW)	962	8	378118 406765
446	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SW (SW)	991	8	378060 406821
446	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5SW (SW)	998	8	378053 406819
447	Points of Interest - Manufacturing and Production Name: Apex Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	967	8	377990 407429



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
447	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A5NW (W)	967	8	377990 407428
448	Points of Interest - Manufacturing and Production Name: Becker-spec Engineering Location: 57 Ashbourne Grove, Whitefield, Manchester, M45 7NL Category: Extractive Industries Class Code: Coal Mining Positional Accuracy: Positioned to address or location	A3SE (SE)	981	8	379912 406288
449	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15NE (NE)	981	8	379887 408643
449	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A15NE (NE)	981	8	379887 408643
450	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	983	8	380283 408242
450	Points of Interest - Manufacturing and Production Name: Works Location: M26 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A16SW (NE)	984	8	380283 408243
451	Points of Interest - Manufacturing and Production Name: Works Location: M45 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A4NE (SE)	994	8	380300 406518
452	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (N)	0	8	379239 407541
452	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	0	8	379226 407528
452	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379281 407595
452	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	0	8	379204 407489
452	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (N)	0	8	379242 407553



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
452	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	0	8	379164 407530
452	Points of Interest - Public Infrastructure Name: Sluices Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (N)	0	8	379264 407586
453	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	0	8	379290 407353
453	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	0	8	379318 407370
453	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	0	8	379289 407363
453	Points of Interest - Public Infrastructure Name: Settling Tanks Location: M26 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A7NW (S)	0	8	379308 407353
453	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A7NW (SE)	0	8	379308 407366
454	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379323 407616
454	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379326 407648
455	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379387 407728
455	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A11SW (N)	0	8	379396 407720
456	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	5	8	379148 407283



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
456	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	6	8	379213 407264
457	Points of Interest - Public Infrastructure Name: Refuse Tip Location: M26 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7SE (SE)	186	8	379728 407089
458	Points of Interest - Public Infrastructure Name: Weir Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10SE (NW)	189	8	378994 407673
459	Points of Interest - Public Infrastructure Name: Refuse Tip Location: M26 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7SE (SE)	312	8	379627 406905
460	Points of Interest - Public Infrastructure Name: BP Service Station Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	319	8	378904 407767
460	Points of Interest - Public Infrastructure Name: Texaco Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	319	8	378904 407767
460	Points of Interest - Public Infrastructure Name: Central Service Station Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	319	8	378904 407767
460	Points of Interest - Public Infrastructure Name: BP Service Station Location: Bury Road, Radcliffe, Manchester, M26 2UG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	319	8	378904 407767
460	Points of Interest - Public Infrastructure Name: Central Service Station Location: 55 Bury Rd, Radcliffe, Manchester, Lancashire, M26 2UG Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	320	8	378904 407768
460	Points of Interest - Public Infrastructure Name: Co-Op Radcliffe Location: 55 Bury Road, Radcliffe, Manchester, M26 2UT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A10SW (NW)	320	8	378904 407768
460	Points of Interest - Public Infrastructure Name: R T K Grab Hire Location: 59 Bury Road, Radcliffe, Manchester, M26 2UT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A10SW (NW)	321	8	378914 407779
461	Points of Interest - Public Infrastructure Name: Refuse Tip Location: M45 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A7SW (S)	328	8	379446 406917



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
462	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	387	8	378829 406817
462	Points of Interest - Public Infrastructure Name: Graveyard Location: M26 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	393	8	378820 406816
463	Points of Interest - Public Infrastructure Name: BP Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A2NE (S)	442	8	379110 406715
463	Points of Interest - Public Infrastructure Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A2NE (S)	442	8	379110 406715
463	Points of Interest - Public Infrastructure Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A2NE (S)	442	8	379110 406715
463	Points of Interest - Public Infrastructure Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A2NE (S)	442	8	379110 406715
463	Points of Interest - Public Infrastructure Name: Greencroft Service Station Location: New Road, Radcliffe, Manchester, M26 1LS Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A2NE (S)	443	8	379110 406715
464	Points of Interest - Public Infrastructure Name: Chapel of Rest Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A5NE (W)	463	8	378494 407412
465	Points of Interest - Public Infrastructure Name: North Junction Location: M26 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to an adjacent address or location	A10NE (NW)	469	8	379013 408074
465	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10NE (N)	479	8	379061 408134
465	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A10NE (N)	485	8	379049 408132
466	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	495	8	379683 408198



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
467	Points of Interest - Public Infrastructure Name: Radcliffe Police Station Location: Police Station, Railway Street, Radcliffe, Manchester, M26 3AA Category: Central and Local Government Class Code: Police Stations Positional Accuracy: Positioned to address or location	A5SE (SW)	549	8	378462 407006
467	Points of Interest - Public Infrastructure Name: Bus Station Location: M26 Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A5SE (SW)	566	8	378491 406911
468	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NW (NE)	588	8	380049 407814
469	Points of Interest - Public Infrastructure Name: Outfall Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	617	8	380116 407706
470	Points of Interest - Public Infrastructure Name: Harpers Waste Management & Environmental Services Ltd Location: 7 Oakwood Grove, Radcliffe, Manchester, M26 2YL Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A15SW (N)	665	8	379318 408451
471	Points of Interest - Public Infrastructure Name: Sluice Location: M45 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	676	8	379457 406551
471	Points of Interest - Public Infrastructure Name: Sluice Location: M45 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	708	8	379496 406512
472	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	701	8	378480 406709
472	Points of Interest - Public Infrastructure Name: Settling Tank Location: M26 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	701	8	378485 406703
472	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	714	8	378468 406702
473	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15SE (N)	716	8	379669 408455
473	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	721	8	379716 408440



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
473	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15SE (NE)	741	8	379721 408459
473	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A15NE (N)	742	8	379641 408493
474	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A2SW (S)	784	8	378905 406375
474	Points of Interest - Public Infrastructure Name: Sluice Location: M26 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A2SW (S)	875	8	378926 406281
475	Points of Interest - Public Infrastructure Name: Radcliffe Location: Pilkington Way, Radcliffe, Manchester, M26 3DA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A5SE (SW)	786	8	378268 406860
475	Points of Interest - Public Infrastructure Name: Asda Petrol Location: Riverside Retail Park, Radcliffe, Manchester, M26 3DA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A5SE (SW)	787	8	378265 406862
475	Points of Interest - Public Infrastructure Name: Asda Radcliffe Location: Sion Street, Radcliffe, Manchester, M26 3DA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A5SE (SW)	787	8	378267 406859
476	Points of Interest - Public Infrastructure Name: Sewage Works Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (E)	813	8	380303 407766
476	Points of Interest - Public Infrastructure Name: Sewage Works Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12SE (E)	816	8	380305 407771
477	Points of Interest - Public Infrastructure Name: Sewage Works Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (NE)	814	8	380240 407937
477	Points of Interest - Public Infrastructure Name: Sewage Works Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NW (NE)	814	8	380240 407938
477	Points of Interest - Public Infrastructure Name: Sewage Works Location: BL9 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NE (NE)	844	8	380300 407877



Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
478	Points of Interest - Public Infrastructure Name: Refuse Tip Location: BL9 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	914	8	380489 407387
479	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	244	8	378960 406915
479	Points of Interest - Recreational and Environmental Name: Playground Location: Irwell Street, M26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	244	8	378960 406915
480	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A11SE (E)	328	8	379845 407566
480	Points of Interest - Recreational and Environmental Name: Play Area Location: Nr Riverside Road, M26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A11SE (E)	331	8	379848 407562
481	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6NW (W)	365	8	378607 407181
482	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A5NE (W)	683	8	378280 407309
482	Points of Interest - Recreational and Environmental Name: Playground Location: Abden Street, M26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A5NE (W)	683	8	378280 407310
483	Points of Interest - Recreational and Environmental Name: Skateboard Park Location: Mulberry Close, M26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A5SW (W)	782	8	378221 406989



Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
484	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A7NW (S)	0	5	379348 407262
485	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A10SW (NW)	389	5	378813 407797
486	Areas of Adopted Green Belt Authority: Bury Metropolitan Borough Council Plan Name: Bury Unitary Development Plan Status: Adopted Plan Date: 29th August 1997	A3SW (S)	752	5	379354 406397



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Bury Metropolitan Borough Council - Environmental Health Department Manchester City Council - Environmental Health Department	January 2015 March 2015 November 2013 October 2013 September 2014	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North West Region	October 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - North West Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North West Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North West Region	October 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Bury Metropolitan Borough Council - Environmental Health Department Bolton Metropolitan Borough Council - Environmental Health Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department Manchester City Council - Environmental Health Department	February 2015 July 2014 July 2014 March 2015 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	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	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North West Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North West Region - South Area	October 2016	Quarterly
Water Abstractions Environment Agency - North West Region	July 2016	Quarterly
Water Industry Act Referrals Environment Agency - North West Region	October 2016	Quarterly



Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	October 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	October 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	October 2016	Quarterly
Flood Defences Environment Agency - Head Office	October 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually



Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	August 2016	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 - South Area	August 2016	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North West Region - South Area	July 2016	Quarterly
Local Authority Landfill Coverage Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council - Environmental Health Department Salford City Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North West Region - South Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites 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	July 2016	Bi-Annually
Explosive Sites Health and Safety Executive	September 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Salford City Council	February 2016 February 2016 February 2016 February 2016 June 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Bolton Metropolitan Borough Council - Planning Department Bury Metropolitan Borough Council Manchester City Council - Planning Department Rochdale Metropolitan Borough Council Salford City Council	February 2016 February 2016 February 2016 February 2016 June 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update



Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	October 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	July 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	September 2016	Quarterly
Points of Interest - Education and Health PointX	September 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2016	Quarterly
Points of Interest - Public Infrastructure PointX	September 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually



Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2016	Bi-Annually
Areas of Adopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	September 2016 September 2016 September 2016 September 2016 September 2016	As notified As notified As notified As notified As notified
Areas of Unadopted Green Belt Bolton Metropolitan Borough Council Bury Metropolitan Borough Council Manchester City Council Rochdale Metropolitan Borough Council Salford City Council	September 2016 September 2016 September 2016 September 2016 September 2016	As notified As notified As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	September 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	September 2016	Bi-Annually
National Nature Reserves Natural England	September 2016	Bi-Annually
National Parks Natural England	August 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

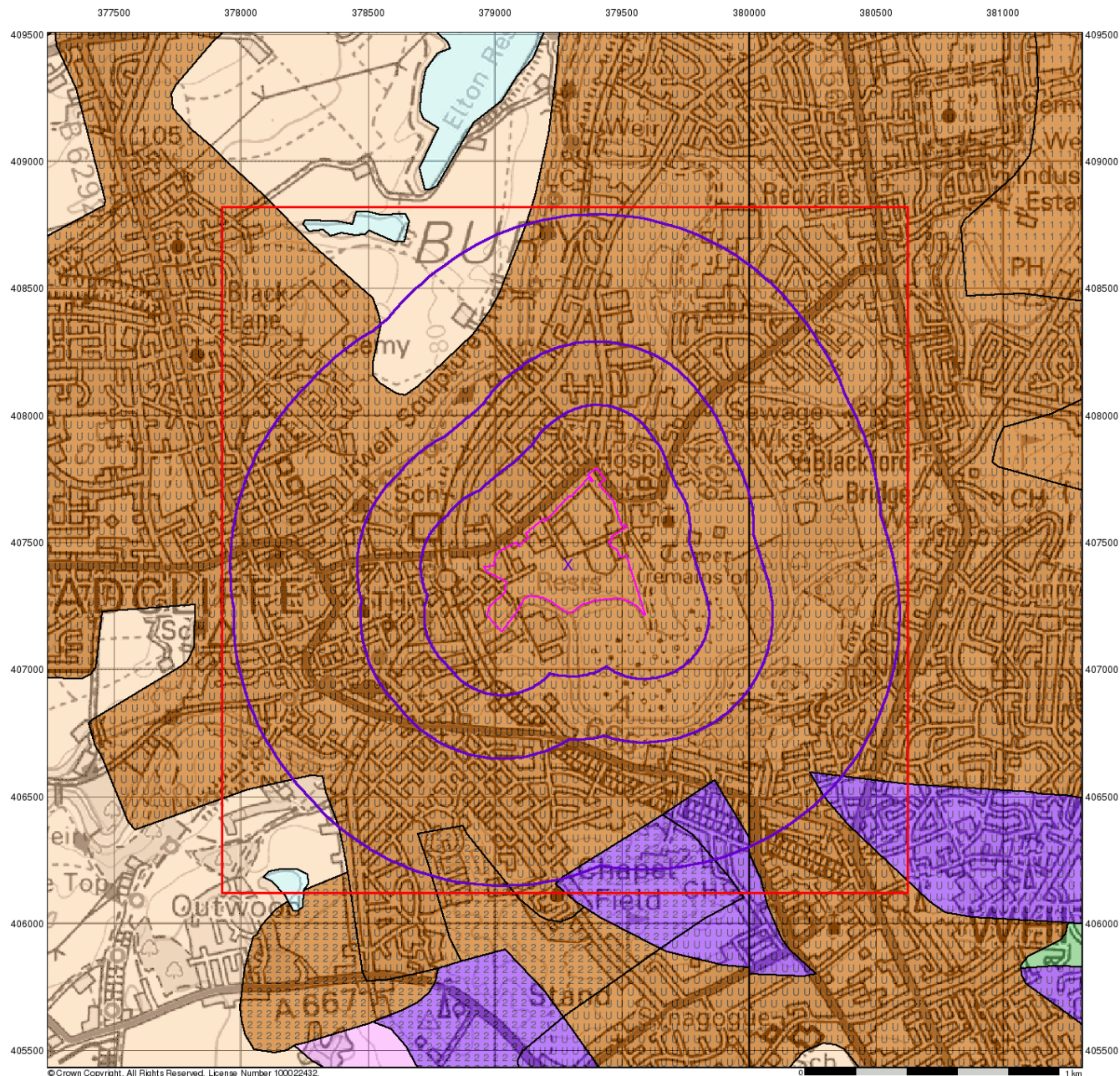
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT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



Useful Contacts

Contact	Name and Address	Contact Details
2	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
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Bury Metropolitan Borough Council - Environmental Health Department 3 Knowsley Place, Duke Street, Bury, Lancashire, BL9 0EJ	Telephone: 0161 253 5000 Fax: 0161 253 5563 Website: www.bury.gov.uk
5	Bury Metropolitan Borough Council Craig House, Bank Street, Bury, Lancashire, BL9 0DN	Telephone: 0161 253 5000 Fax: 0161 705 5290 Website: www.bury.gov.uk
6	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Bolton Metropolitan Borough Council Town Hall, The Wellsprings, Bolton, Lancashire, BL1 1US	Telephone: 01204 522311 Fax: 01204 392808 Website: www.bolton.gov.uk
11	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
12	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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Groundwater Vulnerability

General

- ⬡ Specified Site ⬢ Specified Buffer(s) X Bearing Reference Point
- ⬡ Slice B Map ID

Agency and Hydrological

Geological Classes

**Major Aquifer
(Highly Permeable)**

**Minor Aquifer
(Variably Permeable)**

**Non Aquifer
(Negligibly Permeable)**

Water or Sea

Drift Deposit

Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

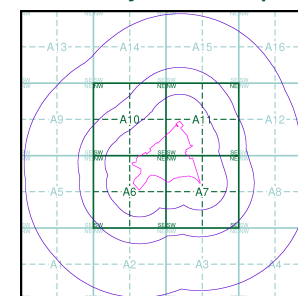
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

Site Sensitivity Context Map - Slice A



Order Details

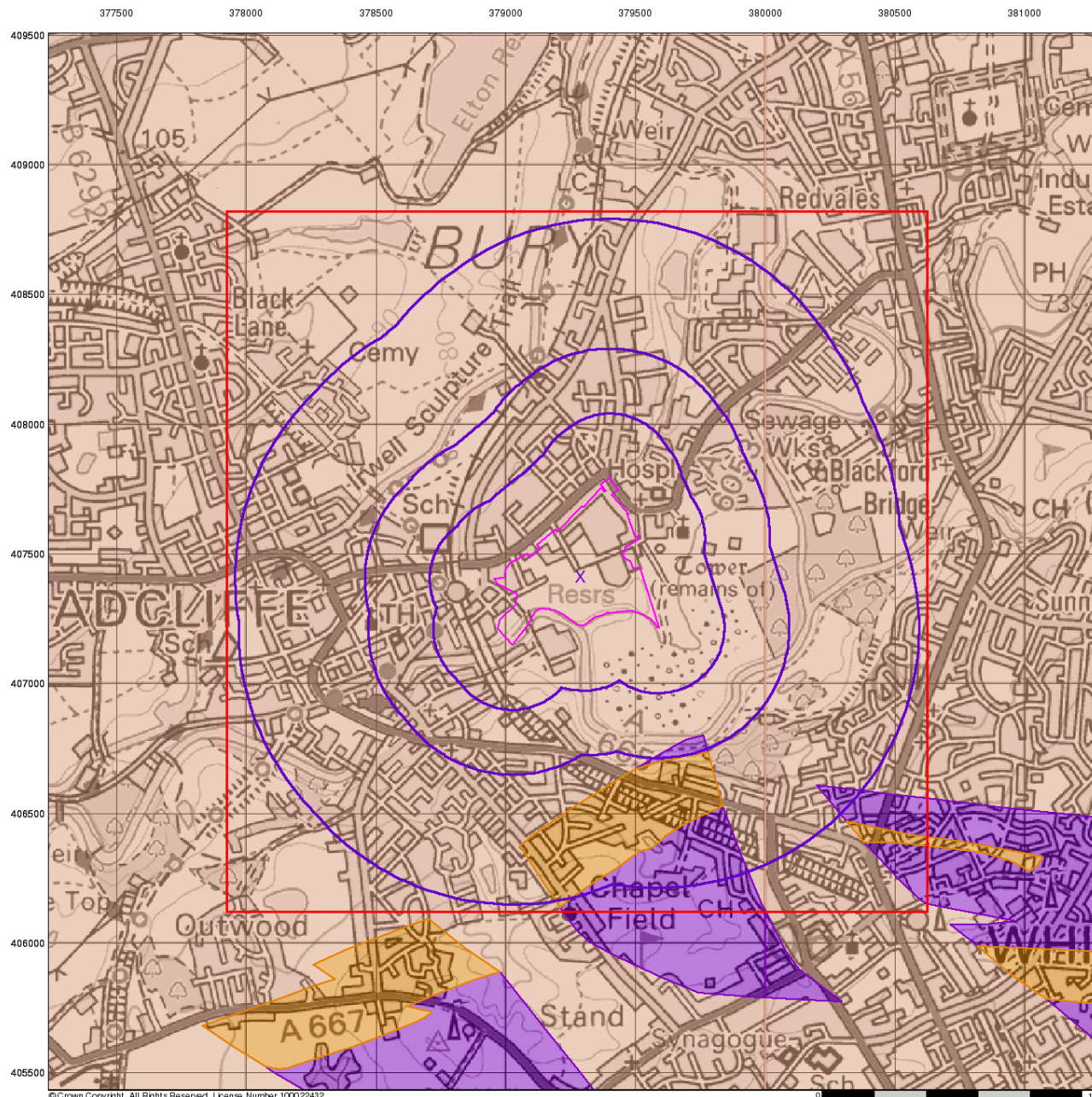
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 National Grid Reference: 379290, 407410
 Slice: A
 Site Area (Ha): 19.06
 Search Buffer (m): 1000

Site Details

Site at 379250, 407450

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Bedrock Aquifer Designation

General

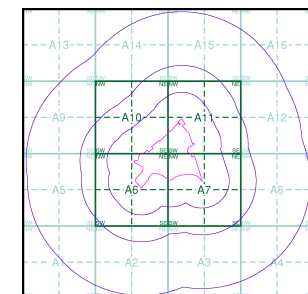
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

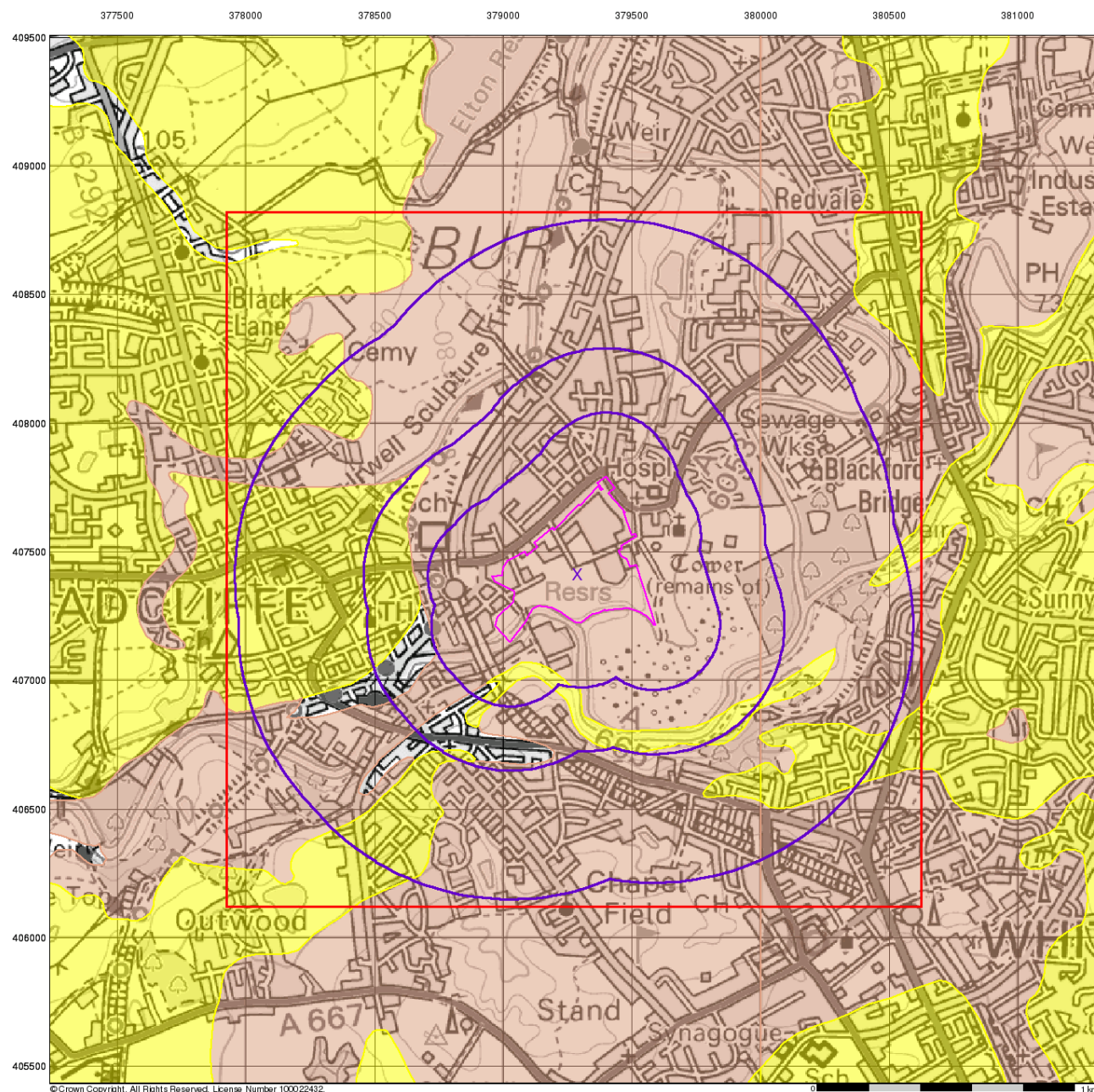
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 National Grid Reference: 379290, 407410
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Superficial Aquifer Designation

General

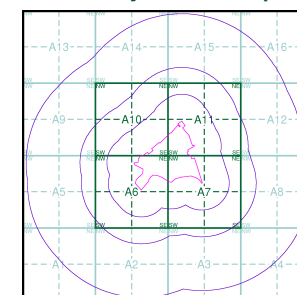
-  Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Agency and Hydrological

Geological Classes

-  Principal Aquifer
-  Secondary A Aquifer
-  Secondary B Aquifer
-  Secondary Undifferentiated
-  Unproductive Strata
-  Unknown
-  Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

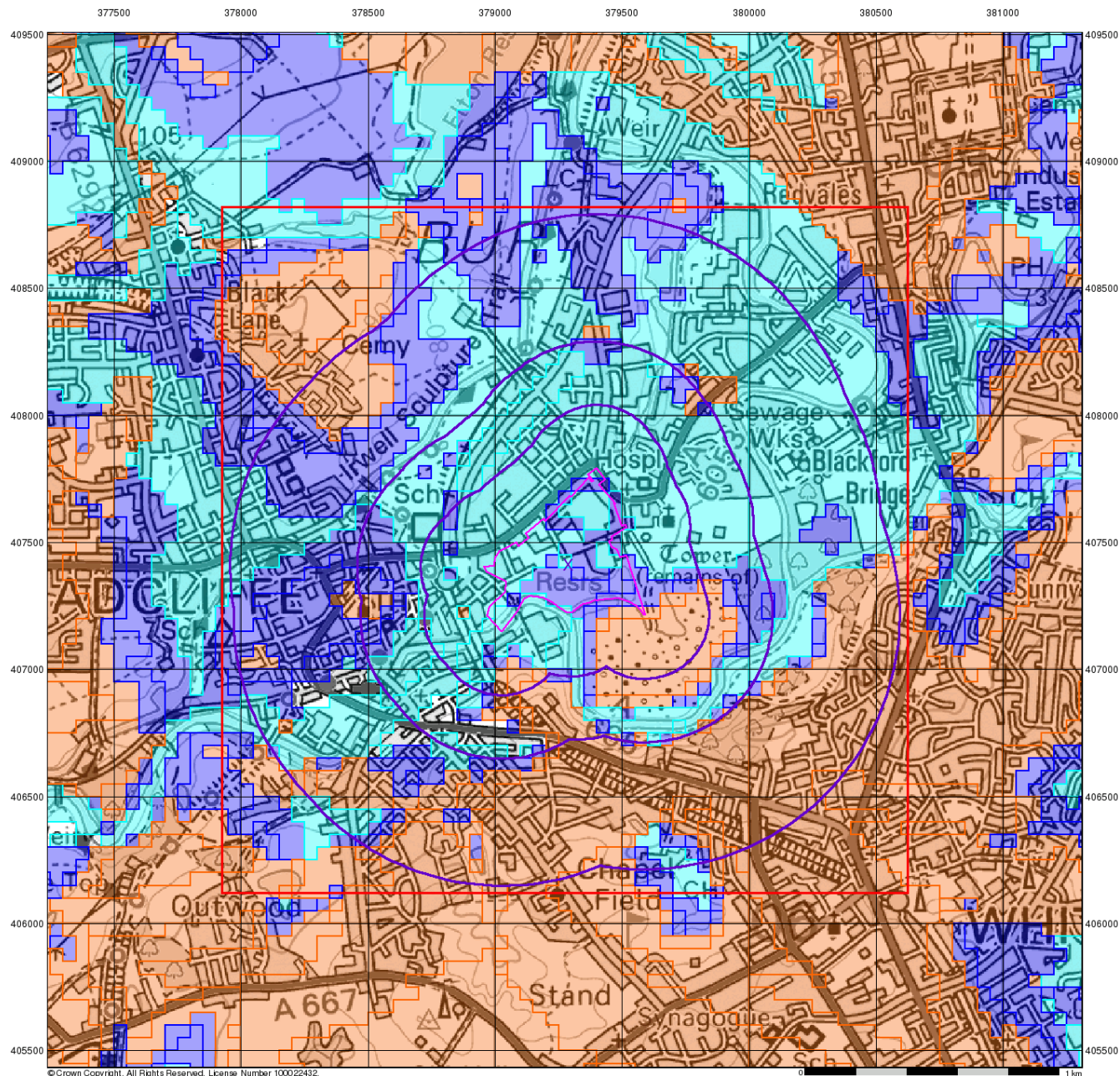
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Slice:	A
Site Area (Ha):	19.06
Search Buffer (m):	1000

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0 1 km



BGS Flood GFS Data

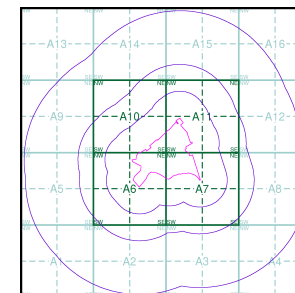
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 103935048_1_1
 Customer Ref: A090070-193_DB
 National Grid Reference: 379290, 407410
 Slice: A
 Site Area (Ha): 19.06
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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Supplied - Not Supplied
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	TILLD	Till, Devensian	Diamicton	Devensian - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	GLLDD	Glaciolacustrine Deposits, Devensian	Clay and Silt	Devensian - Devensian
	HMGDD	Hummocky (Moundy) Glacial Deposits, Devensian	Diamicton	Devensian - Devensian
	GFICD	Glaciofluvial Ice Contact Deposits, Devensian	Sand and Gravel	Devensian - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CPB	Chester Pebble Beds Formation	Sandstone	Early Triassic - Early Triassic
	MM	Manchester Marls Formation	Mudstone	Late Permian - Late Permian
	CS	Collyhurst Sandstone Formation	Sandstone	Cisuralian - Cisuralian
	NR	Nob End Rock	Sandstone	Bolsovian - Bolsovian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	NHSS	Newton Heath Sandstone	Sandstone	Bolsovian - Bolsovian
	PUCM	Pennine Upper Coal Measures Formation	Mudstone, Siltstone and Sandstone	Westphalian D - Bolsovian
	WDR	Worsley Delf Rock	Sandstone	Bolsovian - Bolsovian
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Bolsovian - Duckmantian
	PR	Peel Hall Rock	Sandstone	Duckmantian - Duckmantian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Bolsovian - Duckmantian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Langsettian - Langsettian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Langsettian - Langsettian
	TRBR	Trencherbone Rock	Sandstone	Langsettian - Langsettian
	CAR	Cannel Rock (South Lancashire)	Sandstone	Langsettian - Langsettian
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

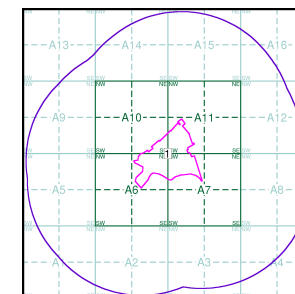
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	085
Map Name:	Manchester
Map Date:	2011
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



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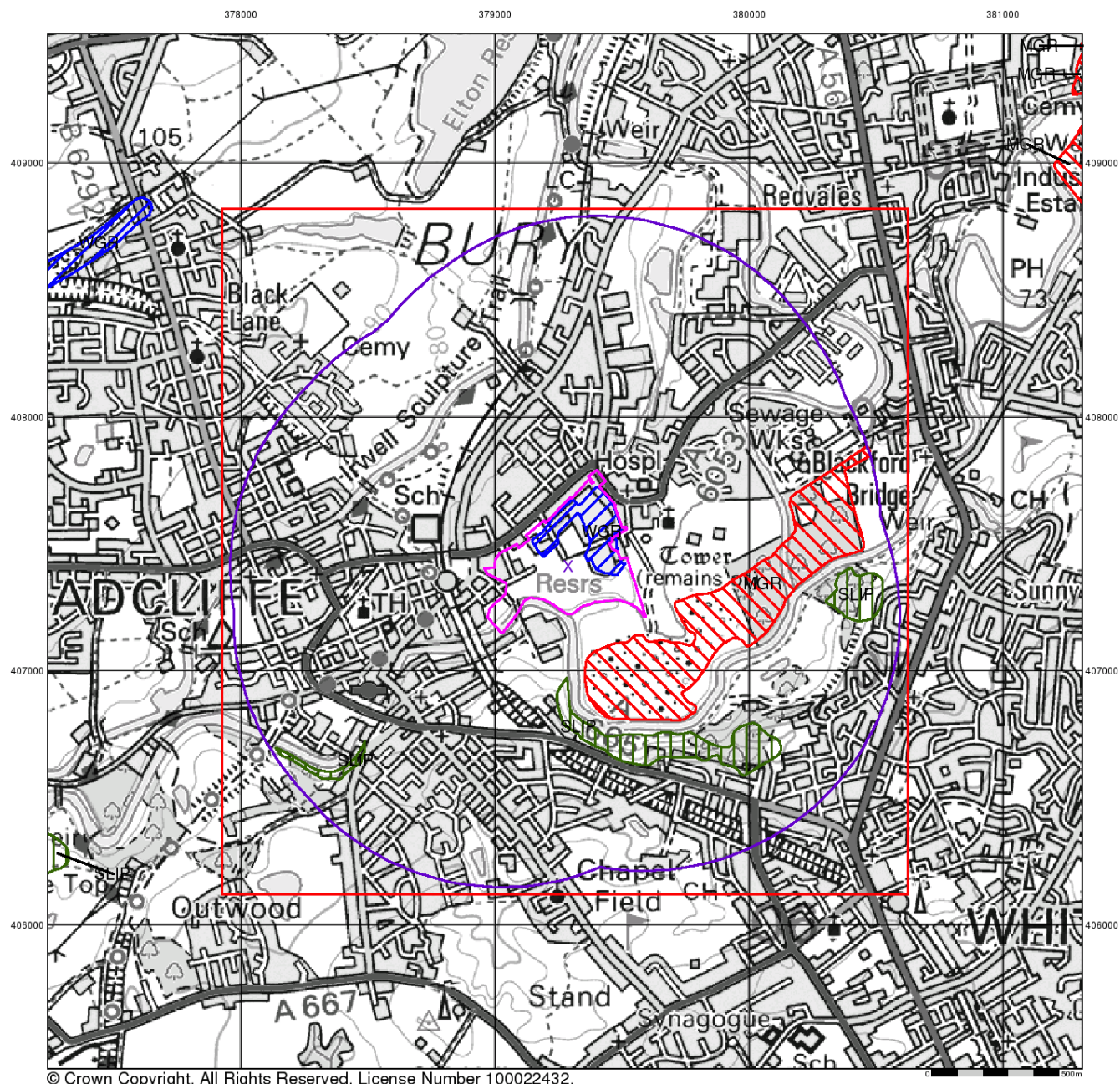
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Customer Reference:	A090070-193_DB
National Grid Reference:	379290, 407410
Slice:	A
Site Area (Ha):	19.06
Search Buffer (m):	1000

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Artificial Ground and Landslip

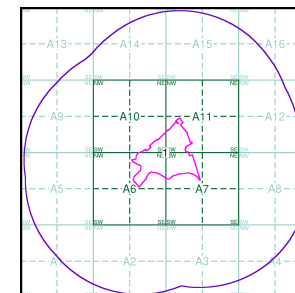
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

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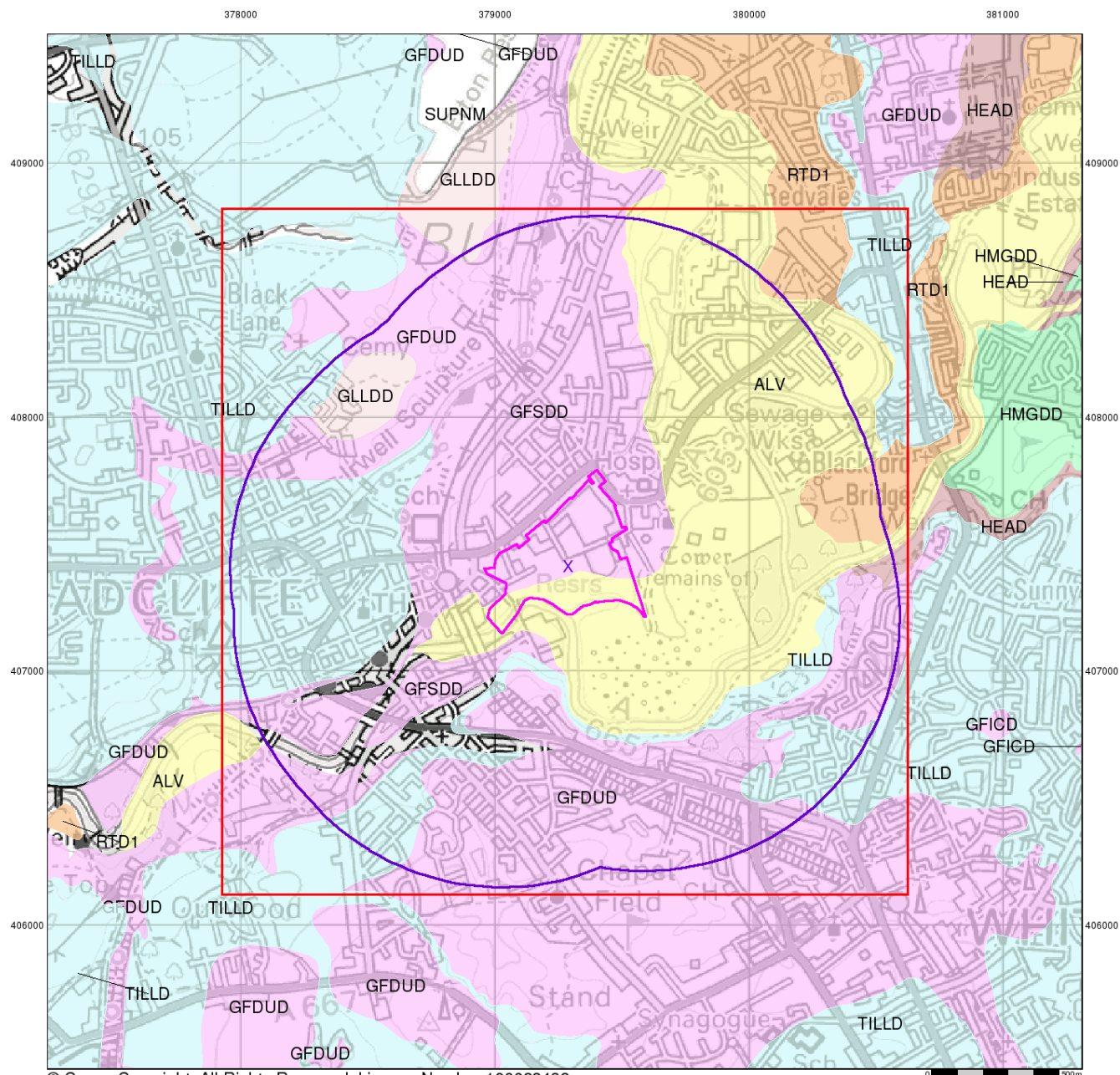
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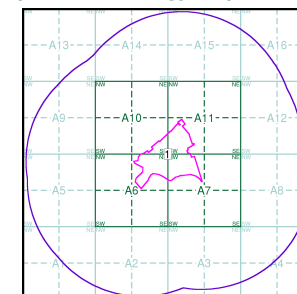
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



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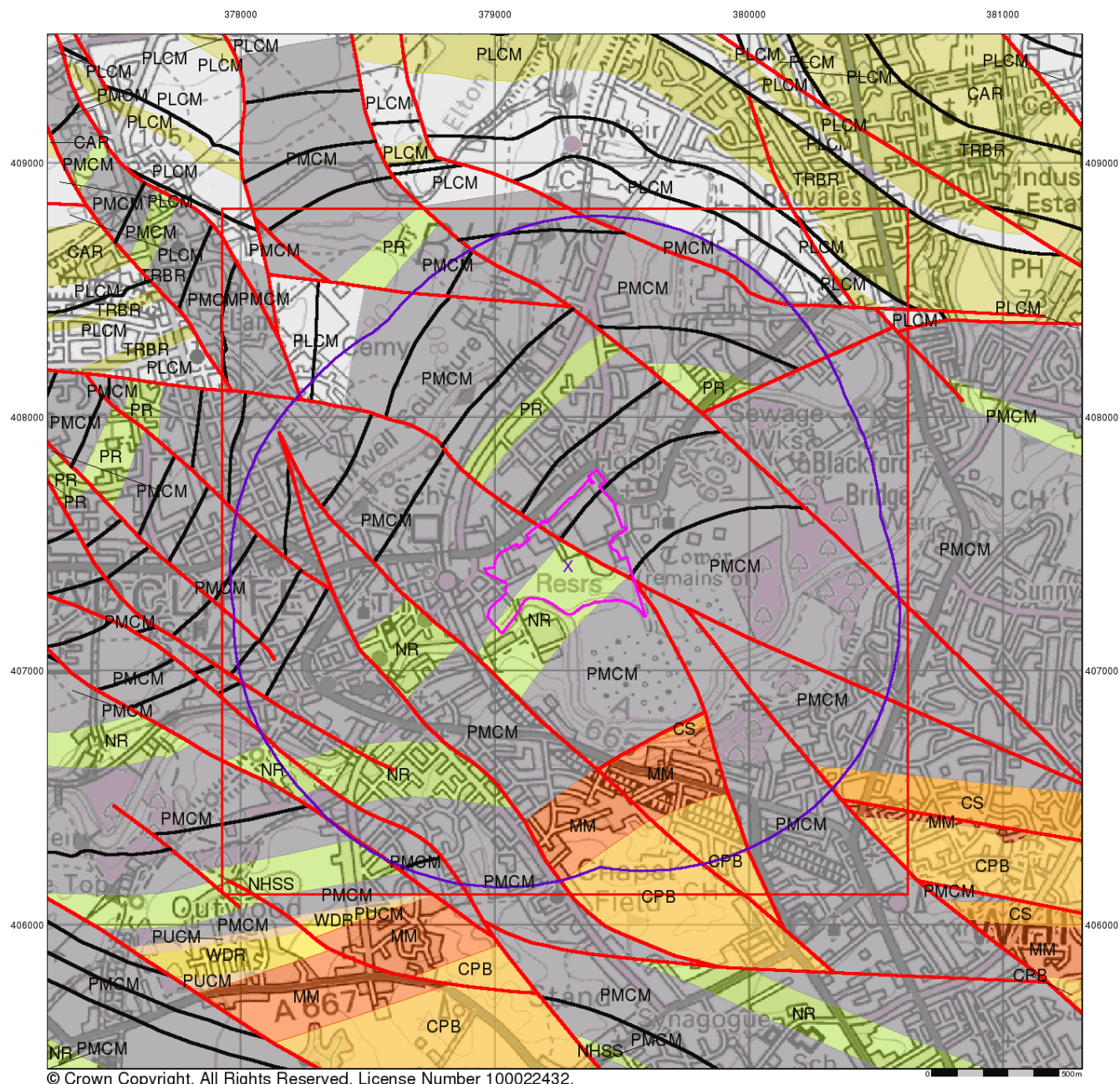
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Bedrock and Faults

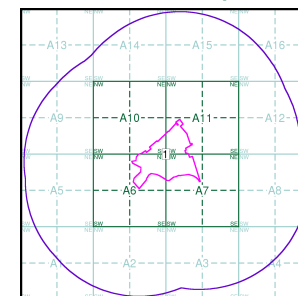
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



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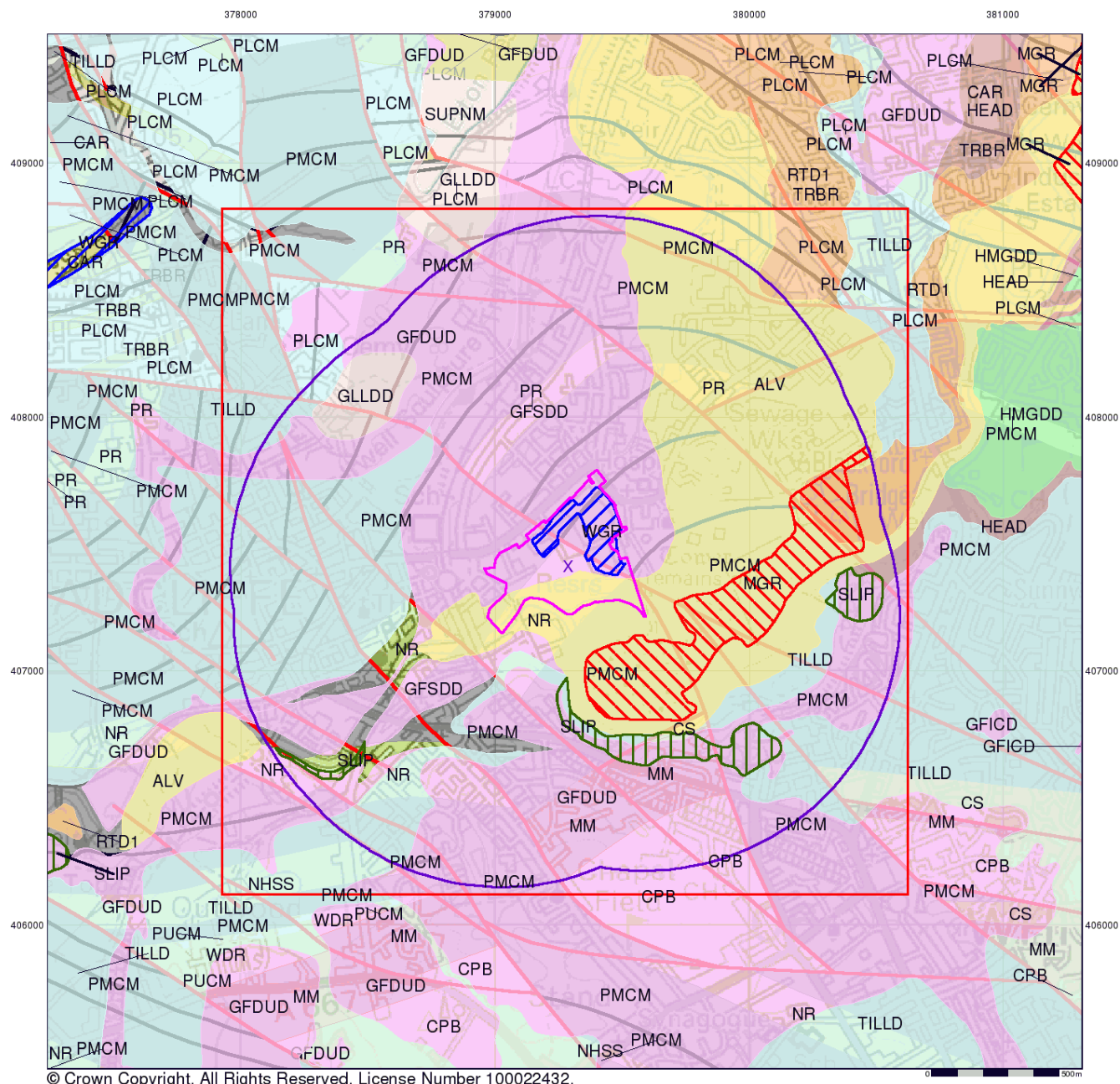
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Slice: A
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

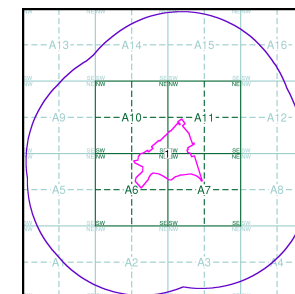
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 103935048 1 1
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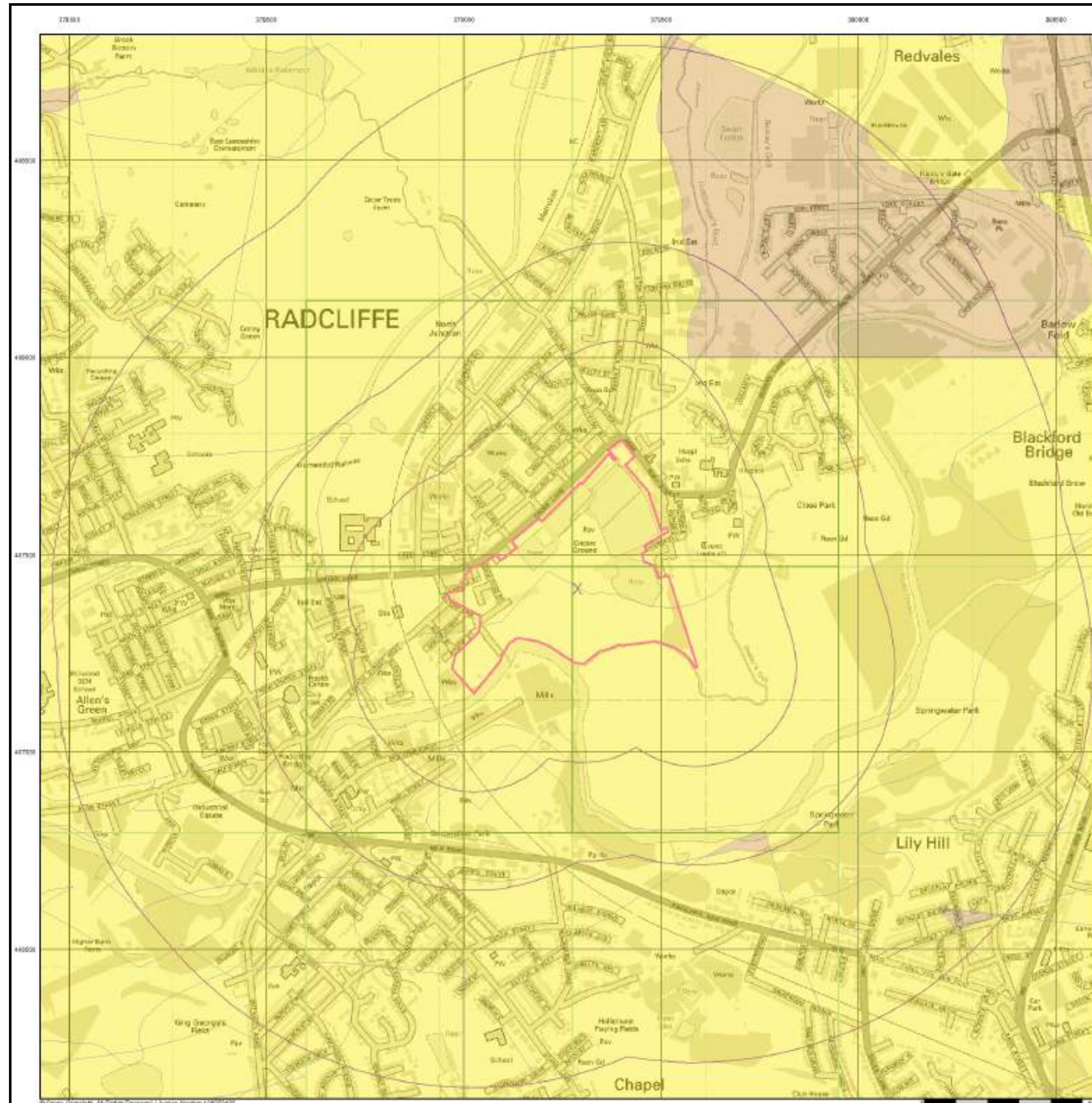
Site at 379250, 407450

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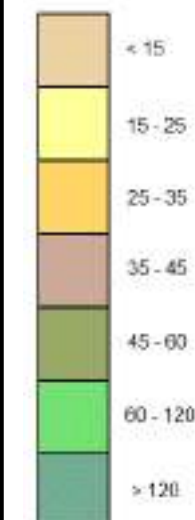


General

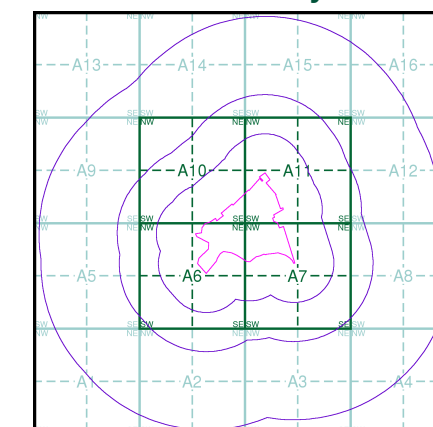
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Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

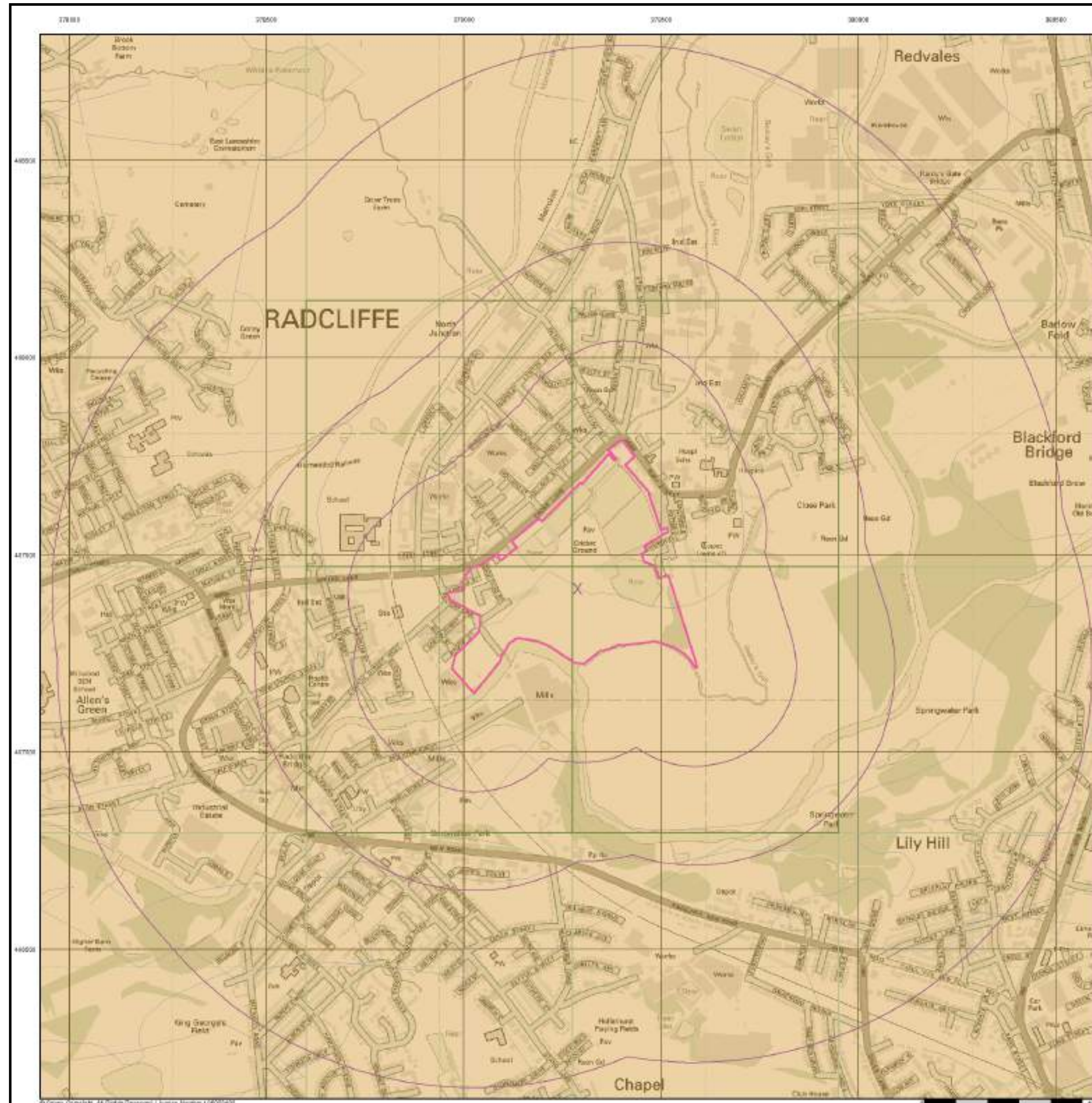
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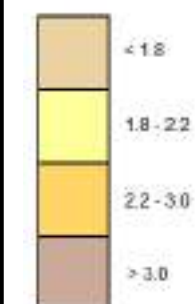


General

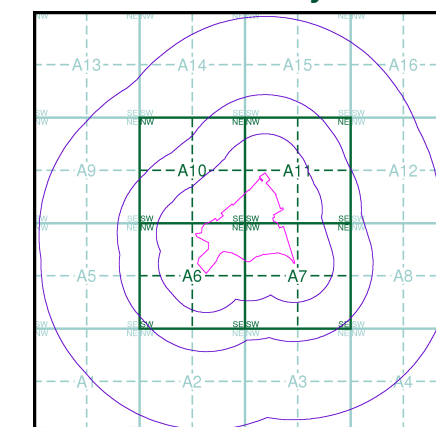
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

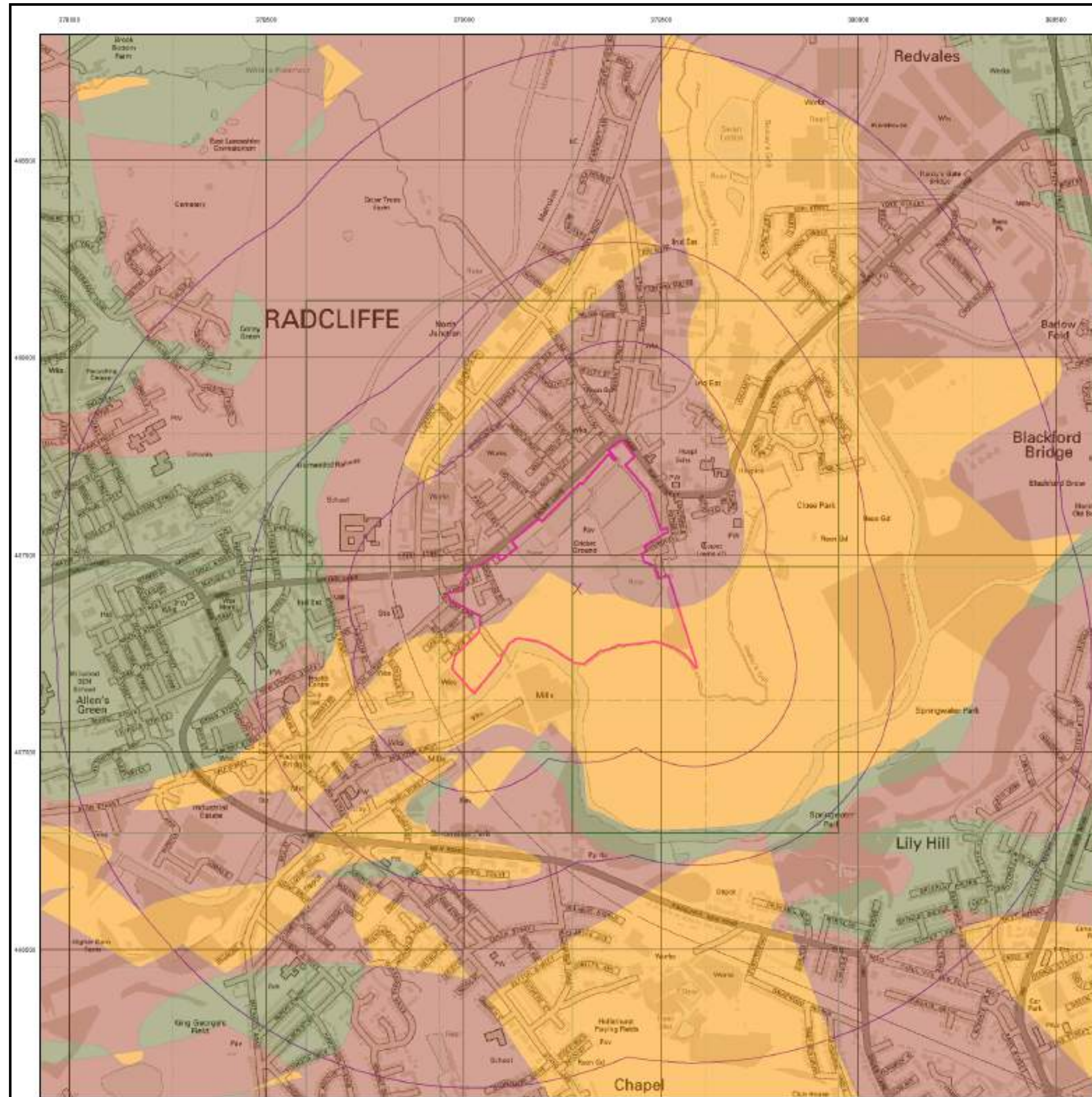
Order Details: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

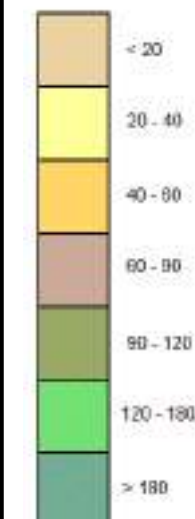


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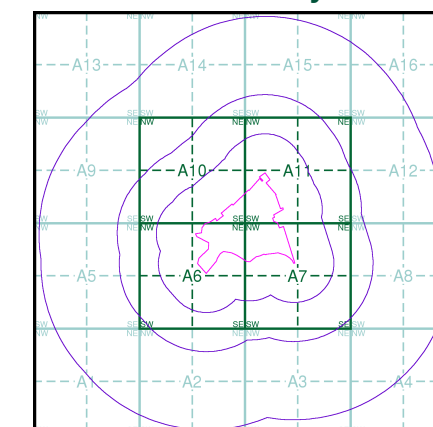
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

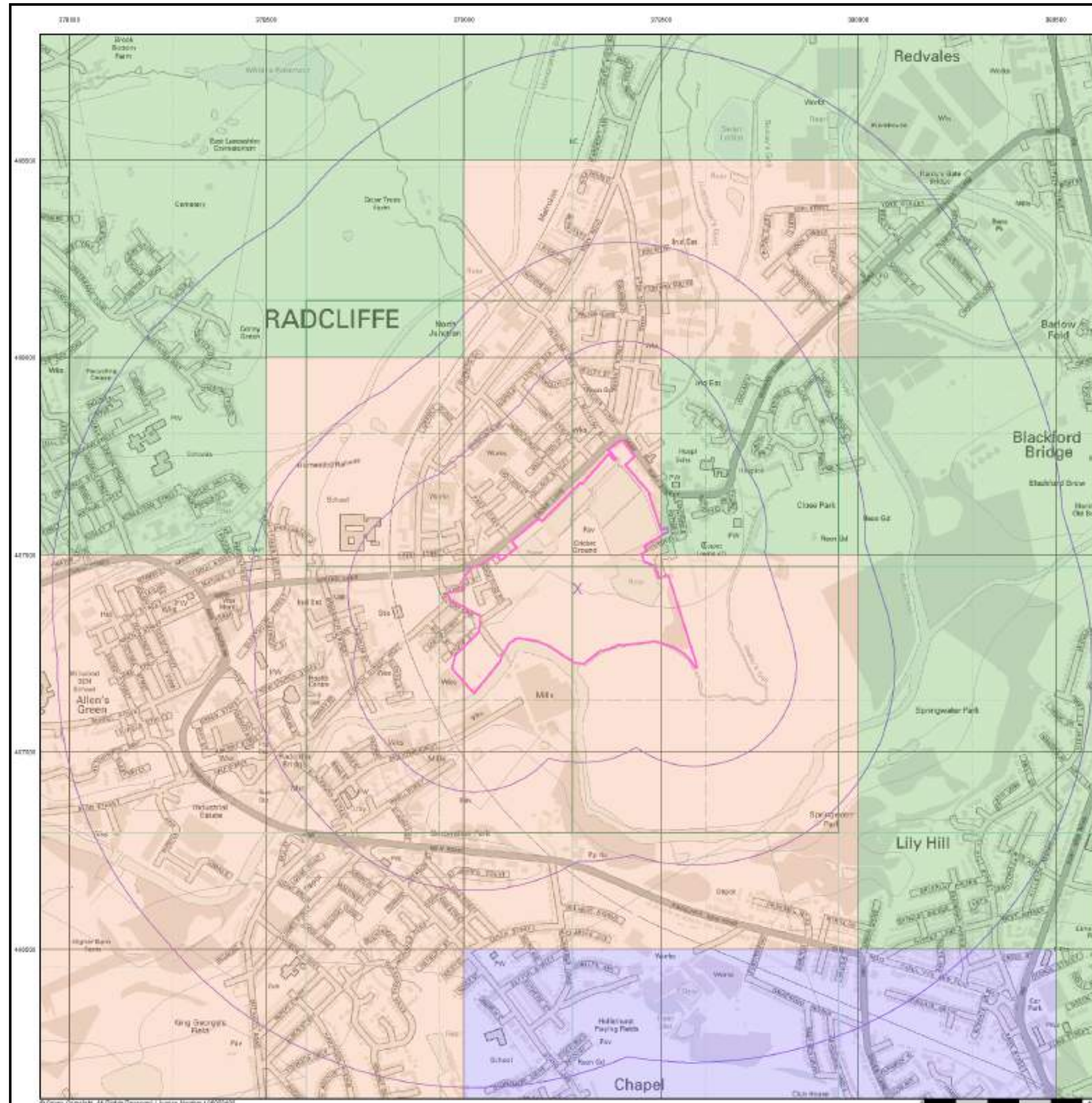
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

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Web: www.envirocheck.co.uk

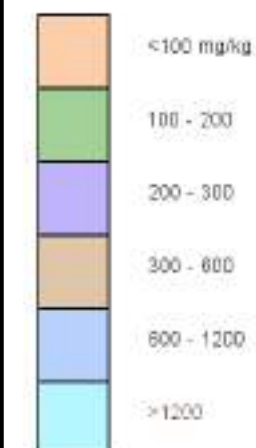


General

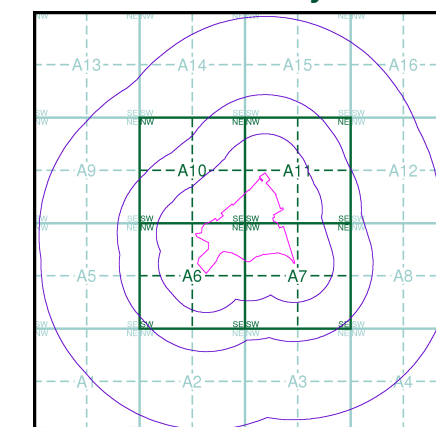
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

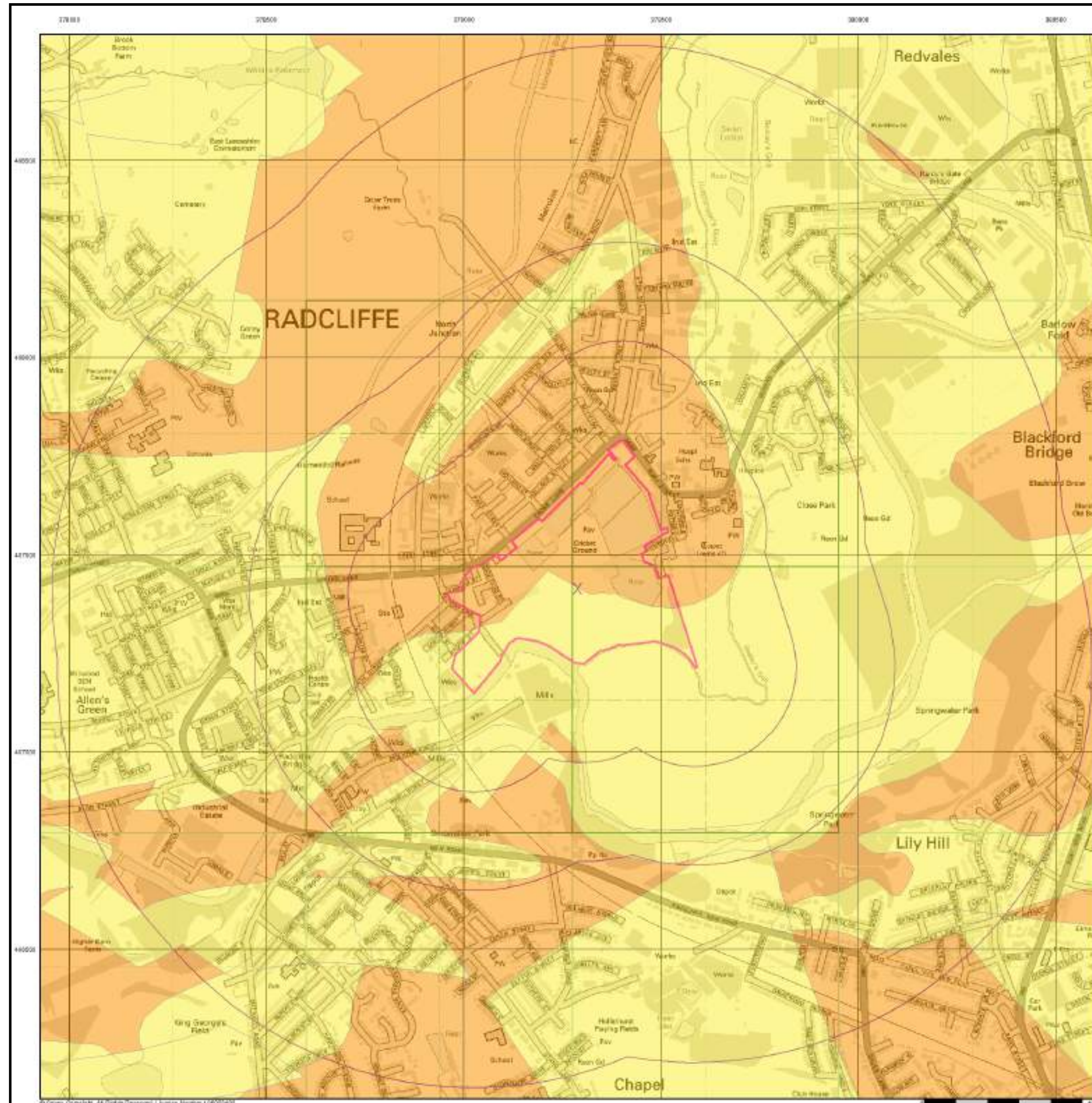
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

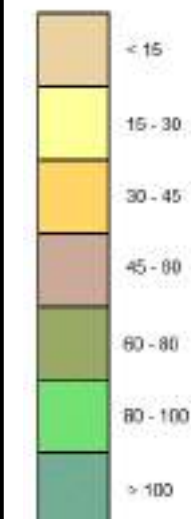


General

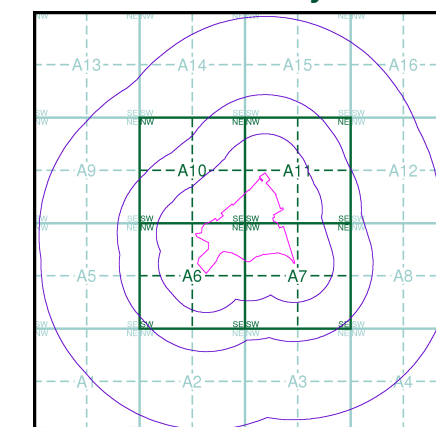
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

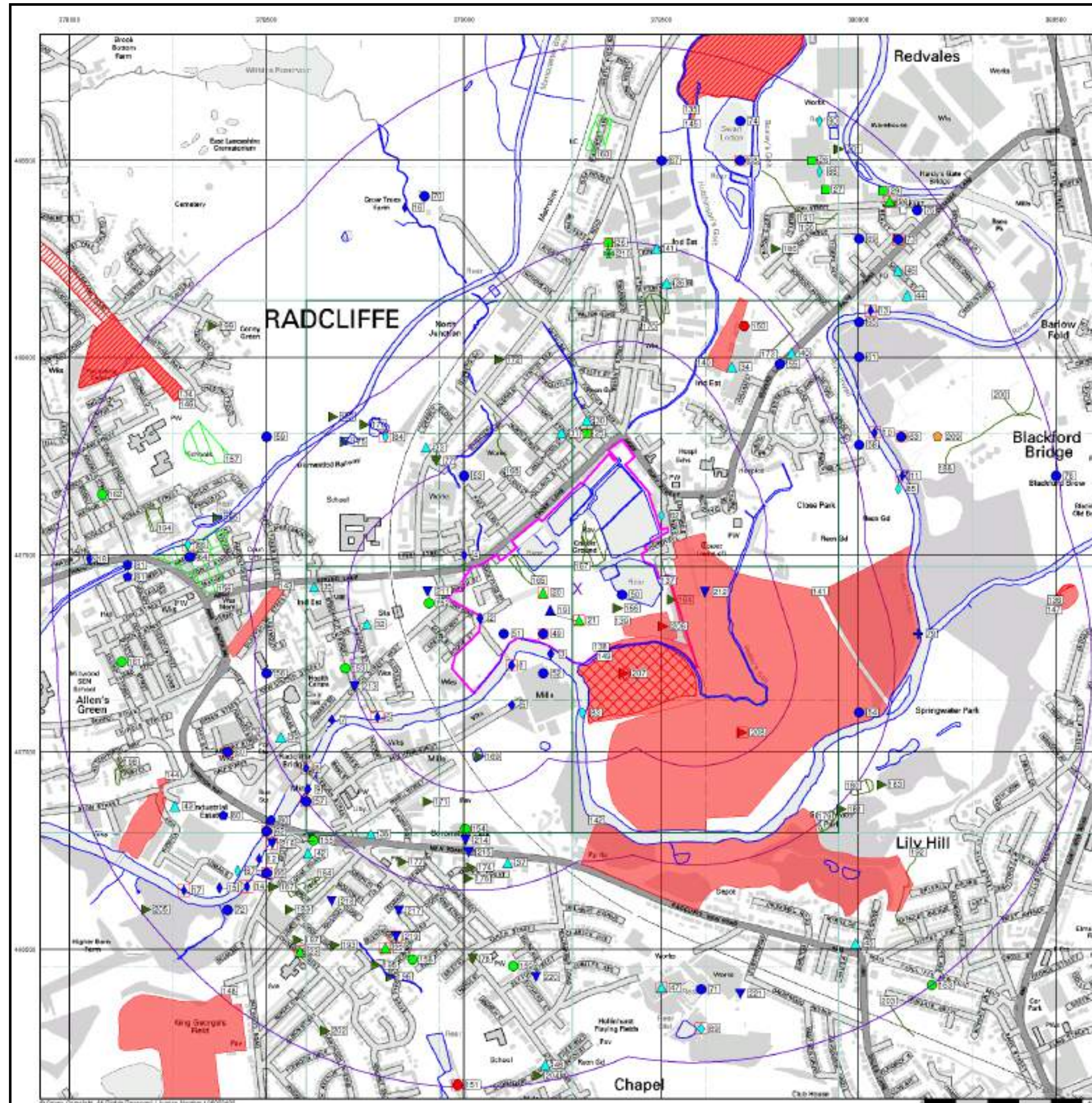
Order Details: 103935048_1_1
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Site Area (Ha): 19.06
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Site Details

Site at 379250, 407450

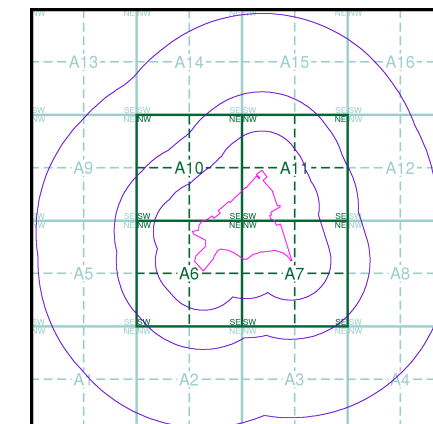
Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
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 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Slice A



Order Details

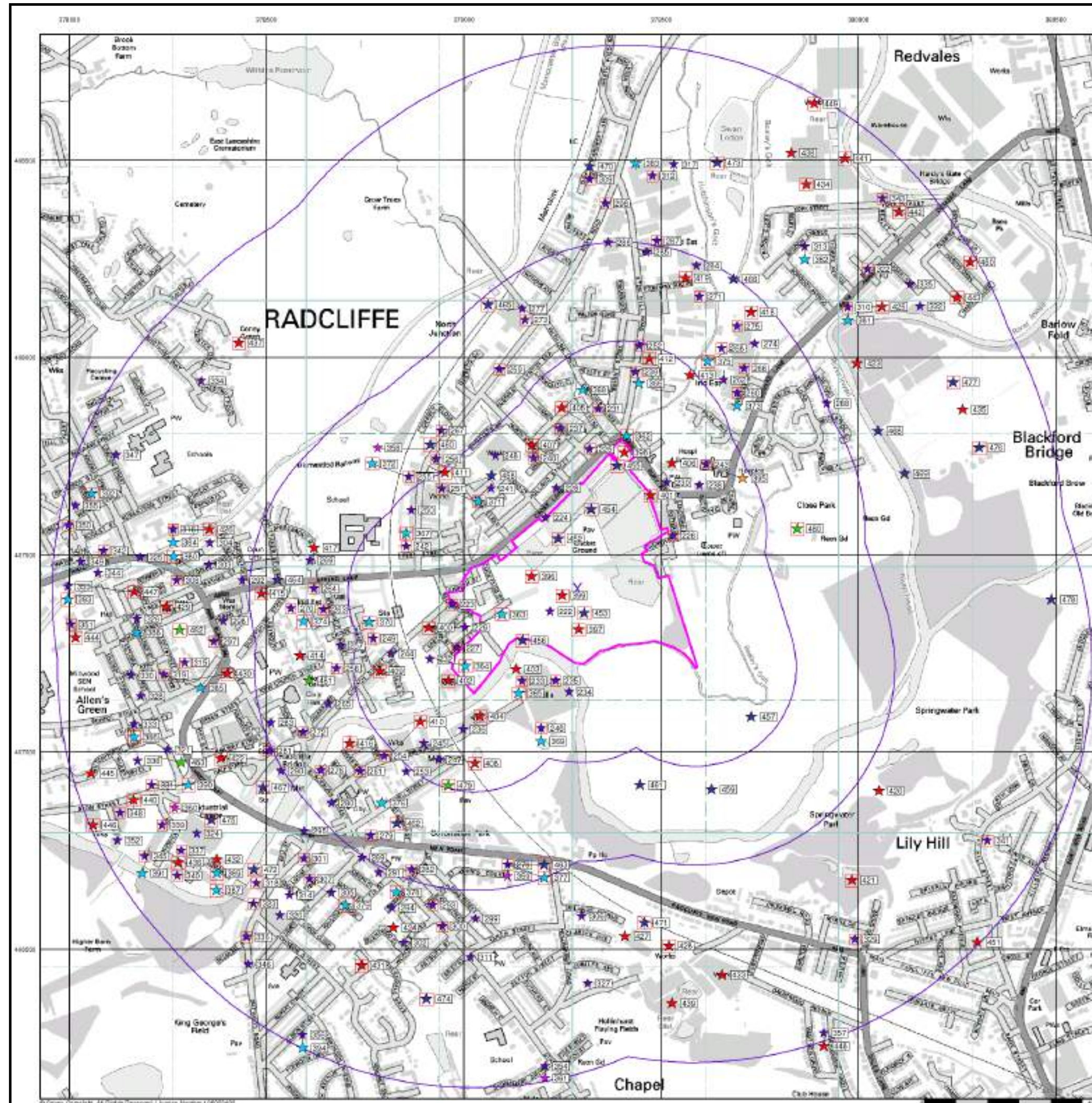
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Industrial Land Use Map

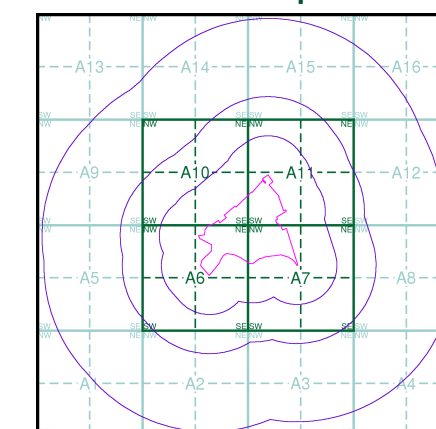
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

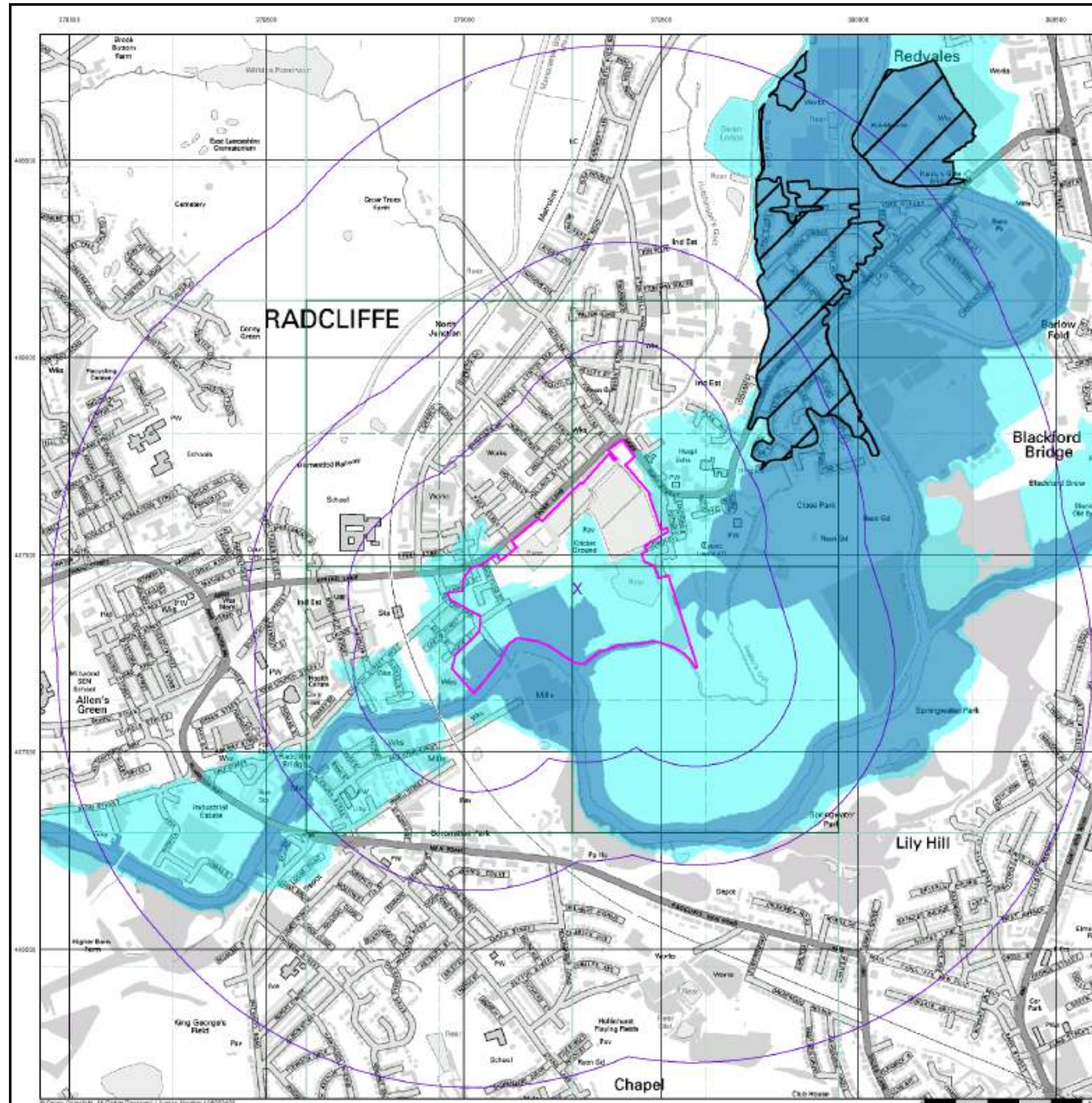
Order Number: 103935048_1_1
 Customer Ref: A090070-193_DB
 National Grid Reference: 379290, 407410
 Slice: A
 Site Area (Ha): 19.06
 Search Buffer (m): 1000

Site Details

Site at 379250, 407450



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



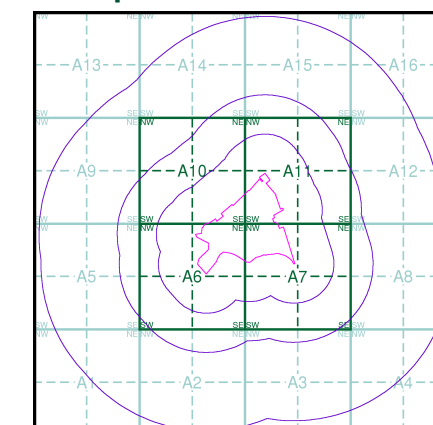
General

- Specified Site
- Specified Buffer(s)
- Dealing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

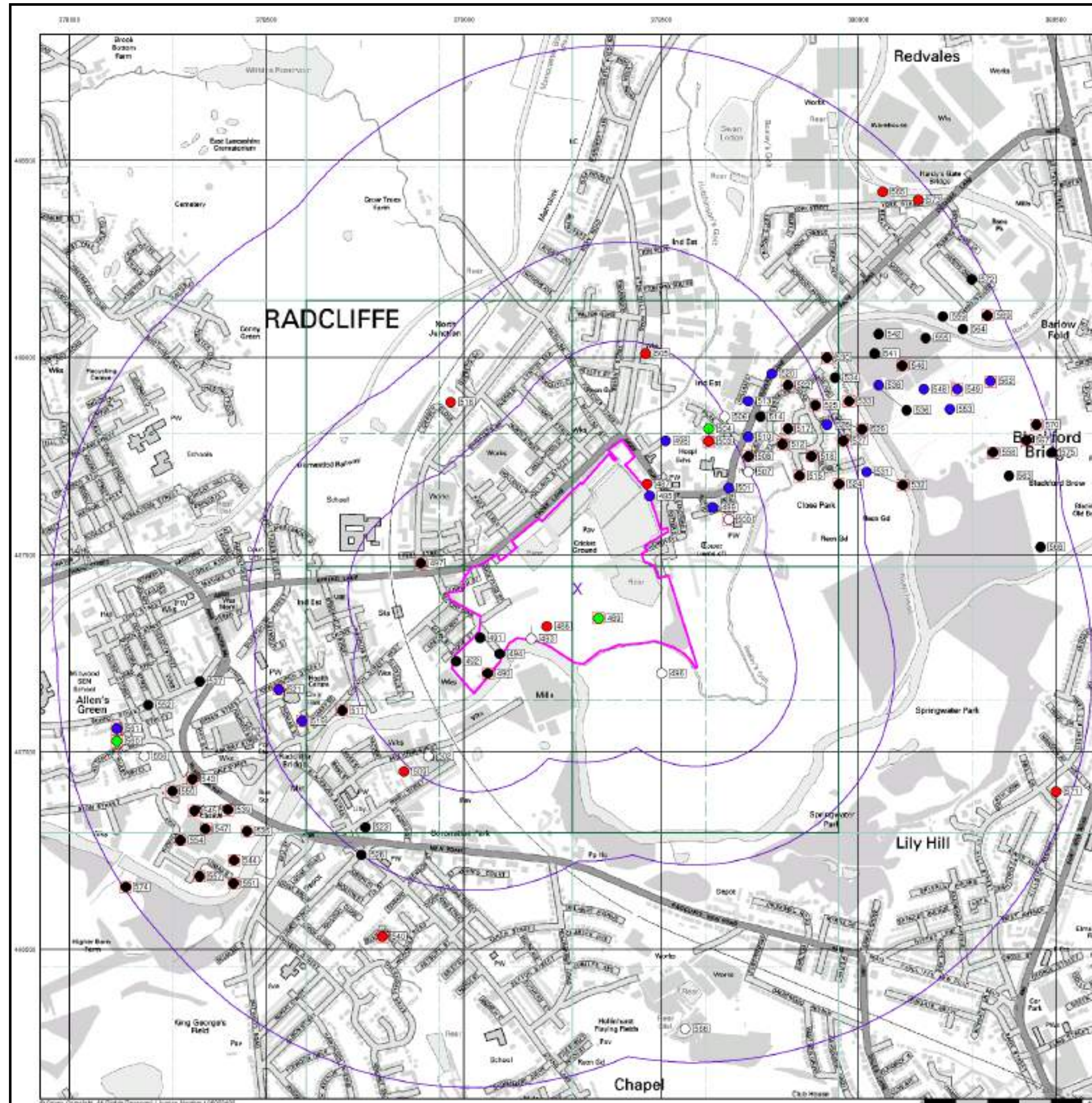
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 Customer Ref: A090070-193_DB
 National Grid Reference: 379290, 407410
 Slice: A
 Site Area (Ha): 19.06
 Search Buffer (m): 1000

Site Details

Site at 379250, 407450



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 Web: www.envirocheck.co.uk



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

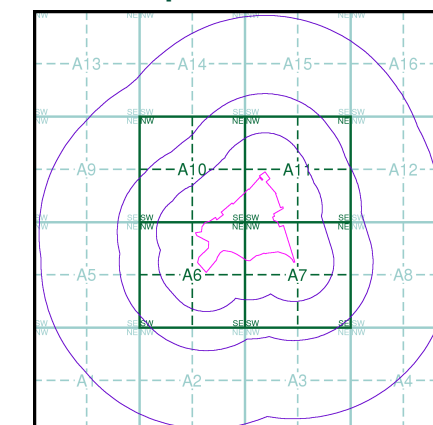
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

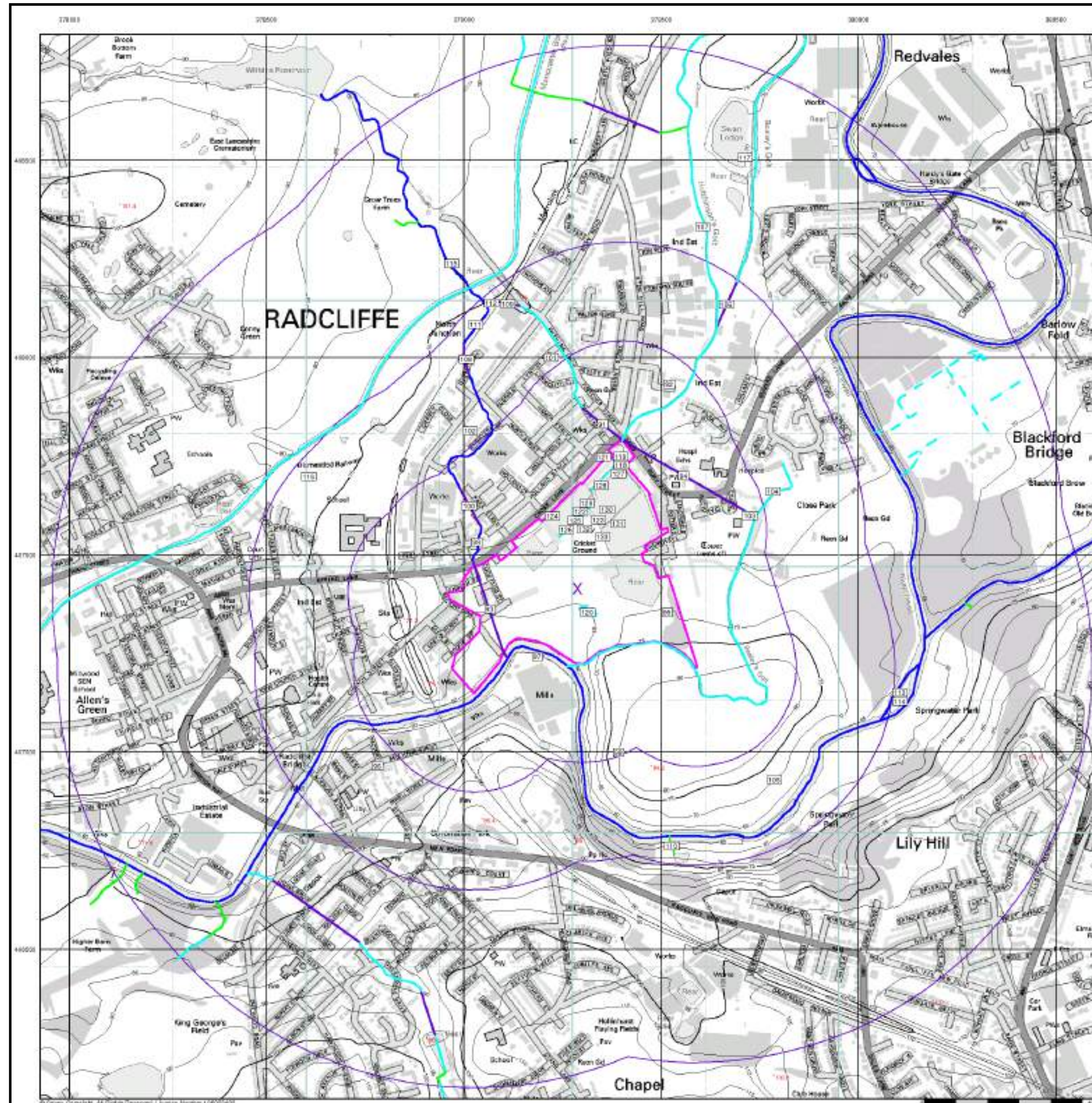
Order Number: 103935048_1_1
 Customer Ref: A090070-193_DB
 National Grid Reference: 379290, 407410
 Slice: A
 Site Area (Ha): 19.06
 Search Buffer (m): 1000

Site Details

Site at 379250, 407450



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 Web: www.envirocheck.co.uk



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

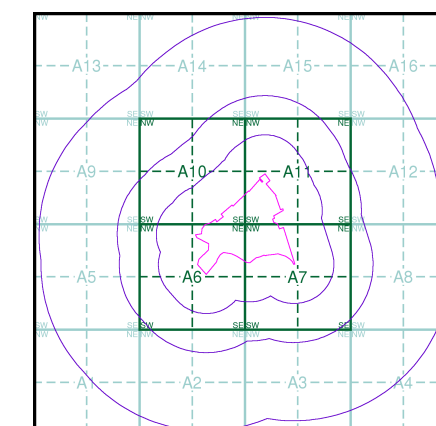
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW - Mean Low Water
- MHW - Mean High Water

EA/NRW Detailed River Network Map - Slice A



Order Details

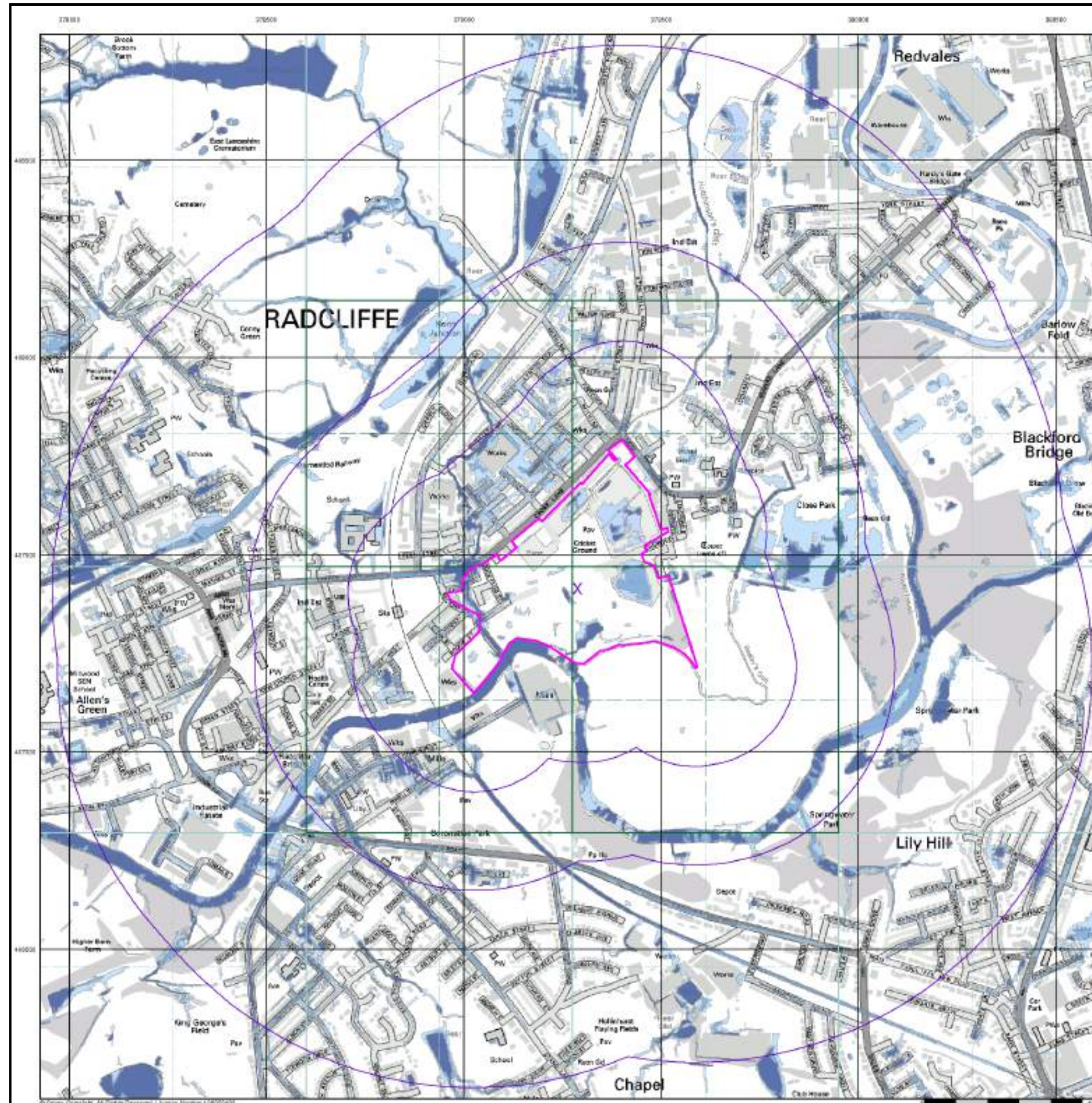
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450



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Web: www.envirocheck.co.uk



General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Risk of Flooding from Surface Water

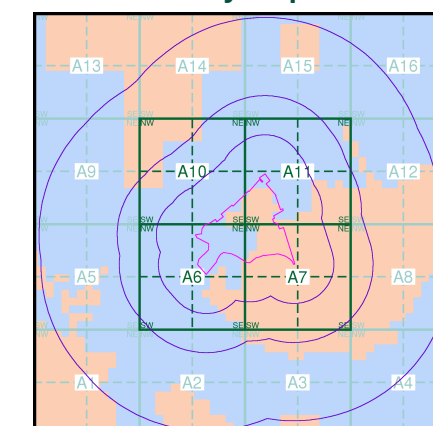
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



Order Details

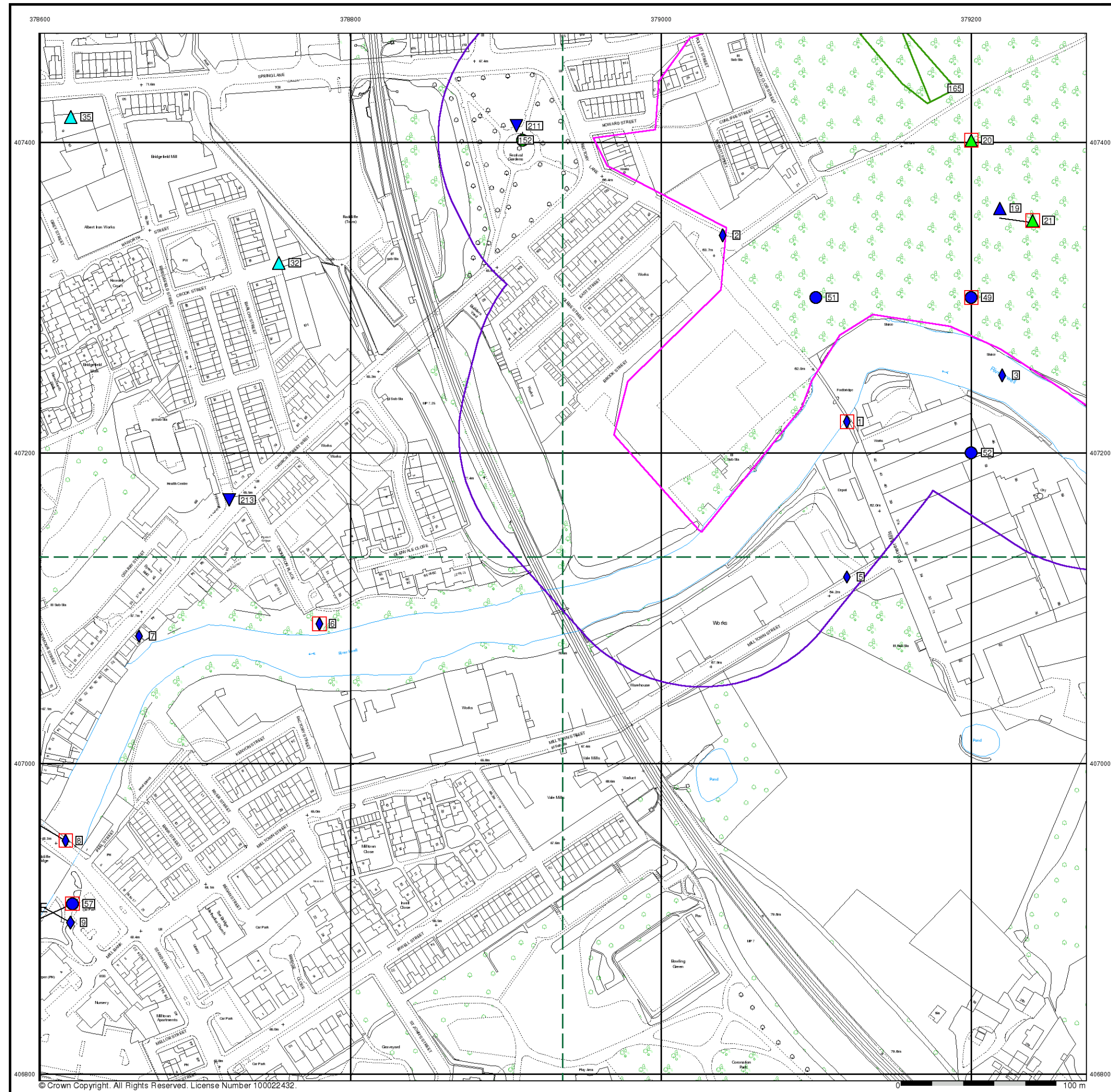
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 Customer Ref: A090070-193_DB
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 Slice: A
 Site Area (Ha): 19.06
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Site Details

Site at 379250, 407450



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

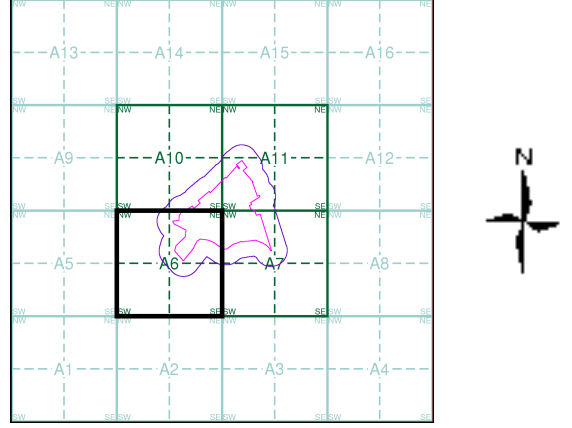


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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
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 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
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 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A6



Order Details

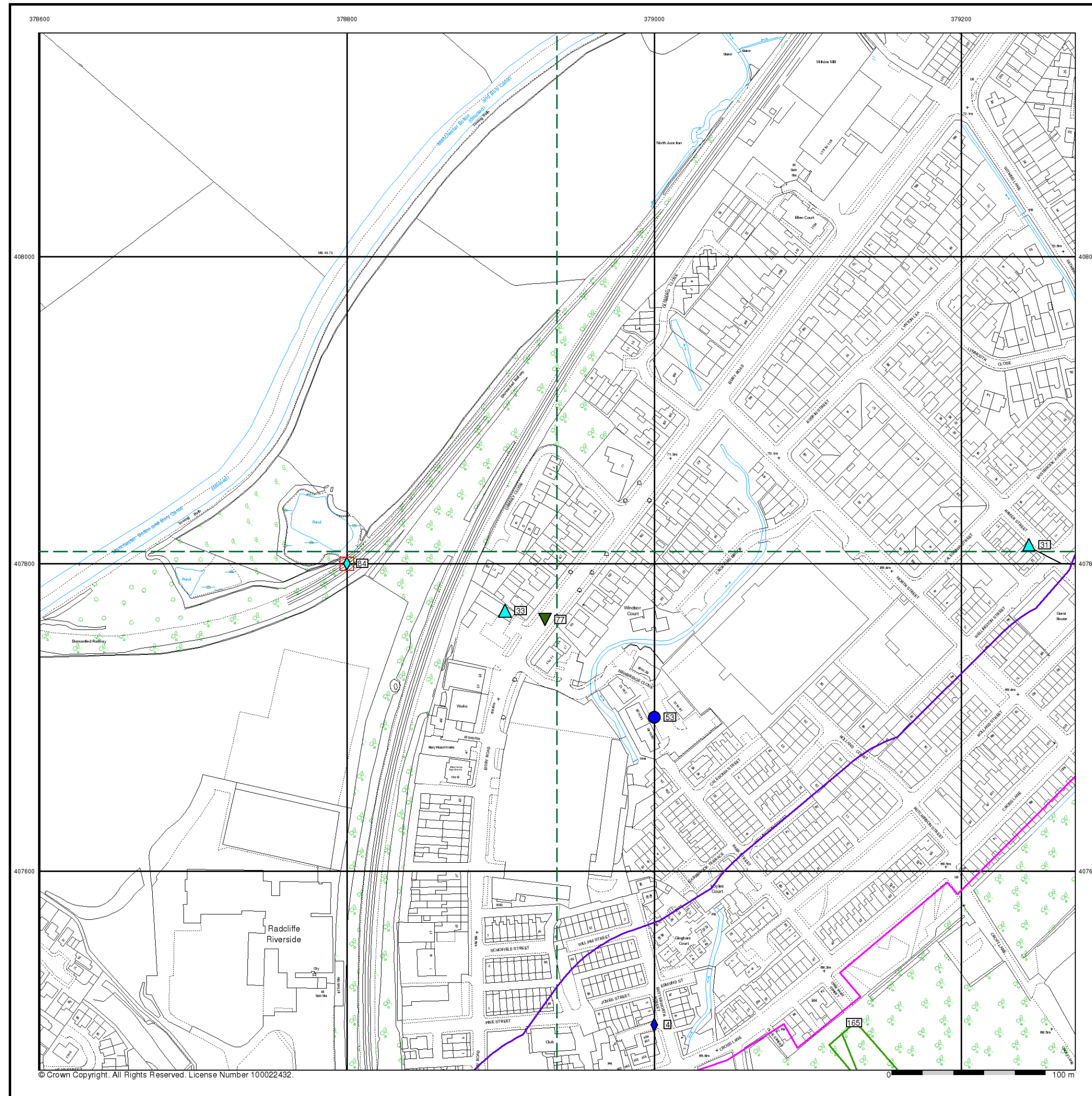
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Plot Buffer (m): 100

Site Details

Site at 379250, 407450



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

Agency and Hydrological

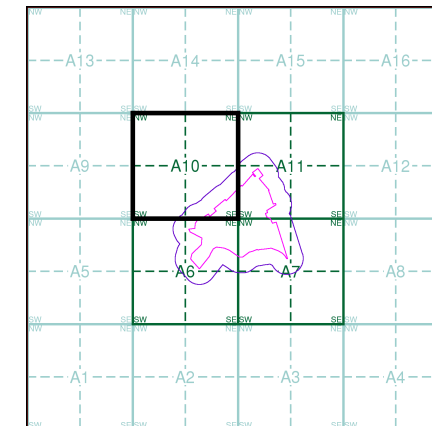
- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
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- BGS Recorded Landfill Site (Location)
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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

Site Sensitivity Map - Segment A10



Order Details

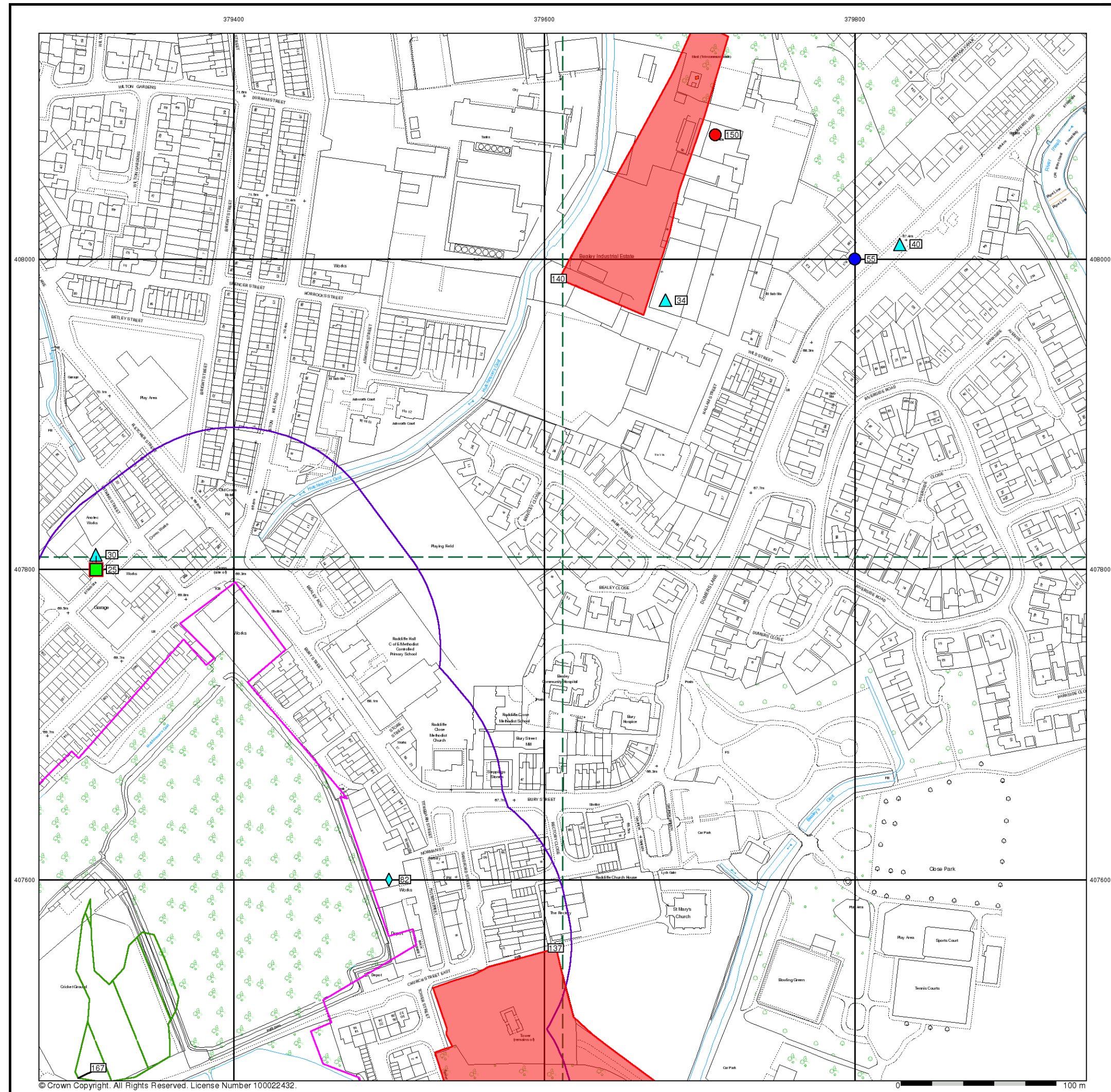
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Plot Buffer (m): 100

Site Details

Site at 379250, 407450



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

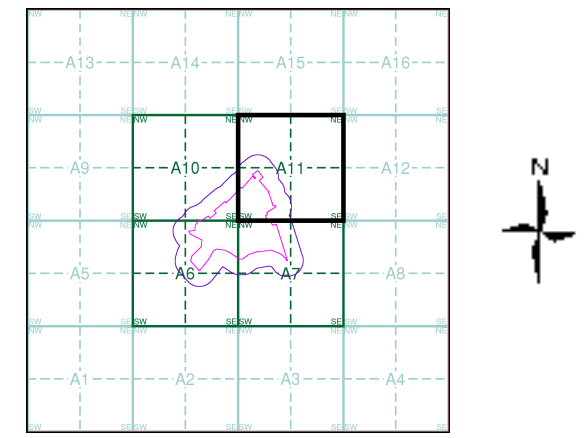


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- General**
- Specified Site
 - Specified Buffer(s)
 - Several of Type at Location
 - Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
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 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
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- Agency and Hydrological**
- Bearing Reference Point
 - Overhead Transmission Line
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 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A11



Order Details

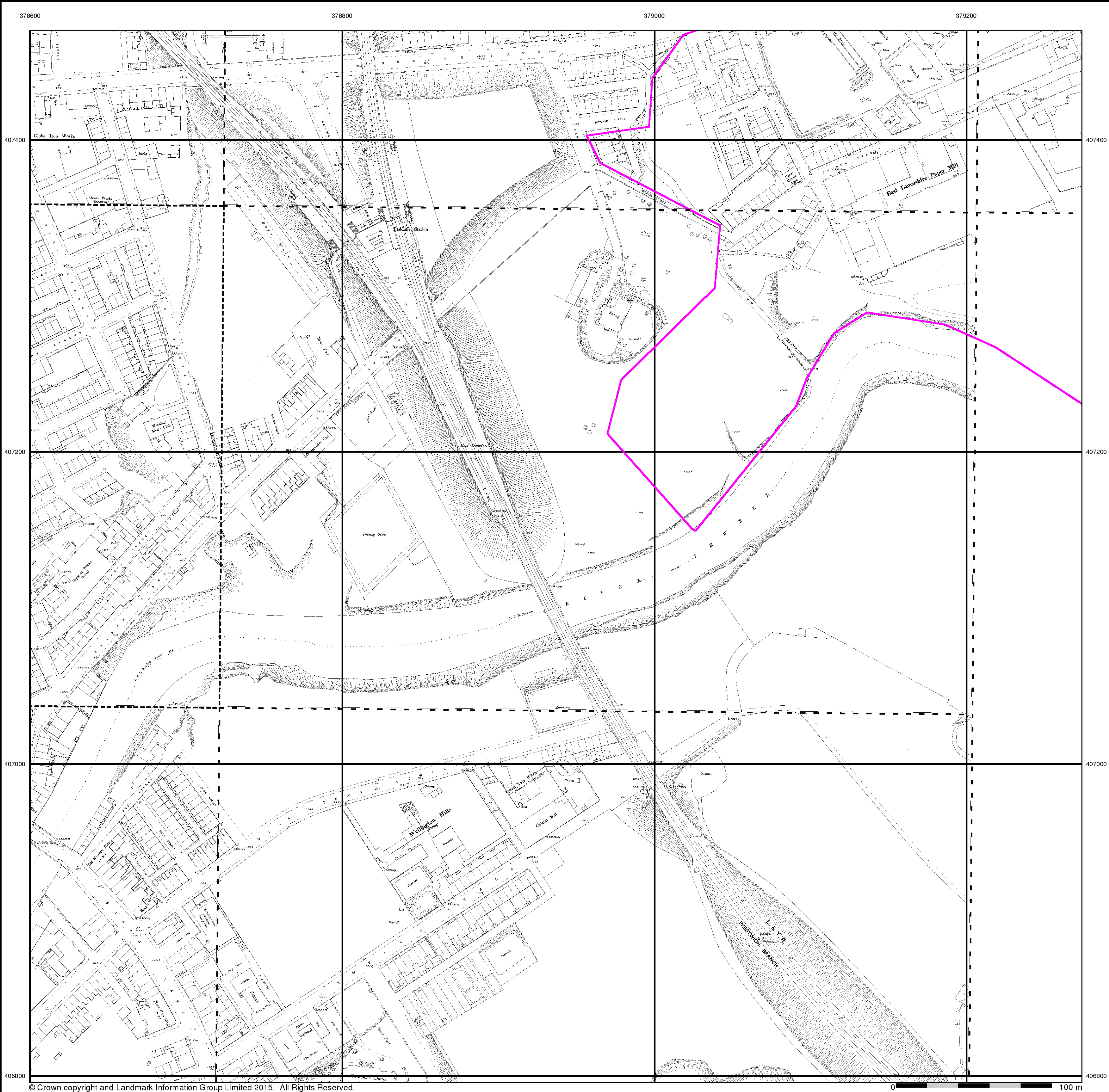
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Plot Buffer (m): 100

Site Details

Site at 379250, 407450



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Lancashire And Furness

Published 1891

Source map scale - 1:500

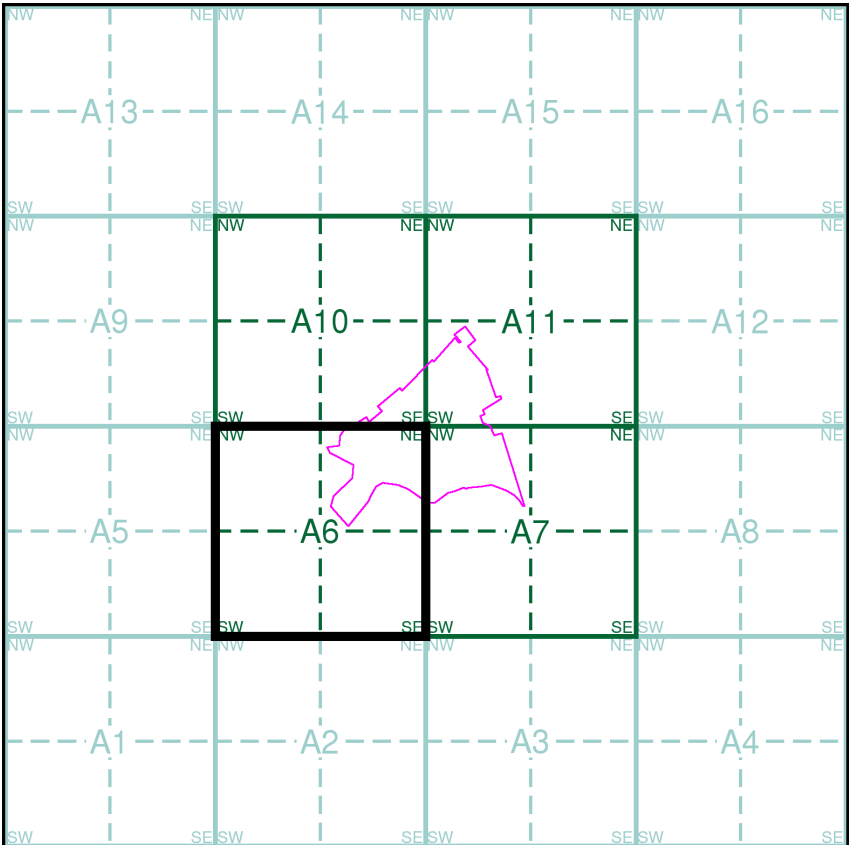
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

095_04_008	095_04_009	095_04_010
1891	1891	1891
1:500	1:500	1:500
095_04_013	095_04_014	
1891	1891	
1:500	1:500	
095_04_018	095_04_019	
1891	1891	
1:500	1:500	

Historical Town Plan - Segment A6



Order Details

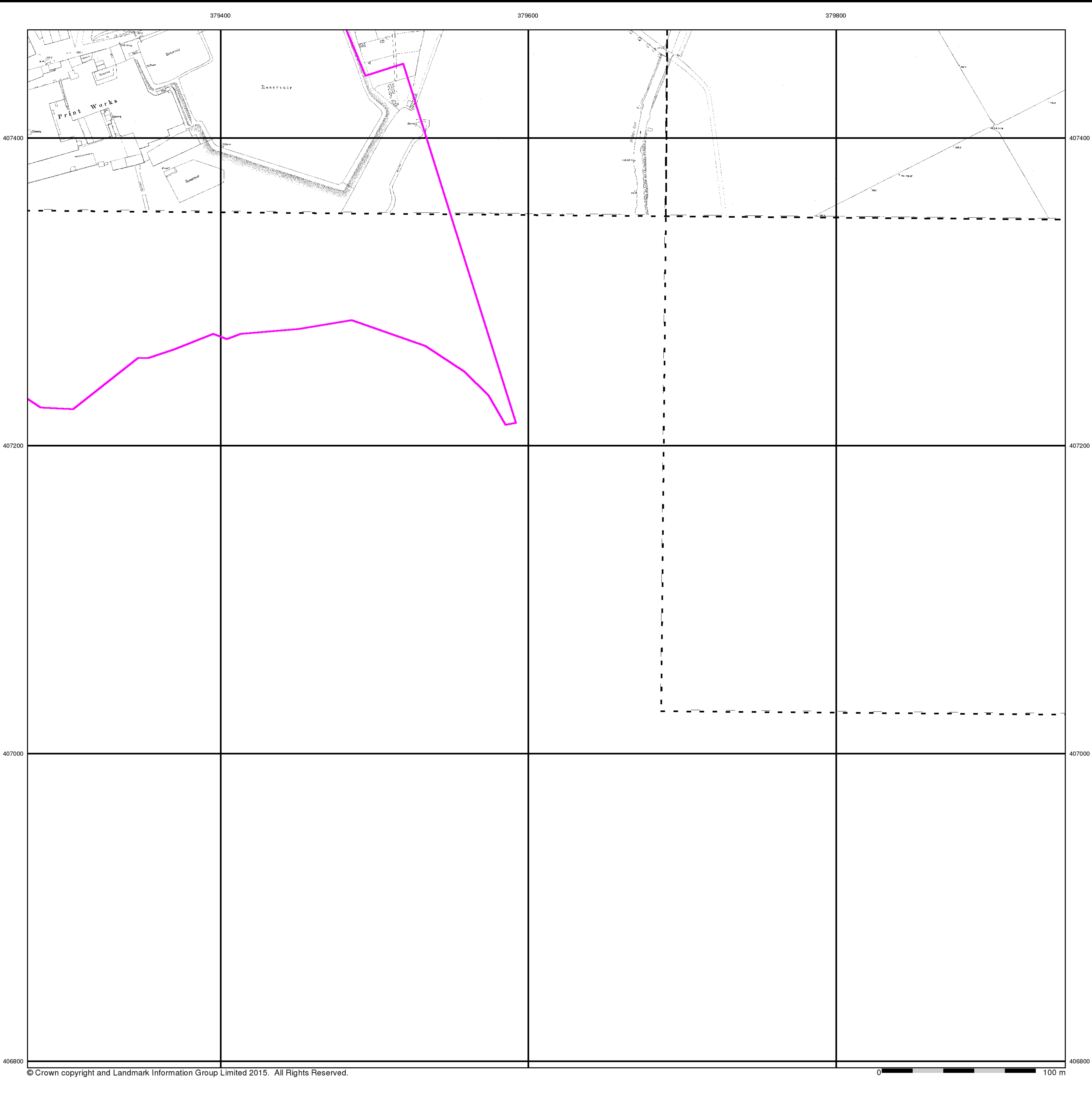
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 0

Site Details

Site at 379250, 407450



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Lancashire And Furness

Published 1891

Source map scale - 1:500

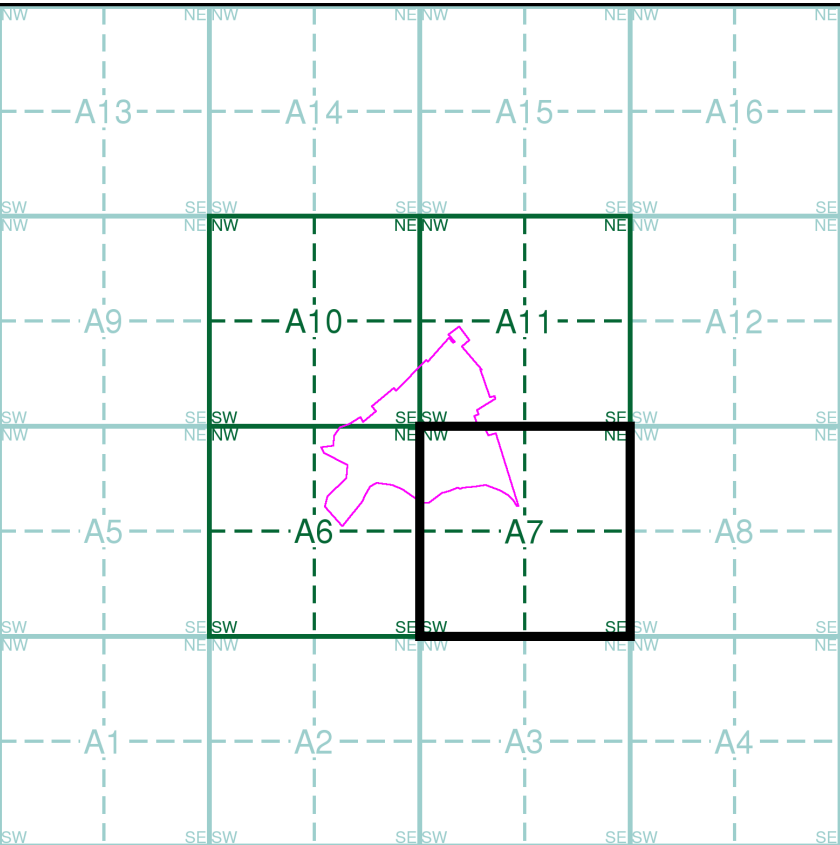
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

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Map Name(s) and Date(s)

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1:500	1:500
	096_01_011
	1891
	1:500

Historical Town Plan - Segment A7



Order Details

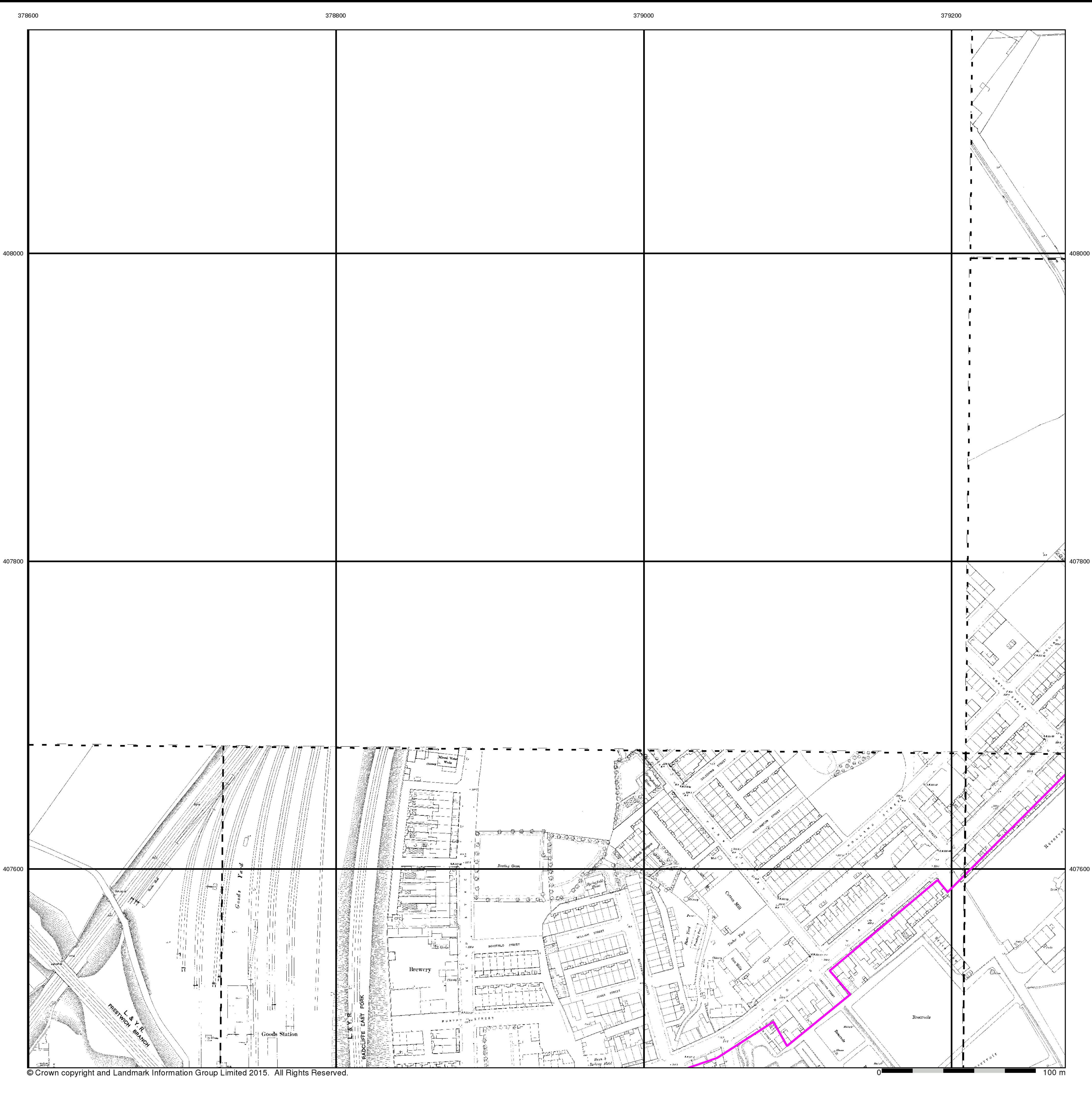
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 0

Site Details

Site at 379250, 407450



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Web: www.envirocheck.co.uk



Lancashire And Furness

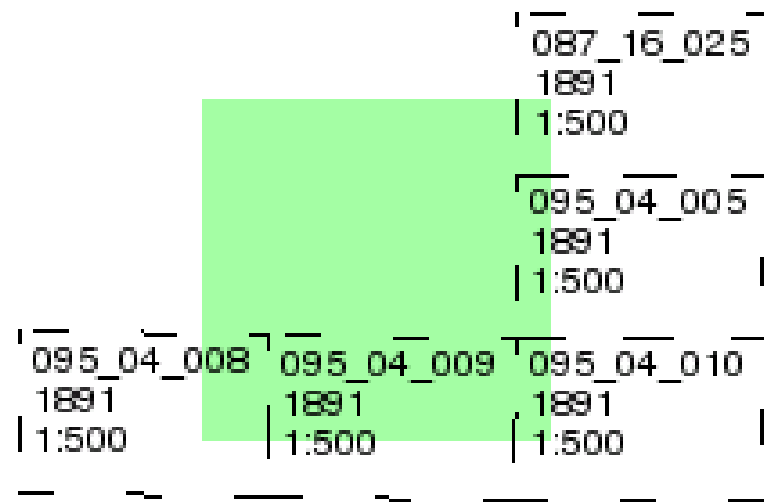
Published 1891

Source map scale - 1:500

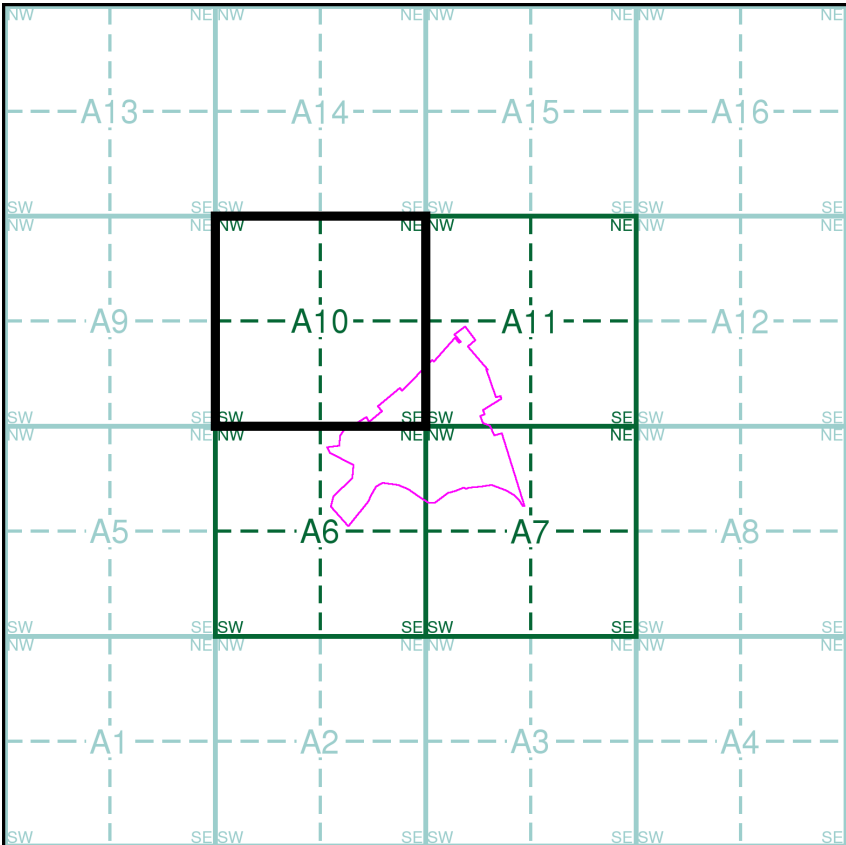
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)



Historical Town Plan - Segment A10



Order Details

Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 0

Site Details

Site at 379250, 407450



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Lancashire And Furness

Published 1891

Source map scale - 1:500

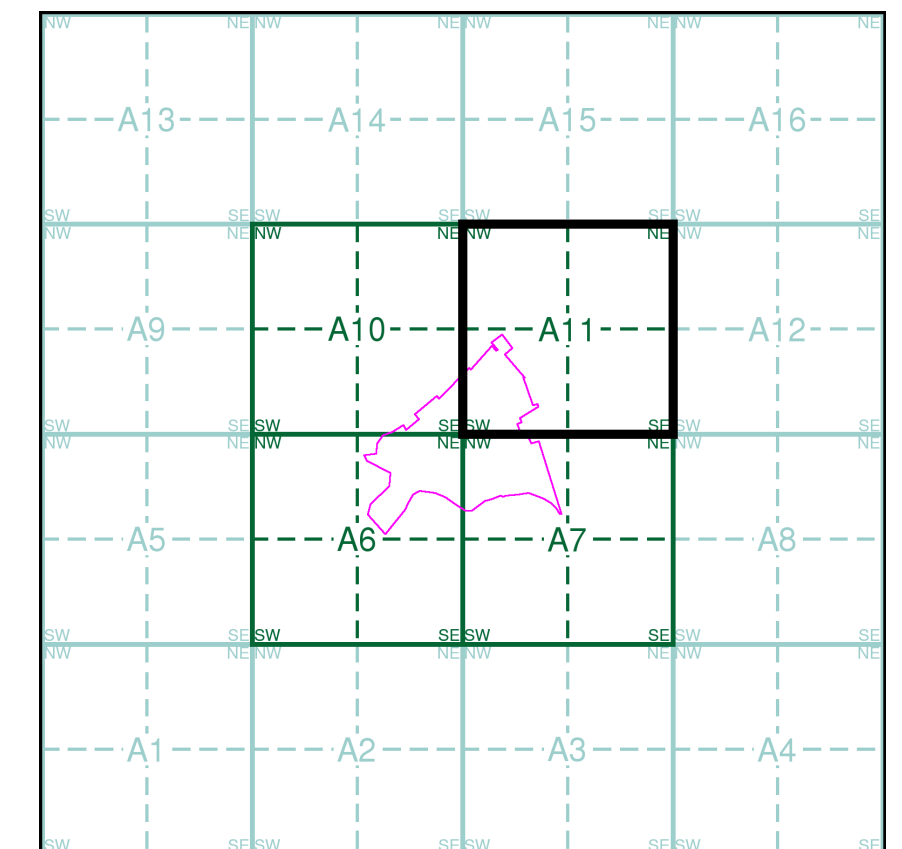
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to complement the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

Map Name(s) and Date(s)

087_16_025	088_13_021
1891	1891
1:500	1:500
095_04_005	096_01_001
1891	1891
1:500	1:500
095_04_010	096_01_006
1891	1891
1:500	1:500

Historical Town Plan - Segment A11



Order Details

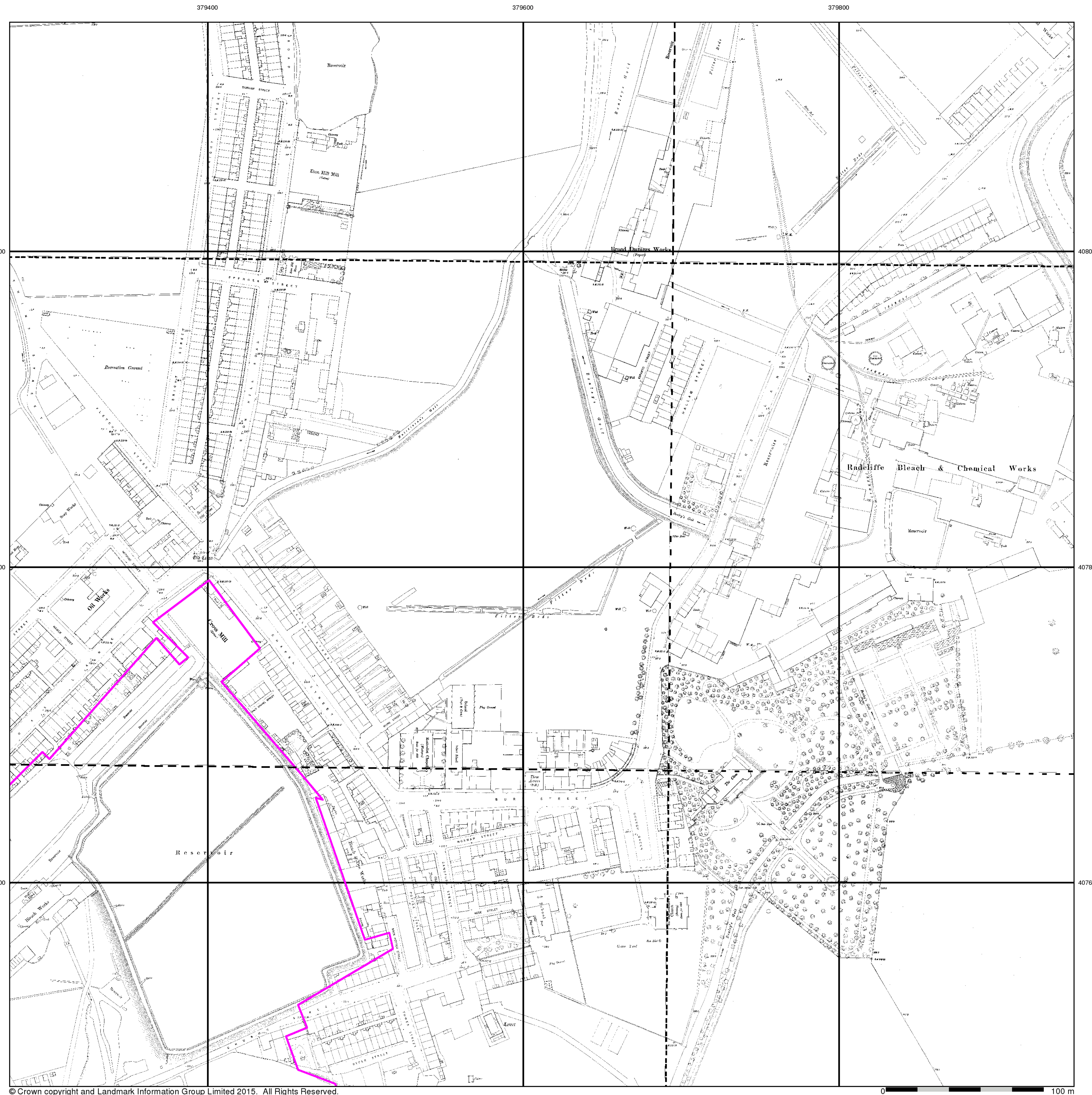
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 0

Site Details

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Appendix D – Historical Maps

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	•285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

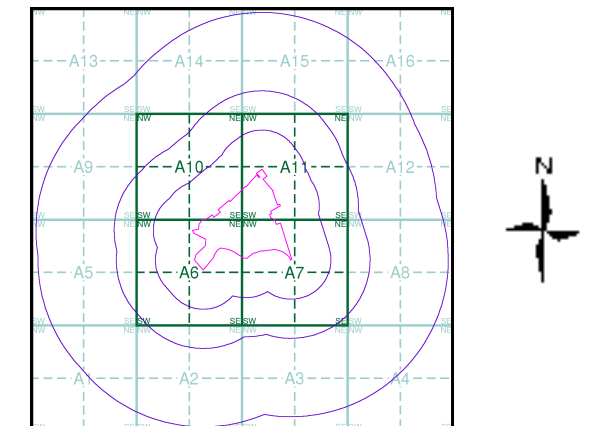
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	Mean high water (springs)		Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848 - 1851	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1910 - 1911	5
Lancashire And Furness	1:10,560	1923 - 1931	6
Lancashire And Furness	1:10,560	1932	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1974	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1980 - 1983	13
Ordnance Survey Plan	1:10,000	1989	14
Ordnance Survey Plan	1:10,000	1992	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2016	18

Historical Map - Slice A



Order Details

Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

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Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Fireproof Building

Prominent Fireproof Building

Non-fireproof Building

Non-fireproof Building (non-dwelling)

Factory, mill, and flour mill, with chimneys

Factory, mill, and flour mill, without chimneys

Power Station, drawn to scale

Hydroelectric Power Station

Radio Station, drawn to scale

Telephone Station, drawn to scale

Abandoned Open-pit Mine or Quarry

Open-pit Salt Mine

Pit

Oil Deposit or Well

Oil Seepage

Tailings Pile

Fuel Storage Tanks

Natural Gas Tank

Bench Mark

Drill Hole

Burial Mound

Triangulation Point on Burial Mound

Single-track Railroad

Double-track Railroad and Station Building

Coniferous Forest

Deciduous Forest

Mixed Forest

Lawns

Citrus Orchard

Wet Ground

Scattered Vegetation

243.8 Values for prominent elevations
186.0 Numbers for spot elevations, depth soundings, contour lines, etc.
0.2 Velocity of the current, width of river bed, depth of river
Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	Ъ (-)
Д д (D)	Л л (L)	У у (U)	Ы (Y)
Е е (E)	М м (M)	Ф ф (F)	Ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings

Military and Industrial Buildings

Military and Communication Areas

Subway Entrance

Partly Demolished Buildings

Demolished Buildings

Built-Up Area with Fireproof Buildings Predominant

Built-Up Area with Non-Fireproof Buildings Predominant

Individual Fireproof Building

Prominent Industrial Building

Individual Dwelling, Fireproof

Ruins of an Individual Dwelling

Factory or Mill Chimney

Factory or Mill with Chimney

Factory or Mill without Chimney

Mine or Open Pit Mine

Operating Shaft or Mine

Non-Operating Shaft or Mine

Salt Mine

Tailings Pile

Pit

Stone Quarry

Gas Pump or Service Station

Fuel Storage or Natural Gas Tank

Oil or Natural Gas Derrick

Small Hydroelectric Power Station

Power Station

Transformer Station

Cemetery

Burial Mound (height in metres)

Triangulation Point on Burial Mound

Triangulation Point

Bench Mark

Bench Mark (monumented)

Telegraph Office

Telephone Station

Radio Station

Radio Tower

Airfield or Seaplane Base

Landing Strip

Telegraph/Telephone Lines

Main Highway

Highway under Construction

Improved Dirt Road (former truck road)

Double-track Railroad with First Class Station

Railroad Under Construction

Shore Embankment

River or Ditch with Embankment

Direction and velocity of current

Water Gauge

Water Level Mark

Well

Water Reservoir or Rain Water Pit

Spring

Isobath with value

Heavy (Index) Contour Line

Contour Line and Value

Half Contour Line

Spot Elevation Value

Coniferous

Deciduous

Mixed

Scrub

Key to Numbers on Mapping

SD70_Manchester

No.	Description
11	Industrial Buildings (Use Unknown)

SD80_Manchester

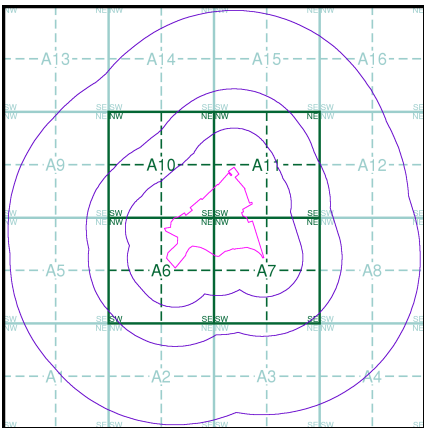
No.	Description
199	Sewage Works



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lancashire And Furness	1:10,560	1848 - 1851	3
Lancashire And Furness	1:10,560	1894 - 1895	4
Lancashire And Furness	1:10,560	1910 - 1911	5
Lancashire And Furness	1:10,560	1923 - 1931	6
Lancashire And Furness	1:10,560	1932	7
Lancashire And Furness	1:10,560	1938	8
Ordnance Survey Plan	1:10,000	1955	9
Ordnance Survey Plan	1:10,000	1965	10
Ordnance Survey Plan	1:10,000	1974	11
Manchester	1:25,000	1975	12
Ordnance Survey Plan	1:10,000	1980 - 1983	13
Ordnance Survey Plan	1:10,000	1989	14
Ordnance Survey Plan	1:10,000	1992	15
10K Raster Mapping	1:10,000	1999	16
10K Raster Mapping	1:10,000	2006	17
VectorMap Local	1:10,000	2016	18

Russian Map - Slice A



Order Details

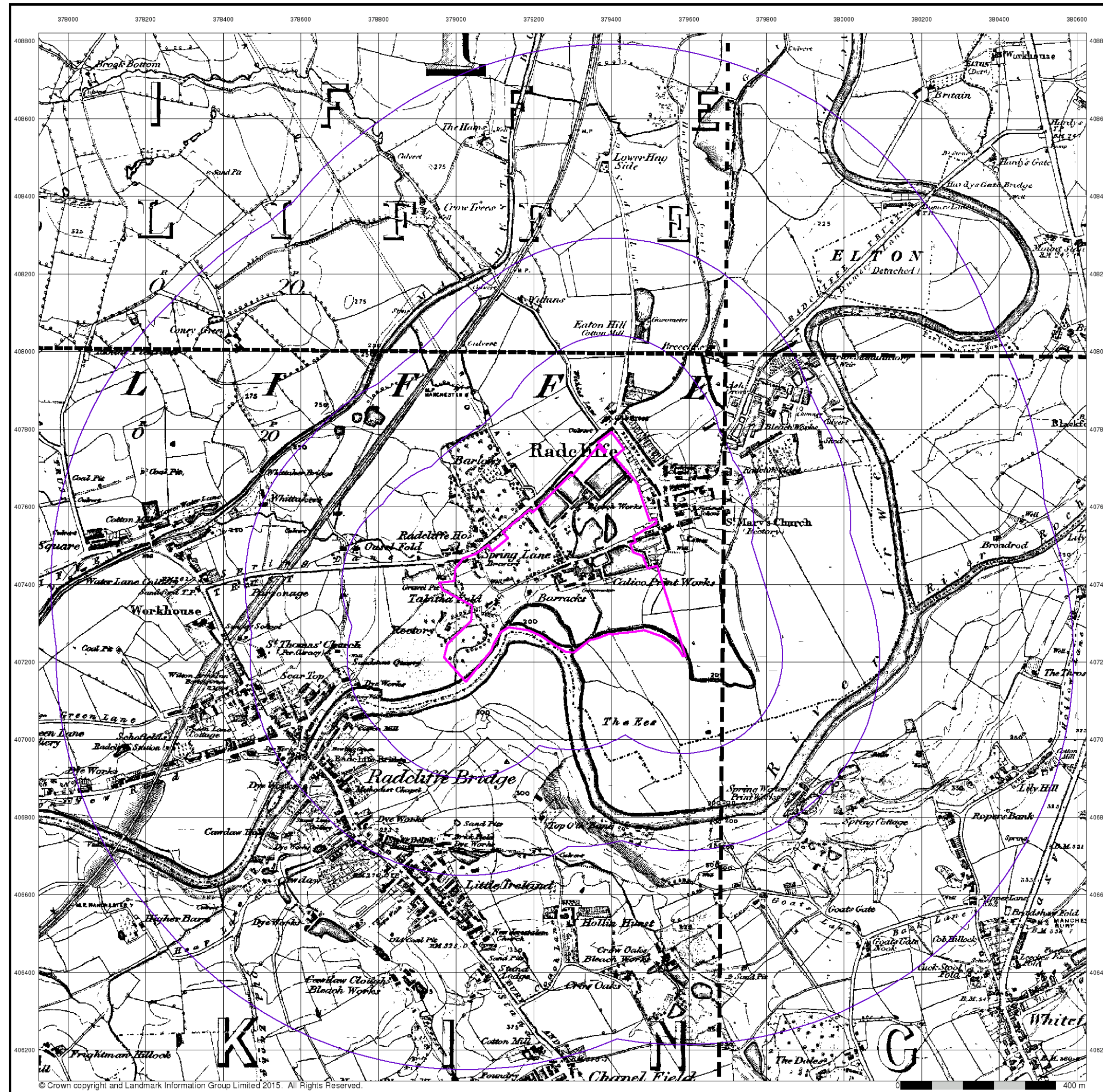
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1848 - 1851

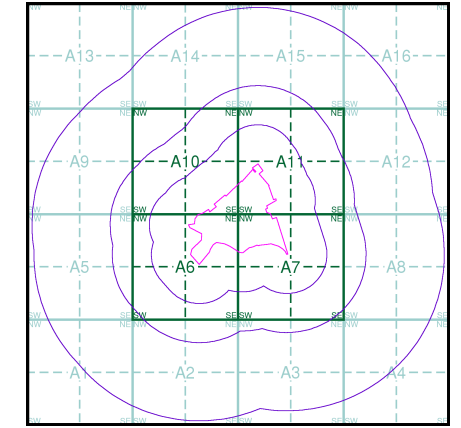
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

08700 1850 1:10,560	08800 1851 1:10,560
09500 1850 1:10,560	09600 1848 1:10,560

Historical Map - Slice A



Order Details

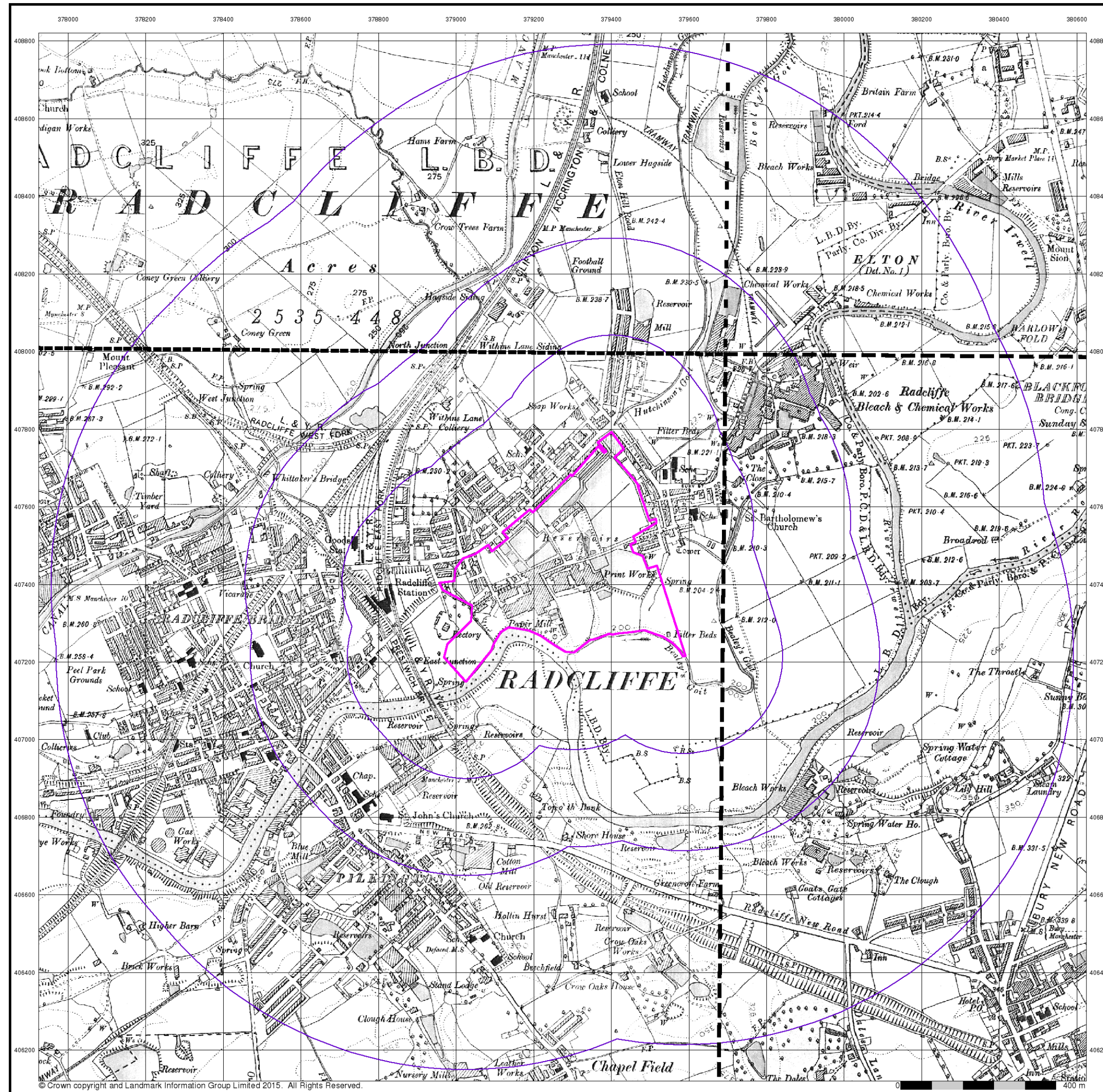
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
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Lancashire And Furness

Published 1894 - 1895

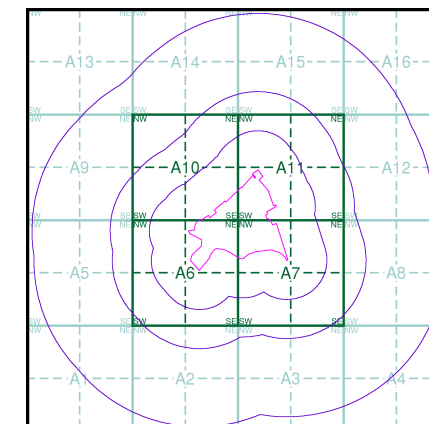
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

087SE 1894 1:10,560	088SW 1894 1:10,560
095NE 1895 1:10,560	096NW 1894 1:10,560

Historical Map - Slice A



Order Details

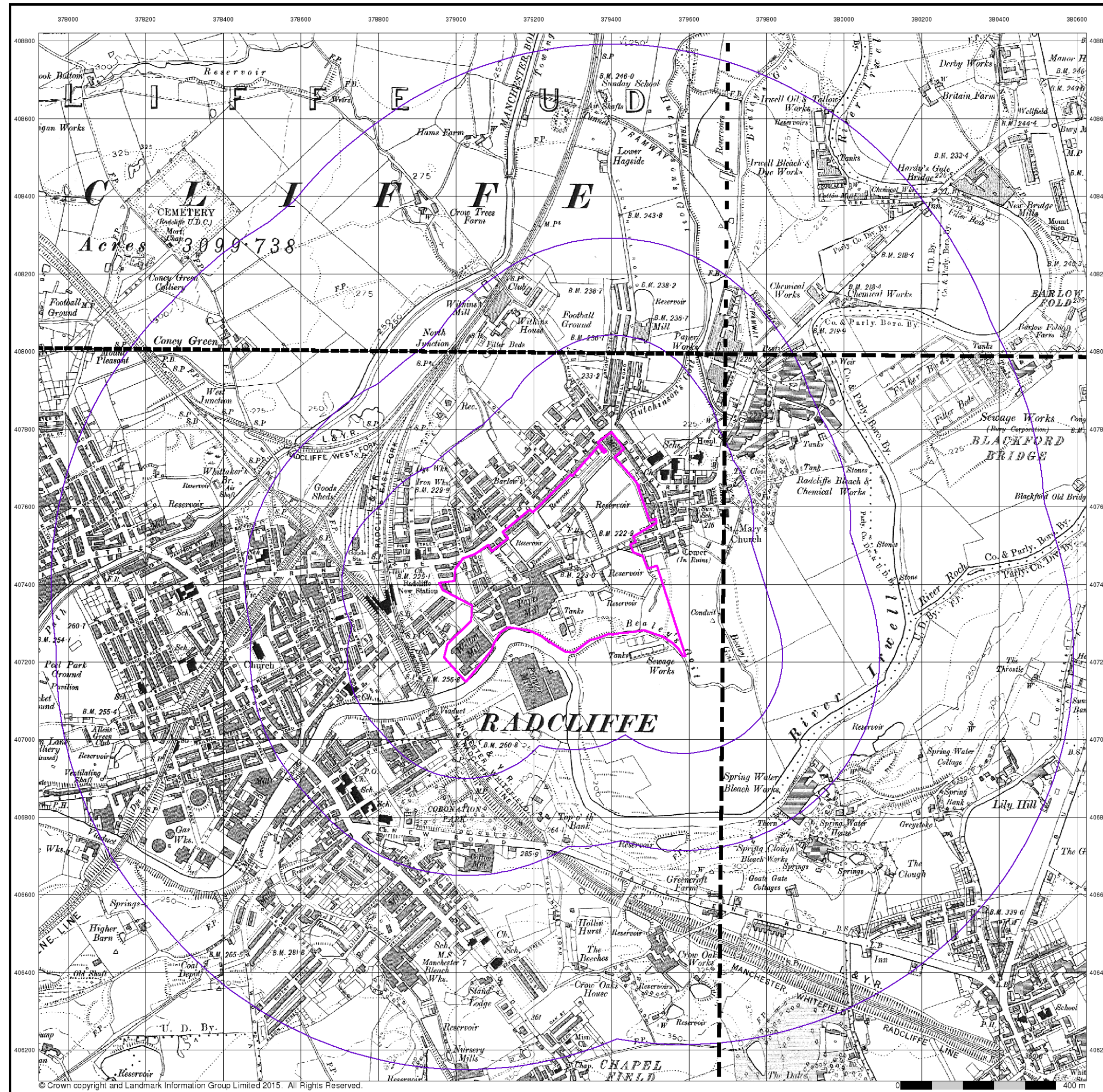
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

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Lancashire And Furness

Published 1910 - 1911

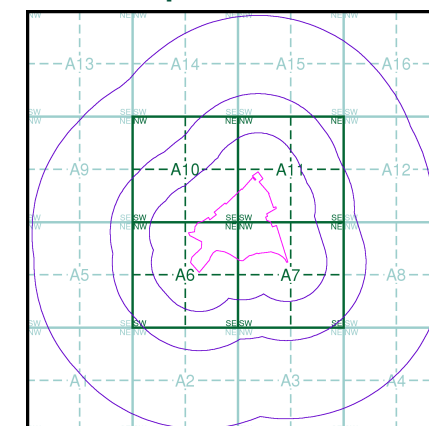
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

087SE 1911 1:10,560	088SW 1910 1:10,560
095NE 1910 1:10,560	096NW 1910 1:10,560

Historical Map - Slice A



Order Details

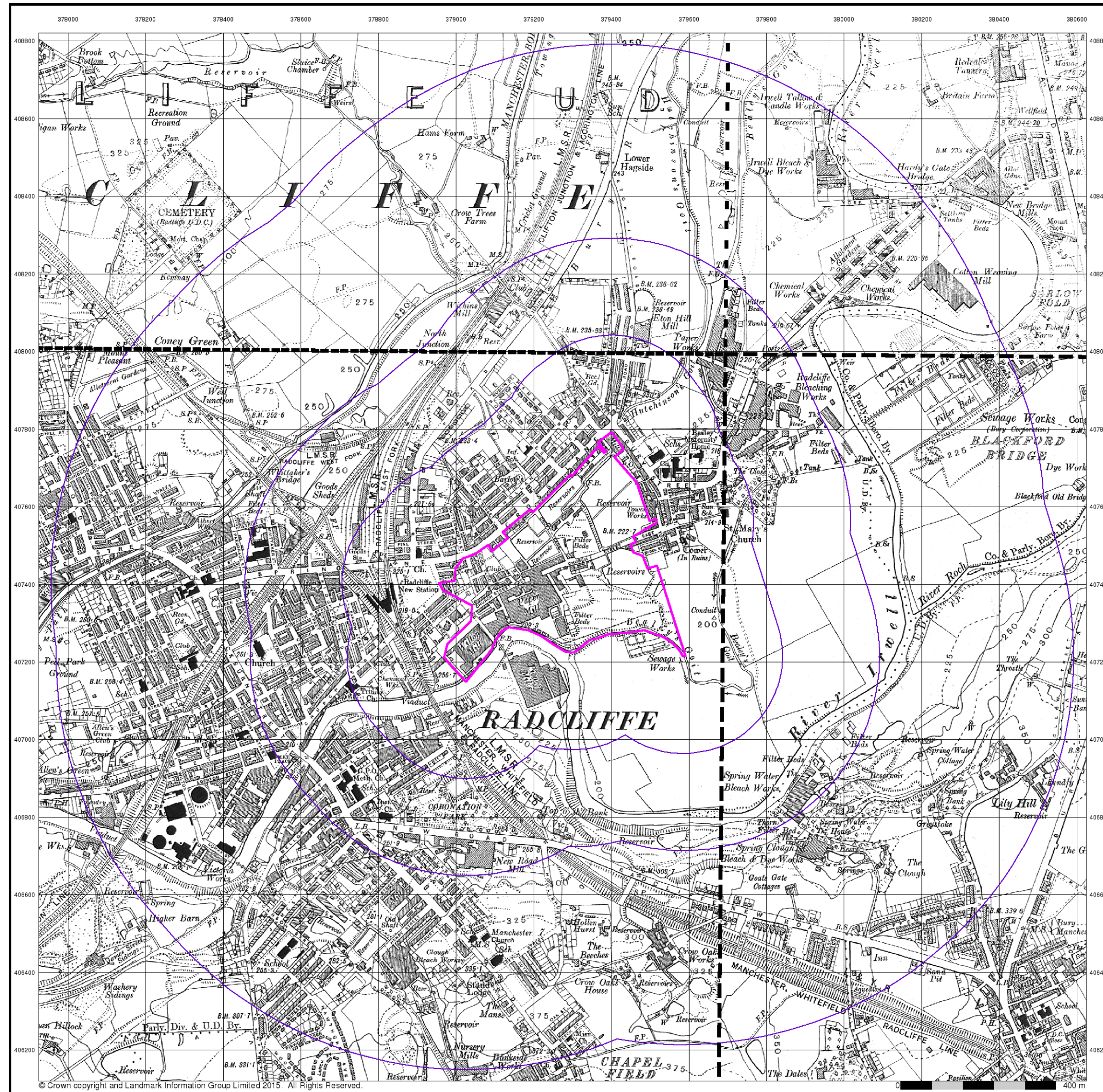
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1923 - 1931

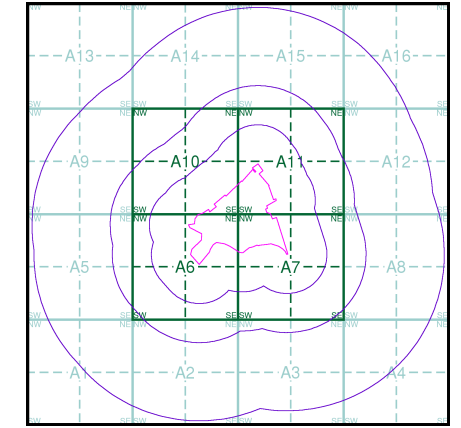
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

087SE 1931 1:10,560	088SW 1931 1:10,560
095NE 1930 1:10,560	096NW 1923 1:10,560

Historical Map - Slice A



Order Details

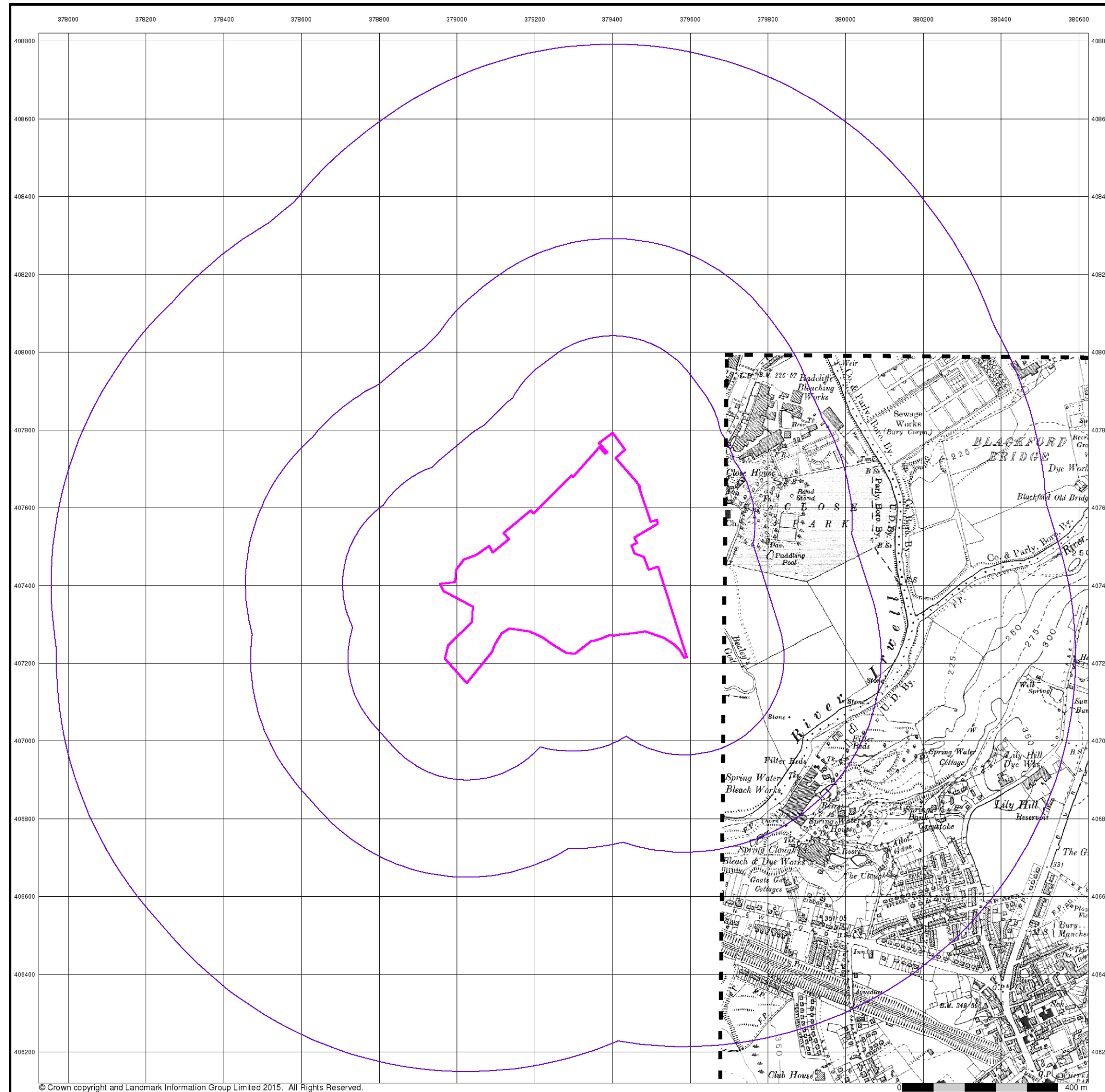
Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

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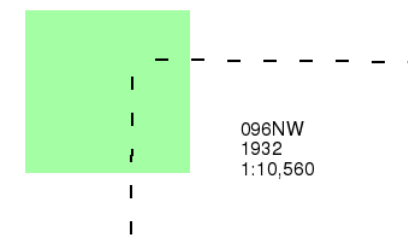
Lancashire And Furness

Published 1932

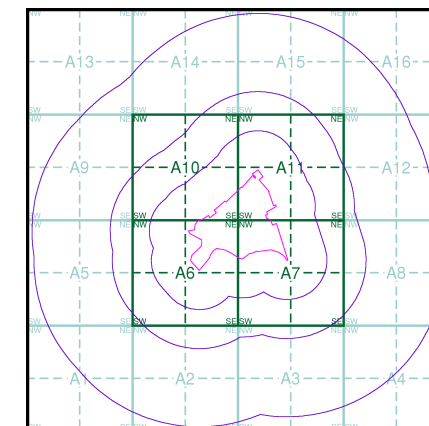
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

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Lancashire And Furness

Published 1938

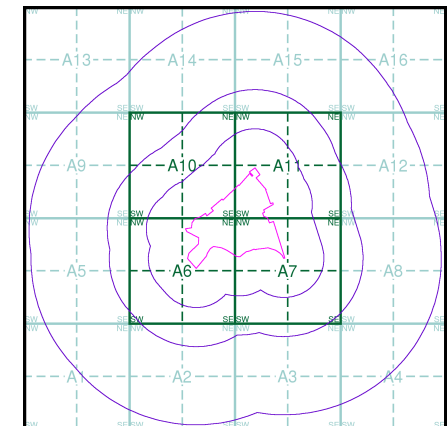
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

087SE 1938 1:10,560	088SW 1938 1:10,560
095NE 1938 1:10,560	096NW 1938 1:10,560

Historical Map - Slice A



Order Details

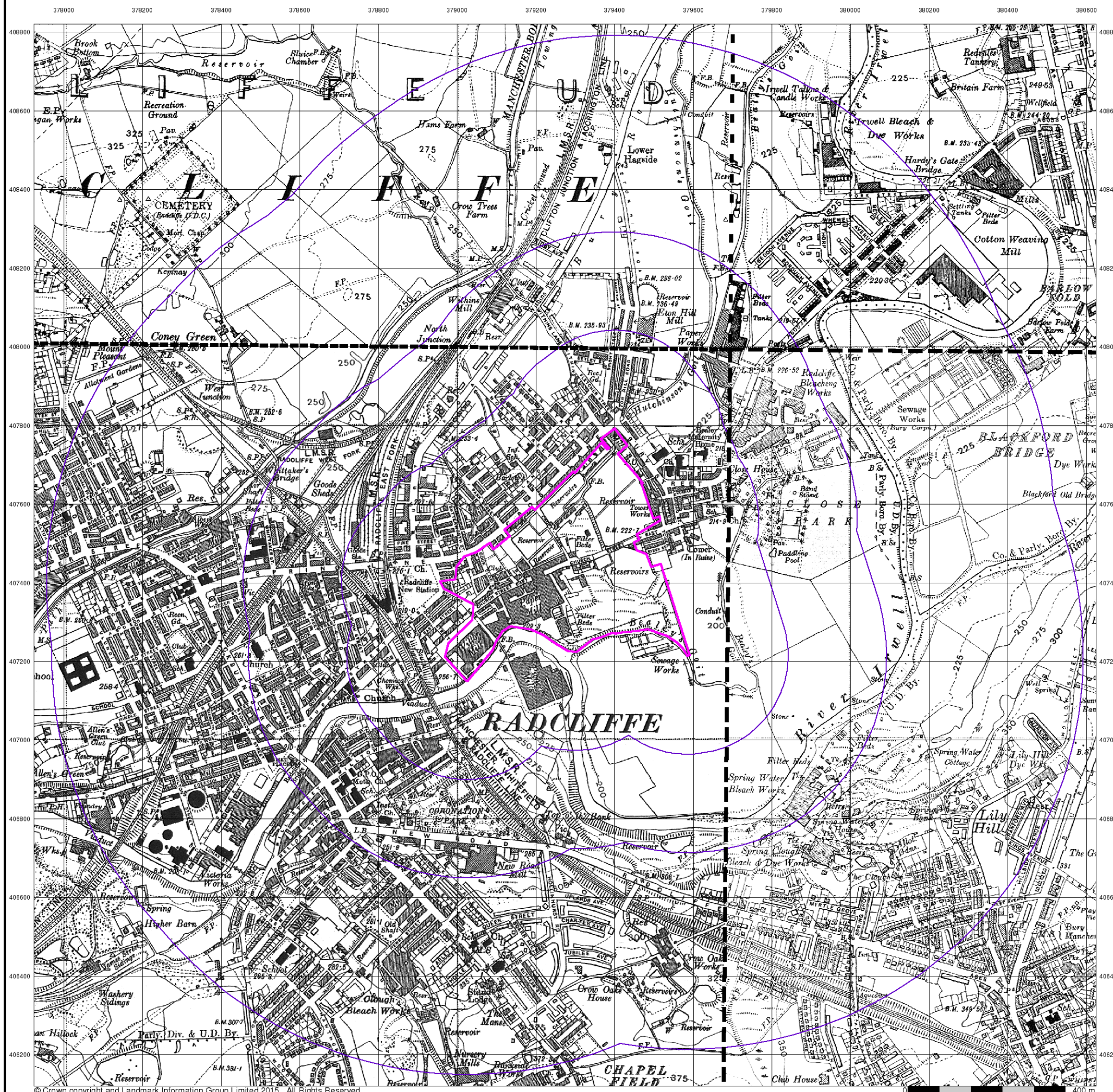
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Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
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Site Details

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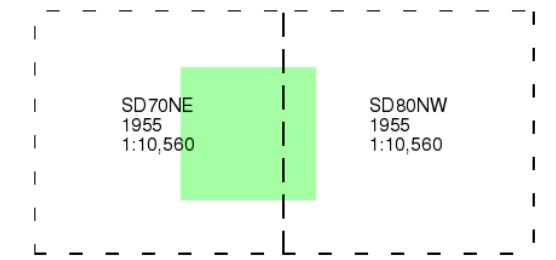
Ordnance Survey Plan

Published 1955

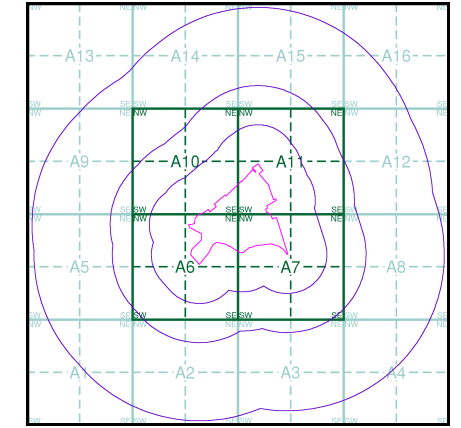
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

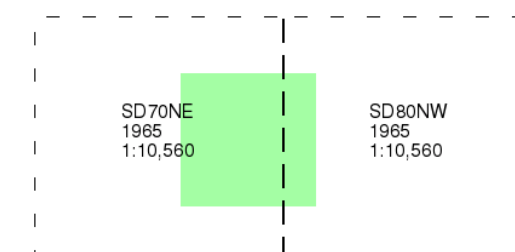


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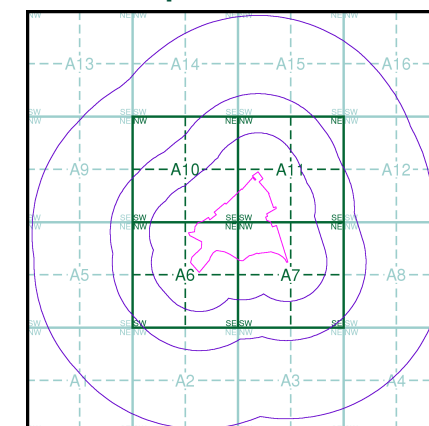


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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

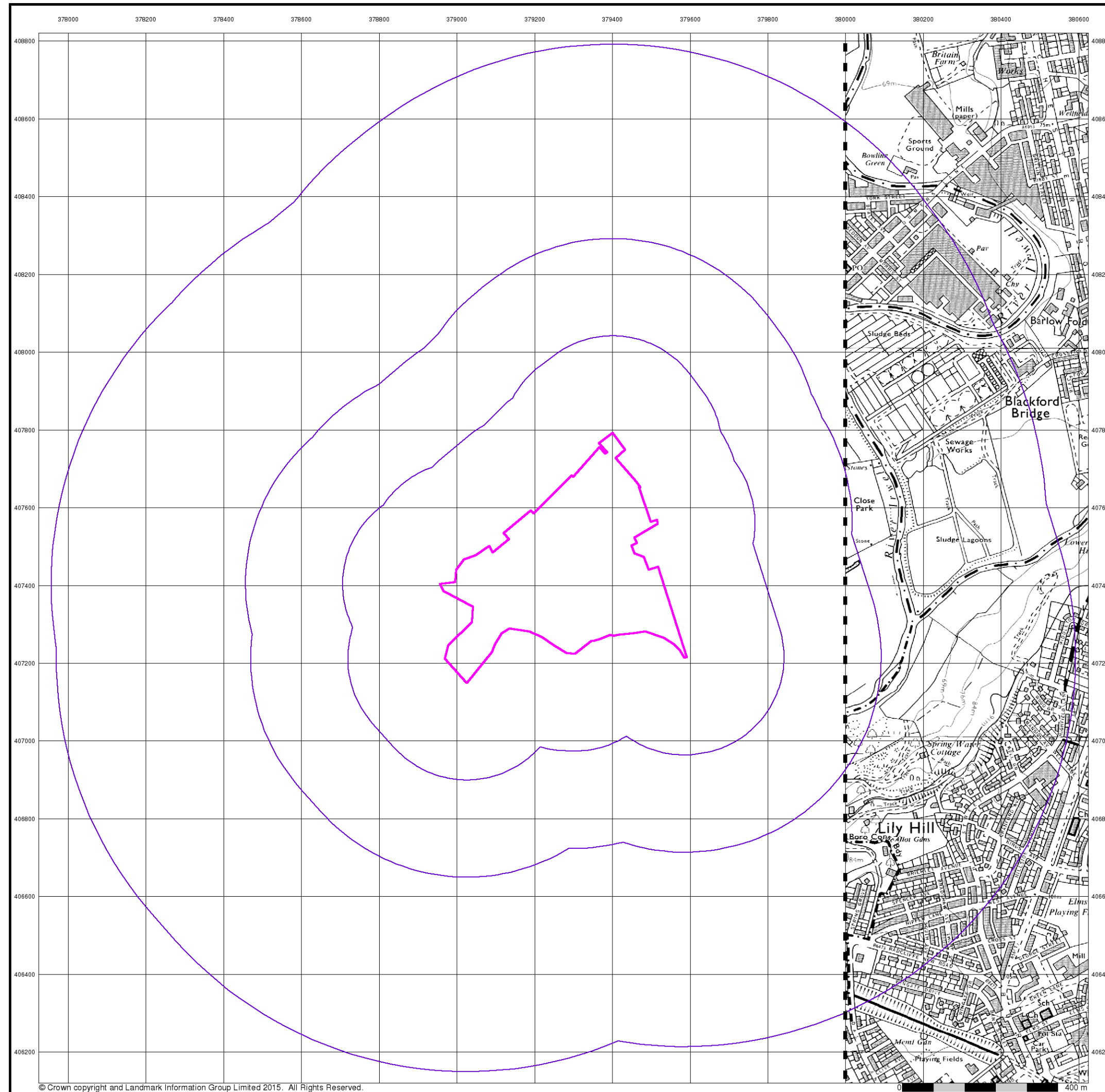
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Search Buffer (m):	1000

Site Details

Site at 379250, 407450

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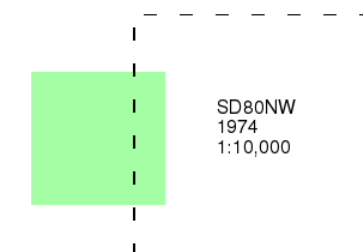
Ordnance Survey Plan

Published 1974

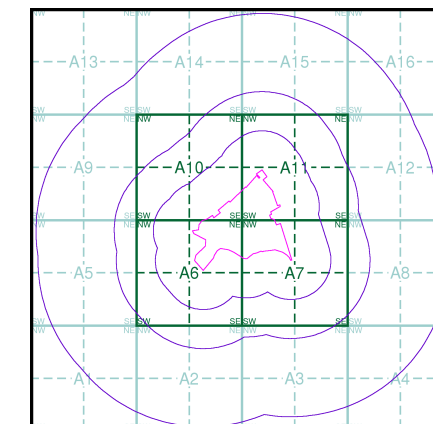
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Map Name(s) and Date(s)



Historical Map - Slice A



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Manchester

Published 1975

Source map scale - 1:25,000

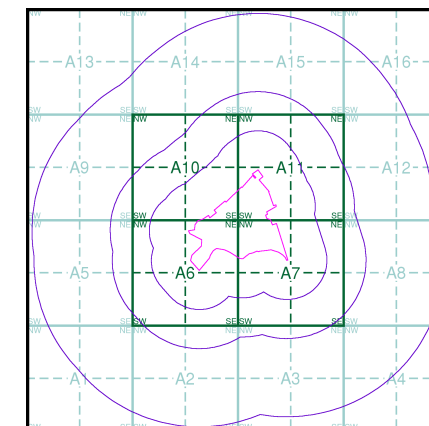
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

SD70 1975 1:25,000		SD80 1975 1:25,000
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Russian Map - Slice A



Order Details

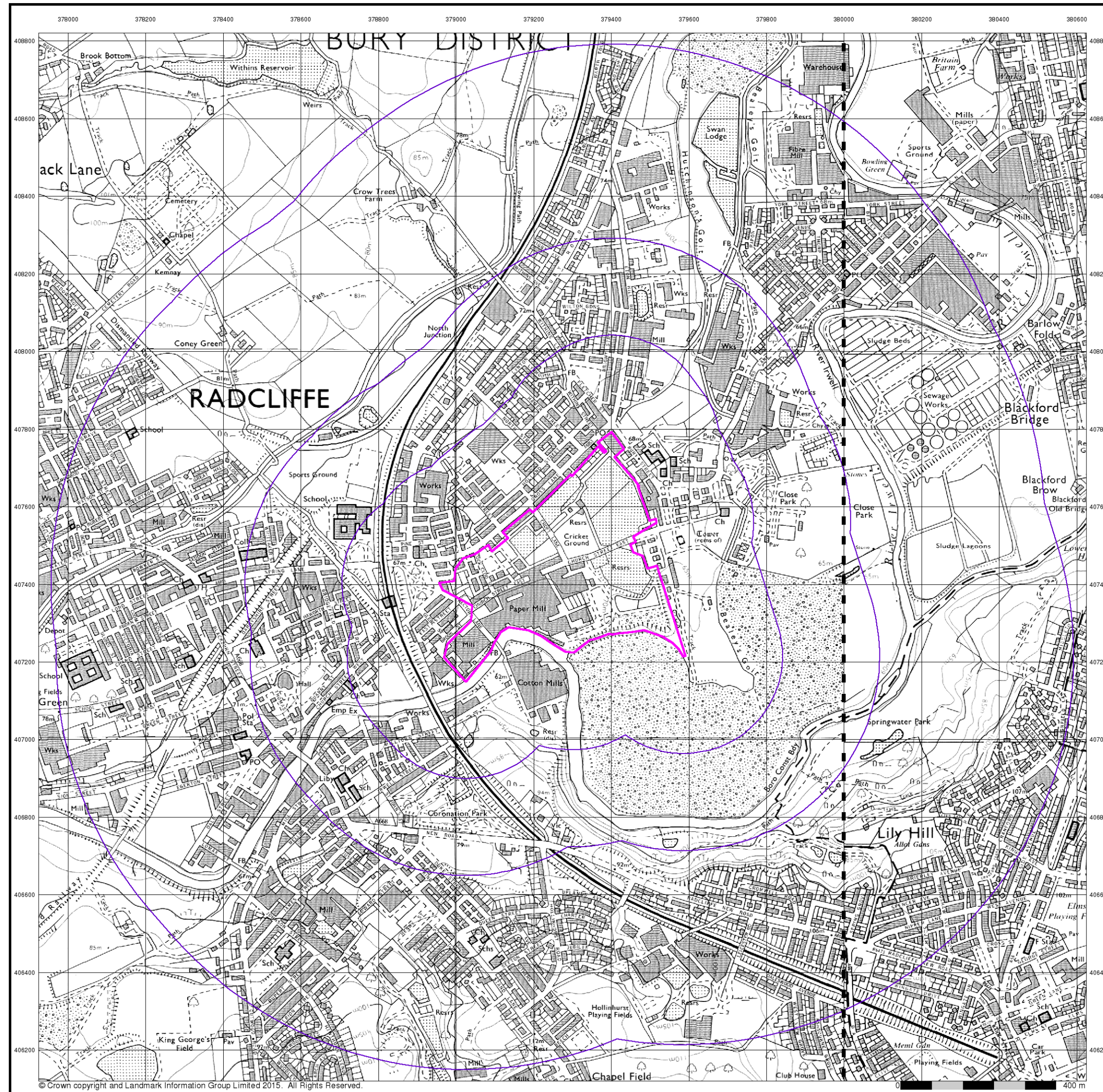
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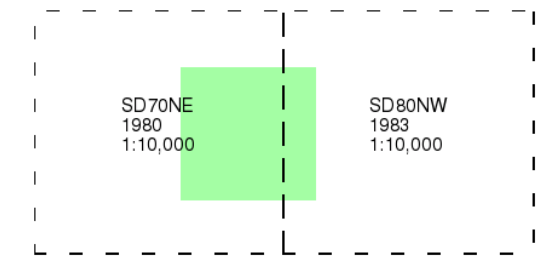
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Published 1980 - 1983

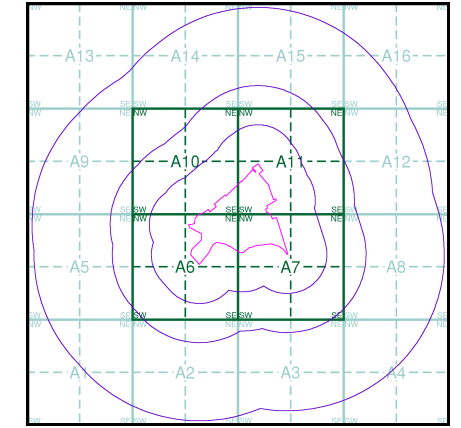
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

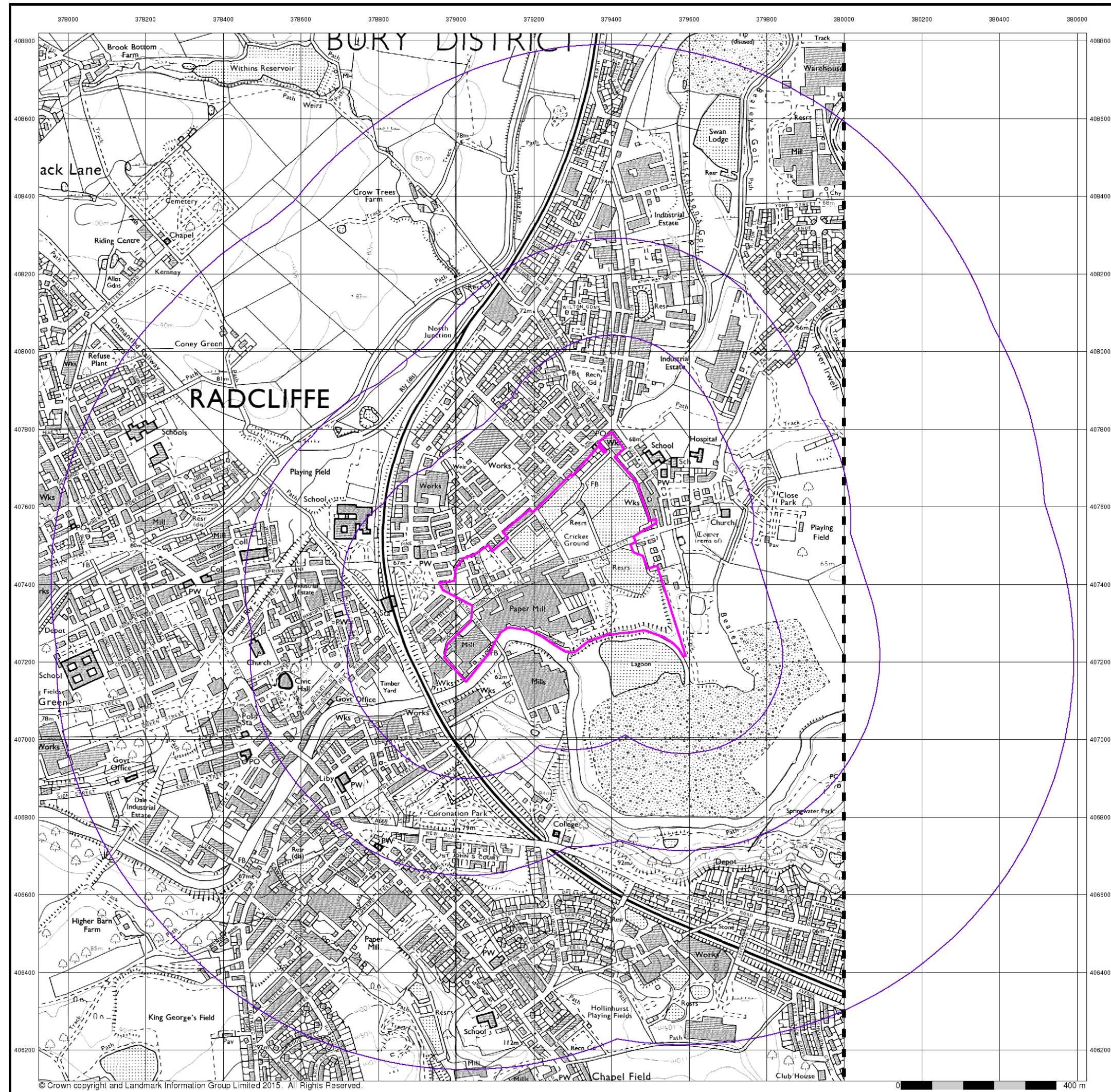
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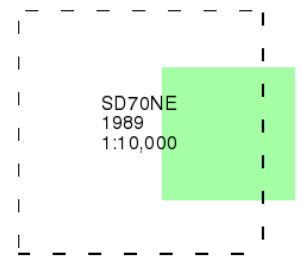
Ordnance Survey Plan

Published 1989

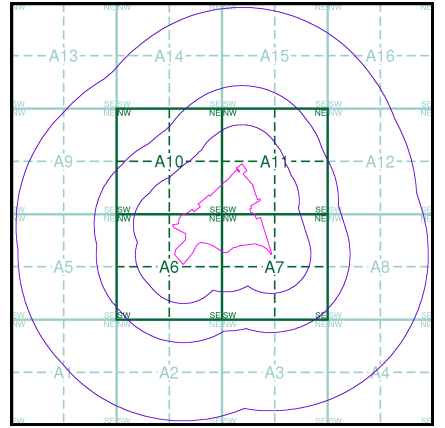
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

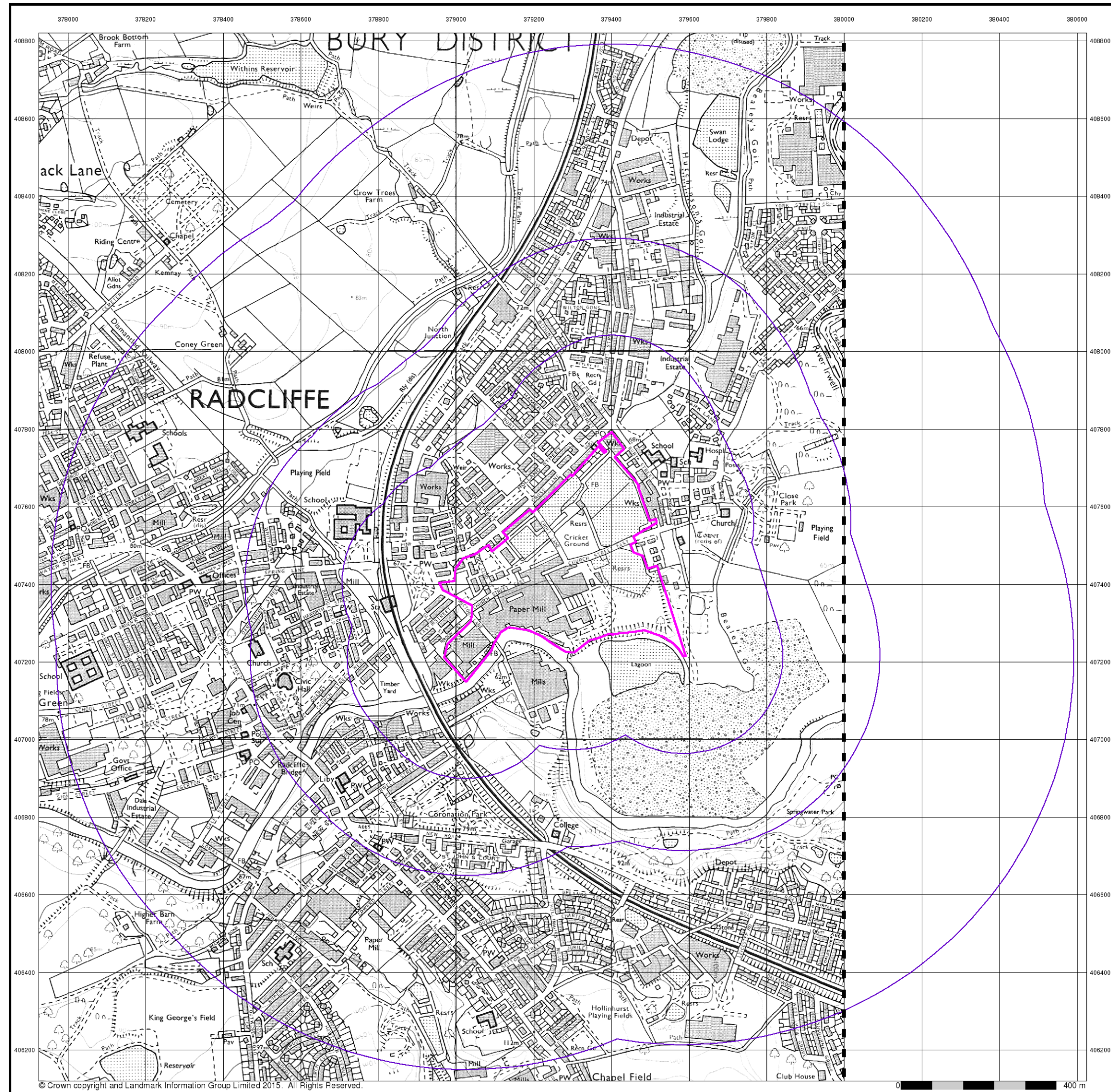
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Site Area (Ha): 19.06
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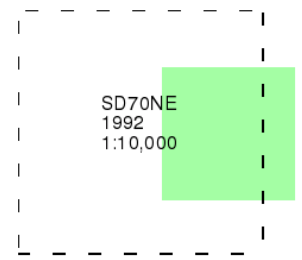
Ordnance Survey Plan

Published 1992

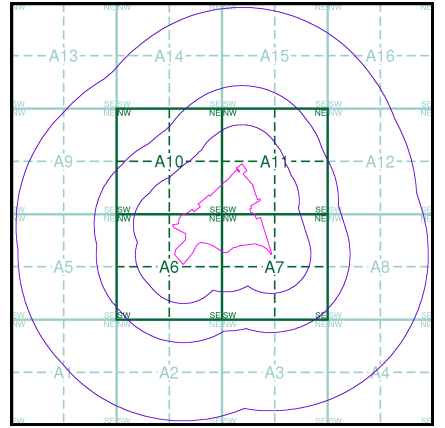
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Map Name(s) and Date(s)



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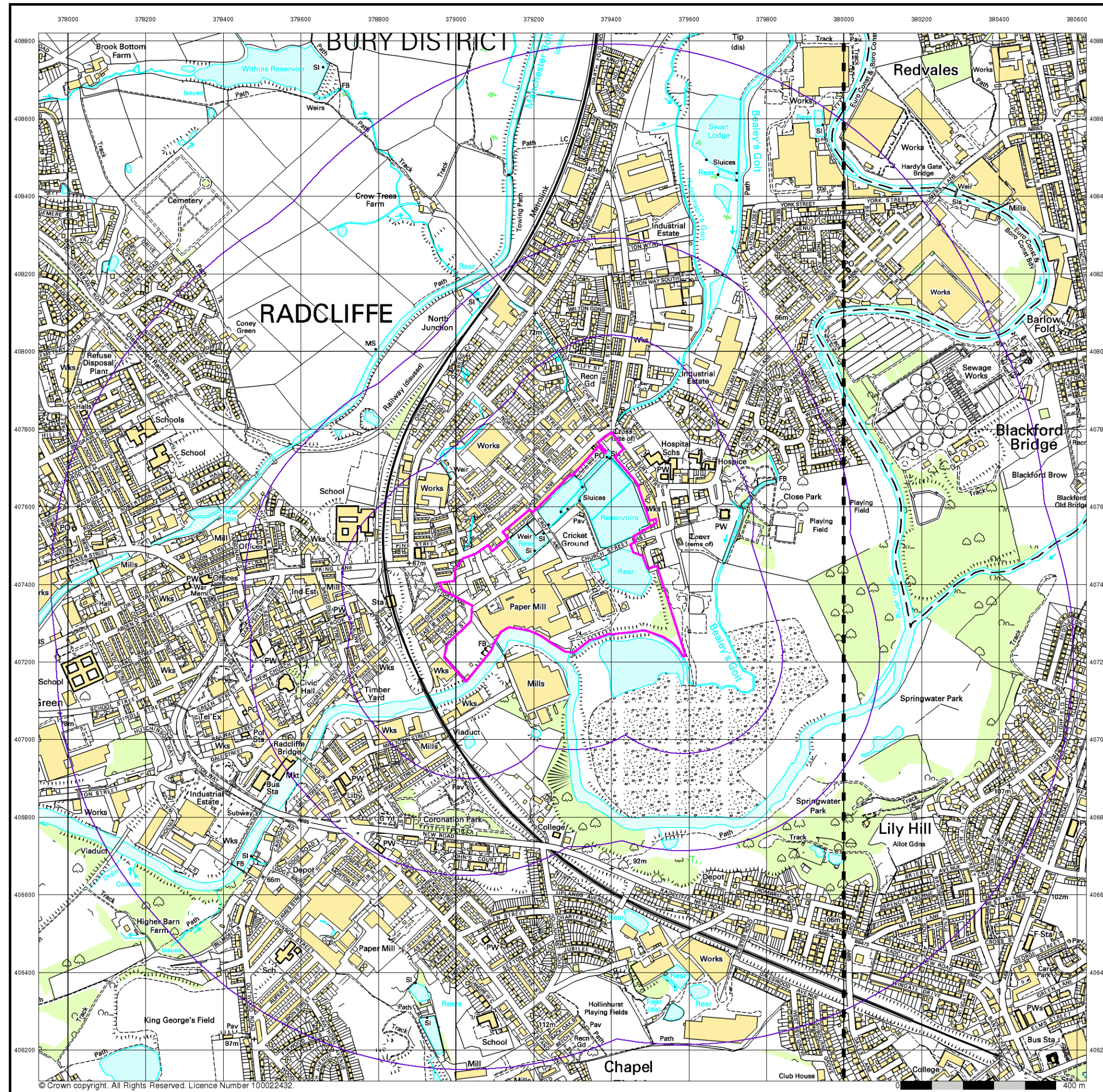
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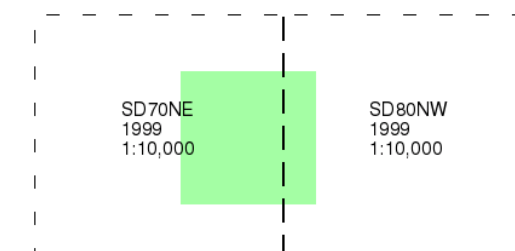
10k Raster Mapping

Published 1999

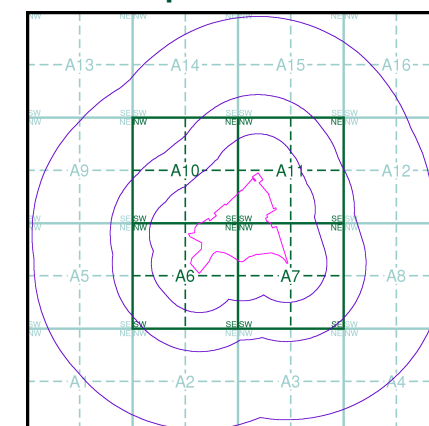
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The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

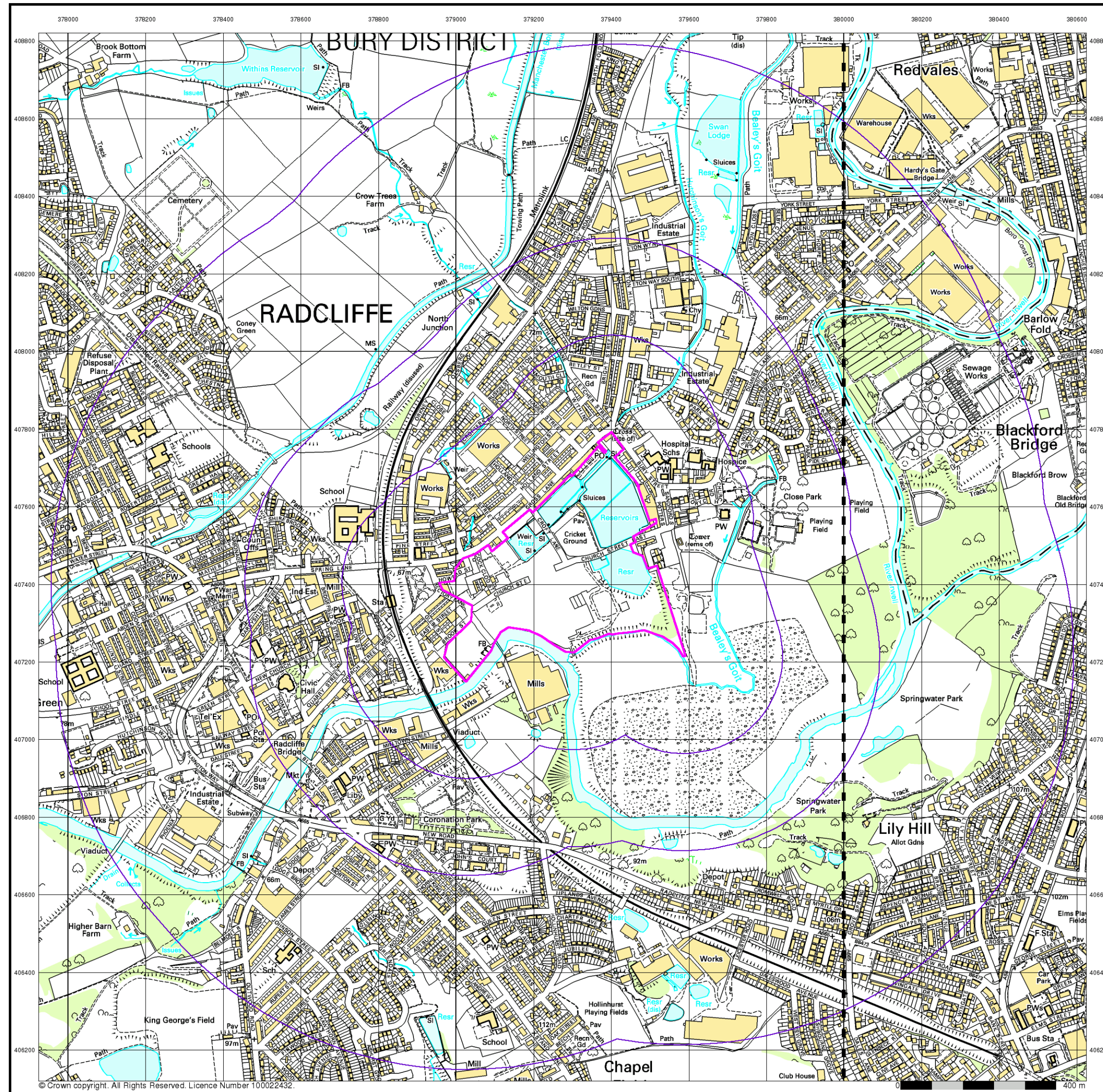
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Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

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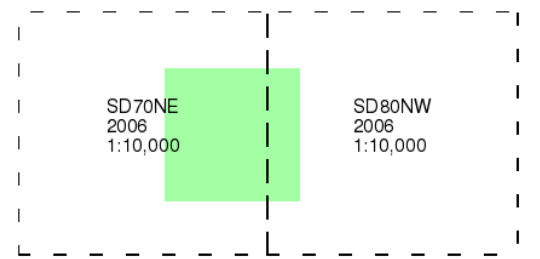
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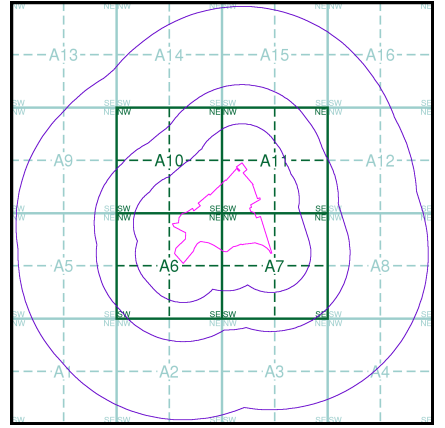
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 103935048_1_1
Customer Ref: A090070-193_DB
National Grid Reference: 379290, 407410
Slice: A
Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450



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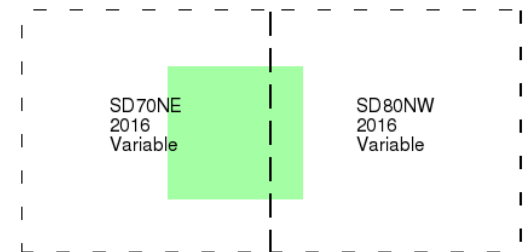
VectorMap Local

Published 2016

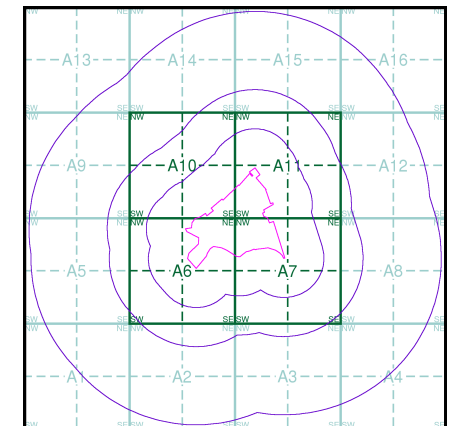
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A



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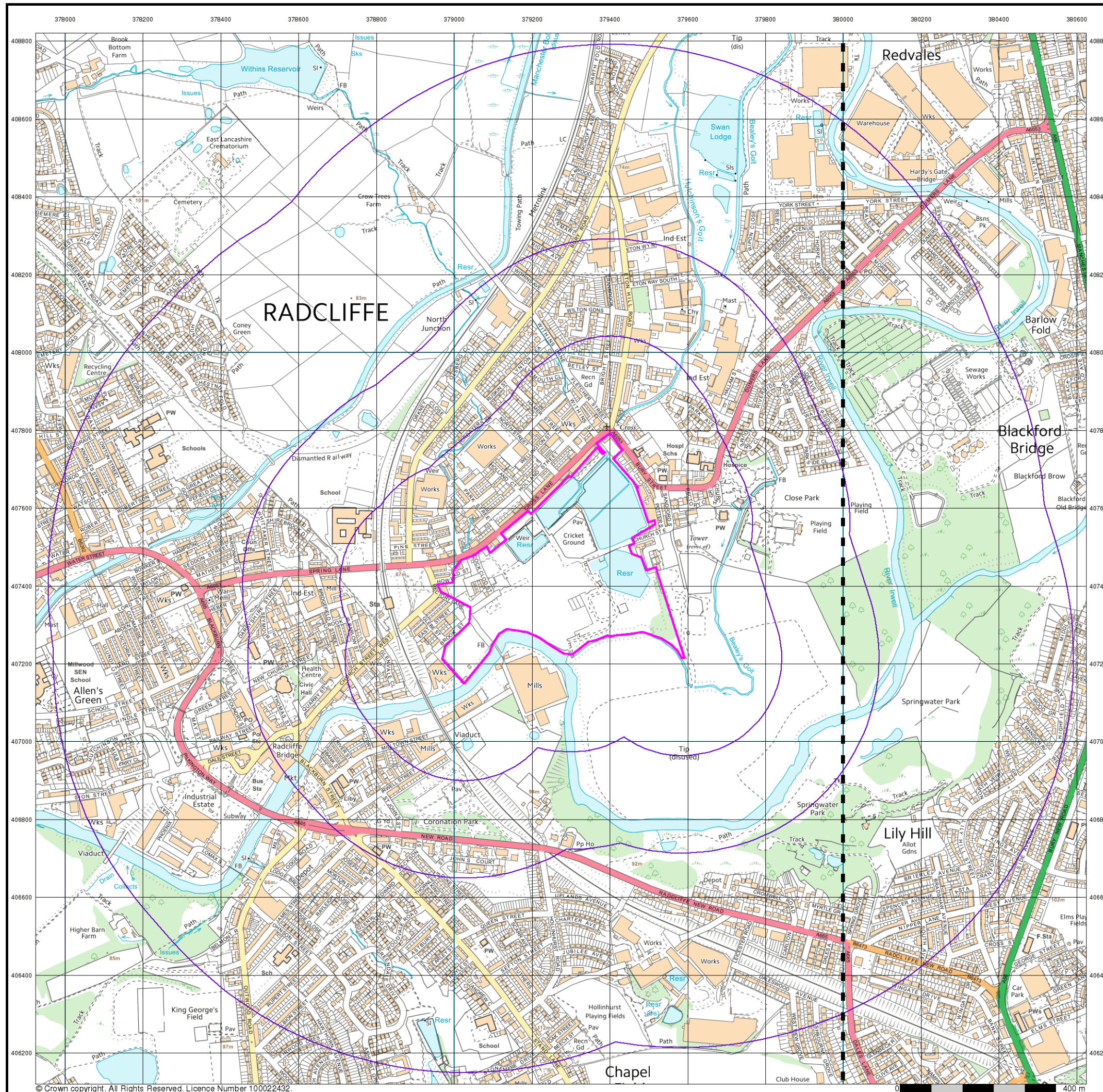
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Site Area (Ha): 19.06
Search Buffer (m): 1000

Site Details

Site at 379250, 407450

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Appendix E – Coal Mining Report



The Coal
Authority

Resolving the **impacts** of mining

CON29M Non-Residential Mining Report

SITE AT 379250, 407450
GREATER MANCHESTER



Date of enquiry: 10 November 2016
Date enquiry received: 10 November 2016
Issue date: 10 November 2016

Our reference: 51001288329001
Your reference: 104174896_1 |



CON29M Non-Residential Mining Report

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.

Client name

LANDMARK INFORMATION GROUP LIMITED

Enquiry address

SITE AT 379250, 407450, GREATER MANCHESTER

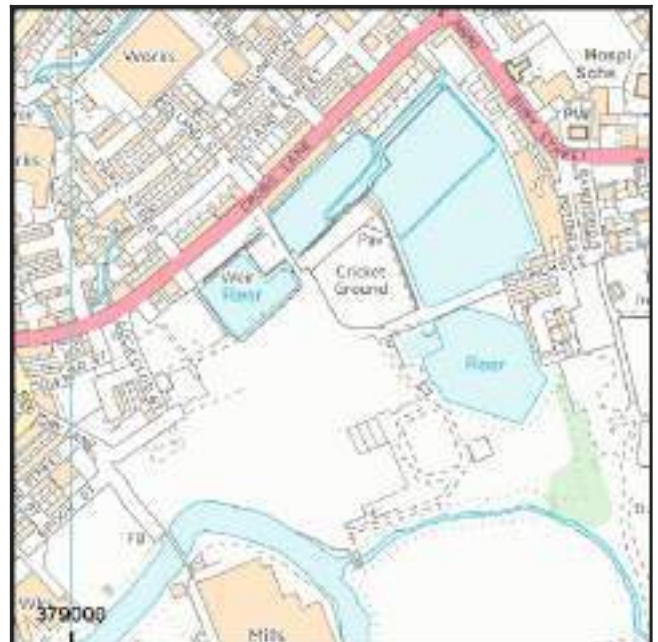
How to contact us

0345 762 6848 (UK)
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200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

 /company/the-coal-authority
 /thecoalauthority
 /coalauthority



Approximate position of property



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Summary

Has the search report highlighted evidence or potential of		
1	Past underground coal mining	Yes
2	Present underground coal mining	No
3	Future underground coal mining	Yes
4	Mine entries	Yes
5	Coal mining geology	No
6	Past opencast coal mining	No
7	Present opencast coal mining	No
8	Future opencast coal mining	No
9	Coal mining subsidence	No
10	Mine gas	No
11	Hazards related to coal mining	No
12	Withdrawal of support	No
13	Working facilities order	No
14	Payments to owners of former copyhold land	No
15	Information from the Cheshire Brine Subsidence Compensation Board	No

For detailed findings, please go to page 4.

Detailed findings

1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 5 seams of coal at 150m to 440m depth, and last worked in 1893.

Any movement in the ground due to coal mining activity should have stopped.

In addition the property is in an area where the Coal Authority believe there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered prior to any site works or future development activity. Your attention is drawn to the Comments on the Coal Authority information section of the report.

2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

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

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4. Mine entries

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

There may however be mine entries/additional mine entries in the local area which the Coal Authority has no knowledge of.

5. Coal mining geology

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

6. Past opencast coal mining

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

7. Present opencast coal mining

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

8. Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

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.

9. Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal 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.

10. Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11. 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.

12. Withdrawal of support

The property is not in an area where a notice to withdraw support has been given.

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

13. Working facilities order

The property is not in an area where 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.

14. Payments to owners of former copyhold land

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

15. Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Comments on the Coal Authority information

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In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining and Brine Subsidence Claim enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. Please note that Brine Subsidence Claim enquiries are only relevant for England and Wales. 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 applicable at the time the report was produced.

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Alternative formats

If you would like this report in an alternative format, please contact our communications team.

Enquiry boundary

Key

Approximate position of enquiry boundary shown



How to contact us

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+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com



/company/the-coal-authority



/thecoalauthority



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Appendix F – Coal Mining Risk Assessment



East Lancashire Paper Mill Preliminary Coal Mining Risk Assessment

Introduction

The Homes and Communities Agency (HCA) is promoting the development of land at East Lancashire Paper Mill, Radcliffe, Bury. It is understood the proposed development is capable of supporting approximately 490 residential properties.

In line with the requirements of the Coal Authority (a statutory consultee under the planning regime) a Preliminary Coal Mining Risk Assessment is required to address the potential hazards created by the coal mining legacy.

The purpose of this risk assessment is to:

- Present a desk-based review of information on the coal mining issues which are relevant the proposed development towards the northeast and eastern boundary of the site;
- Use that information to identify and assess potential hazards arising from coal mining legacy issues, including the cumulative impact of issues;
- Set out appropriate mitigation measures to address any revealed hazards, including the need for physical site investigations and remedial works; and,
- Demonstrate to the Local Planning Authority that the site is, or can be made, safe for the intended development.

Sources of Information Consulted

The following sources of information have been used to inform this risk assessment:

- Envirocheck™ Report (report ref: 103935048_1_1 dated 08th November 2016) incorporating historical OS mapping and 1:10,000 scale geological mapping;
- Coal Authority web site;
- A Coal Authority (CA) Non-residential Coal and Brine Report (report ref: 51001288329001 dated 10th November 2016);
- Ground Investigation Exploratory Borehole Logs (Encia 2003);
- British Geological Survey (BGS) map sheet 85 Manchester (drift edition) 1:63,360 scale;
- BGS map sheet 85 Manchester (solid edition) 1:50,000 scale; and,
- BGS web site.

Identification and Assessment of Specific Coal Mining Risks

The site is centred approximately on OS grid reference 379300, 407570, located east of Radcliffe Town Centre and accessed via Croft Lane. The table below summarises the potential risks associated with the coal mining legacy for the site. Information to support the risk assessment, as provided by the sources consulted, is discussed below.

Coal Mining Issue	Yes	No	Risk Assessment
Underground coal mining	Y		The CA Report indicates that the site could be affected by underground mining in five seams of coal located between 150m and 440m depth. Last worked in 1893. Any ground movements arising from these workings should have stopped.
Underground coal mining (probable at shallow depths)	Y		The land is in an area where the CA believes there is coal at or close to the surface. This coal may have been worked at some time in the past. Historical borehole logs for the site indicate broken ground and loss of flush during drilling.
Mine entries (shafts and adits)		N	There are no CA recorded mine entries on the site or within 20m of its boundaries.
Coal mining geology (fissures)		N	None known
Record of past mine gas emissions		N	No records of mine gas emissions are held by the CA.
Recorded coal mining surface hazard		N	The site has not been subject to any emergency remedial works relating to coal mining hazards. The CA has not received a notice of damage claim for the plot, or any property within 50m, since 31 October 1994.
Surface mining (opencast workings)		N	The site does not lie within the boundaries of an opencast site from which coal was removed by opencast methods.

Envirocheck™ report

The Envirocheck report includes historical OS map editions and 1:10000 scale geological mapping. Information provided by the latter is described in the section *Geological Mapping* below.

Historical OS mapping shows the following relevant features:

- Withins Lane Colliery (on the map of 1894) had been established approximately 400m northwest of the site. By 1910, the colliery is not named and the area is indicated to be a refuse tip / slag heap.
- Numerous collieries are referenced at distances greater than 500m from the site boundary. These are located particularly to the north and northwest of the site and include Coney Green Colliery approximately 1km northwest.

None of these features lie within the boundaries of the site.

Coal Authority

The Coal Authority's web site has been consulted and this has provided the following relevant information for the site:

- Part of the site is in a Development High Risk Area;
- There are numerous recorded mine shafts in the general vicinity of the site; and
- There are records of coal being worked at shallow depth in the general vicinity of the site.

A coal mining report has been procured from the Coal Authority. The full report is included as Appendix E and the principal findings are set out below.

- The site is within an area that could be affected by underground mining in five seams of coal at depths of between 150m and 440m bgl. These were last worked in 1893.
- The site is in an area where there is coal at or close to the surface and this coal may have been worked at some point in the past.
- There are no known coal mine entries within, or within 20 metres of, the boundary of the site.
- There are no recorded subsidence claims relating to the site or other properties within 50m of it since 31 October 1994.
- No emergency remedial works related to coal mining hazards have been carried out at the site.

Geological Mapping

The BGS map sheets (solid and drift editions) and the 1:10,000 scale mapping included in the Envirocheck™ report indicate the following features:

- The geological maps indicate that the north-eastern section of the site is underlain by Made Ground. This is probably associated with the infilling of former onsite reservoirs.
- The geological map indicates that the site is underlain by Glaciofluvial sheet deposits on the northern part and Alluvium on the south.
- The geological map indicates that a fault orientated northwest to southeast strikes through the site with the downthrow in a south westerly direction.

- To the north of the fault the solid geology comprises Pennine Middle Coal Measures. There are two coal seams which have the potential to be present in the underlying strata at fairly shallow depth. The deeper of the two is the Rams Mine and sub-cropping above that is the Top Three Yards Mine. The seams are orientated northeast to southwest with a dip of 8 degrees to the south south east. The Top Five Quarters Mine sub crops to the south of the site.
- To the south of the fault the solid geology comprises Westphalian Coal Measures. The sequence includes Nob End Rock (sandstone) on the eastern part and Pennine Middle Coal Measures on the western part.

BGS Borehole & Shaft Records

The BGS holds records of one mine shaft located approximately 400m northwest of the site at Withins Lane Colliery and two water well boreholes which have been drilled at the site.

Withins Colliery Shaft, Bury Road (BGS Reference: SD70NE25)

The shaft record shows the following geological succession (please note the depths are approximate due to some missing records):

Stratigraphy	Approximate Thickness (m)	Approximate Depth in the Shaft (m bgl)	
		From	To
Drift	2.44	0	2.44
Marl	16.36	2.44	18.80
Coal Measures	7.82	18.80	26.62
COAL	0.13	26.62	26.75
Coal Measures	3.61	26.75	30.35
COAL	0.06	30.35	30.41
Coal Measures	5.61	30.41	36.02
COAL	0.61	36.02	36.63
Coal Measures	6.15	36.63	42.78
WHITE MINE	1.47	42.78	44.25
Coal Measures	5.46	44.25	49.71
COAL	1.12	49.71	50.83
COAL	0.10	50.83	50.93
Coal Measures	1.68	50.93	52.61
COAL	0.30	52.61	52.91
Coal Measures	1.75	52.91	54.67
BLACK MINE	1.24	54.67	55.91
Coal Measures	20.40	55.91	76.31
COAL	0.03	76.31	76.33
Coal Measures	2.18	76.33	78.52
COAL	0.36	78.52	78.87
Coal Measures	0.00	78.87	78.87
COAL	0.66	78.87	79.53
Coal Measures	4.22	79.53	83.75
COAL	0.46	83.75	84.21

Stratigraphy	Approximate Thickness (m)	Approximate Depth in the Shaft (m bgl)	
		From	To
Coal Measures	0.91	84.21	85.12
GINGHAM MINE	0.79	85.12	85.91
Coal Measures	0.76	85.91	86.67
COAL	0.05	86.67	86.72
Coal Measures	2.39	86.72	89.11
COAL	0.03	89.11	89.14
Coal Measures	1.12	89.14	90.25
LITTLE MINE	0.58	90.25	90.84
Coal Measures	38.07	90.84	128.91
COAL	0.25	128.91	129.17
Coal Measures	1.02	129.17	130.18
COAL	0.13	130.18	130.31
Coal Measures	1.19	130.31	131.50
DOE MINE	3.33	131.50	134.83
Coal Measures	0.00	134.83	134.83
FIVE QUARTERS MINE	1.27	134.83	136.10
Coal Measures	24.21	136.10	160.31
COAL	0.08	160.31	160.38
Coal Measures	0.86	160.38	161.25
COAL	0.30	161.25	161.55
Coal Measures	2.54	161.55	164.09
HELL HOLE MINE	0.61	164.09	164.70
Coal Measures	4.55	164.70	169.25
COAL	0.08	169.25	169.32
Coal Measures	2.82	169.32	172.14
COAL	0.05	172.14	172.19
Coal Measures	0.08	172.19	172.27
COAL	0.36	172.27	172.63
Coal Measures	0.69	172.63	173.31
COAL	0.05	173.31	173.36
Coal Measures	6.15	173.36	179.51
COAL	0.30	179.51	179.81
Coal Measures	0.03	179.81	179.84
COAL	0.30	179.84	180.14
Coal Measures	20.73	180.14	200.87
TRENCHERBONE?	3.48	200.87	204.35
Coal Measures	3.43	204.35	207.78
DYE HOUSE MINE	1.40	207.78	209.18
Coal Measures	25.20	209.18	234.37
COAL	0.23	234.37	234.60
Coal Measures	20.19	234.60	254.79
QUEEN COAL	0.51	254.79	255.30
Coal Measures	0.30	255.30	255.61

The coal seams encountered in the colliery shaft lie deeper in the geological succession than those identified in the on-site water well boreholes.

Water Well Borehole (BGS Reference: SD70NE29, bored 1911)

A water well borehole was sunk within the Paper Mill on the west of the site. The following geology is identified within the record:

Stratigraphy	Approximate Thickness (m)	Approximate Top Depth (m bgl)
Well (No Details)	38.4	Ground Level
Grey Sandstone	3.66	38.4
Grey Sandstone with Marl	10.06	42.06
Dark Shale & Marl	4.88	52.12
Grey Shale	2.44	57.00
Red Marl	3.65	59.44
Light Grey Shale	6.4	63.09
Dark Grey Rock	2.44	69.49
Grey Bind	12.5	71.93
COAL	0.30	84.43
Rock below no further Coal	38.4	84.73

Water Well Borehole (BGS Reference: SD70NE28, bored 1954)

Another water well borehole is located on the eastern boundary. The following geology is identified within the record:

Stratigraphy	Approximate Thickness (m)	Approximate Top Depth (m bgl)
Made Ground	1.14	Ground Level
Superficial Deposits (Sand & Gravel)	9.22	1.14
Superficial Deposits (Clay)	1.83	10.36
Superficial Deposits (Sand & Gravel)	4.27	12.19
Purple Shale	0.61	16.46
Goaf (Possibly Top Three Yard Mine or Top Yard Mine)	0.91	17.07
Purple Shale	3.36	17.98
Purple sandy Mudstone	1.22	21.34
Fire Clay	2.74	22.56
Purple Shale	4.27	25.3
Grey Shale	7.92	29.57
Red to Purple Shaley Mudstone	3.66	37.49
Grey Micaceous Shale	2.74	41.15
Red to Purple Shale	3.96	43.89
Grey Shaley Mudstone	2.14	47.85
Grey to black Shale with Mussels	1.06	49.99
COAL (Probably RAMS Mine)	1.07	51.05
Grey soft Fire Clay	4.57	52.12
Rock below no further Coal	31.7	83.82

Encia Investigation 2003

A series of rotary boreholes (RBH2 – RBH8) were drilled at the site in 2003. The ground conditions are summarised below.

Borehole	Made Ground (m bgl)	Superficial Deposits (m bgl)	Bedrock (m bgl)	Coal Risk Commentary
RBH2	0.0 – 3.8	3.8 – 11.4	11.4 – 40.0	60% loss of drilling flush between 13.7 – 15.1m
RBH3	0.0 – 3.0	3.0 – 14.0	14.0 – 20.0	Broken ground and 100% loss of drilling flush at 14.2 – 14.8m bgl. BH terminated due to inability to case borehole through broken ground at 20.0m.
RBH4	0.0 – 7.3	7.3 – 11.0	11.0 – 36.0	No returns at 30.0m and loss of drilling flush between 30 and 36m bgl.
RBH5	0.0 – 2.5	2.5 – 12.0	12.0 – 30.0	Broken ground and 100% loss of flush between 25.5 and 28.0m bgl. Groundwater entry at 25.5m bgl.
RBH6	0.0 – 10.5	10.5 – 14.4	14.4 – 35.0	-
RBH7	0.0 – 8.5	8.5 – 17.0	17.0 – 30.0	Broken ground between 17.0 and 19.0m. Fast groundwater entry at 19.0m bgl.
RBH8	0.0 – 9.10	9.10 – 19.7	19.7 – 40.0	Broken ground and no flush returns (100% loss) between 31.0 to 34m bgl. Traces of coal between 34.0 and 34.8m bgl.

Discussion

The site is underlain by Made Ground of varying thickness with superficial deposits comprising varying portions of sand, clay and gravel. The soils are underlain by Pennine Lower Coal Measures strata.

Based on the observations identified on the Encia rotary borehole logs (broken ground and loss of drilling flush) there is evidence to suggest that coal has been worked beneath the site.

The coal seams encountered in the Withins Colliery shaft lie deeper than those encountered in the on-site water well boreholes and are not considered a risk to the proposed future site development.

The Top Three Yard Mine has been possibly identified beneath the site sub-cropping at the top of bedrock to 19m below the top of bedrock in the south east corner. The Top Yard Mine may be present on site above the Top Three Yard Mine and if present would be to the south of the identified sub-crop. The Rams Mine is found beneath the Top Three Yard Seam. The fault indicated on the geological map may lie further south based on the geology encountered within the exploratory holes. If this is the case, then the potential exists for the Top Five Quarters Mine to sub crop beneath the south east corner of the site.

Summary of Risk Assessment

The site is within an area that has been undermined and partially lies within a Development High Risk Area. There are no known coal mine entries within, or within 20 metres or, the boundary of the property.

On the basis of the information reviewed, the current risk to the development site from the coal mining legacy is assessed as being **high**, with the possibility that:

- The site may be at risk from the collapse of historical shallow mine workings; and,
- Shallow workings may provide a pathway for mine gases.

Hazard Mitigation Strategy

In view of the above, the potential hazards presented by the coal mining legacy to the site of the intended development should be further investigated as part of a hazard mitigation strategy. The strategy should consist of the following elements:

1. Ground investigation by intrusive methods;
2. Refinement of the risks posed to the development;
3. If necessary, remediation works to reduce the post-development risks to an acceptable level.

These elements are discussed in more detail below.

Ground investigation

Ground investigations by intrusive methods are recommended to confirm previous findings and to supplement the information for the site. Ground gas monitoring should be undertaken as part of the investigation to establish whether there is a mine gas hazard to the proposed development.

It is recommended that the investigation should comprise the drilling of a number of exploratory holes by rotary methods. The objectives of the survey will be to:

1. Confirm the presence and extent of shallow mine workings (depending on depth);
2. Provide a further indication of their condition (e.g. whether open, collapsed or back stowed).
3. Depending on the results of the above, establish the extent of the area of the site that is at risk and needs remedial mine stabilisation works.

If necessary, standpipes will be installed in some of the boreholes to enable mine gas monitoring to be carried out.

Refinement of the risks

The outcome of the above will be used to refine the current assessment of risk. Should the risks remain unacceptably high, remedial works will need to be implemented to reduce the risk to an

acceptable level that will enable the site to be safely developed and used as intended.

Remediation

Remediation is likely to involve ground stabilisation by the injection of cementitious grout and/or bulk infilling of any workings that are shallow enough to pose a threat to land stability.

All future intrusive investigations and mine workings grouting that will disturb Coal Authority mining interests must only be implemented after permission has been obtained from the Coal Authority. The works must be conducted in accordance with the terms of the permission granted.

Conclusions

Based on the information consulted, it is considered that, currently, there is a **high** risk that the coal mining legacy presents a land stability hazard for the site. Further investigations should be undertaken to refine the current assessment of risk. Depending on the outcome of those investigations, measures may need to be implemented to safeguard the stability of the land and the proposed development. If such measures are needed, once they are implemented and validated, the land will be suitable for the intended development, in respect of coal mining legacy issues.

REPORT CONDITIONS

This report refers, within the limitations stated, to the condition of the site as established from the third party information consulted. WYG has relied on this information to compile the report and draw the stated conclusions, but will not be held liable for the accuracy of the information used.

No warranty is given as to the possibility of future changes in the condition of the site.

This report has been prepared for The Homes and Communities Agency and for the purpose stated in the report and should not be used in a different context without reference to WYG Environment Planning Transport Ltd.