



SOLUTIONS LIMITED

**PHASE I DESKTOP STUDY AND
PRELIMINARY RISK ASSESSMENT
REPORT**

AT

**SPEN VALLEY HIGH SCHOOL,
ROBERTTOWN LANE, ROBERTTOWN,
LIVERSEDGE**

FOR

SPEN VALLEY HIGH SCHOOL

Report Reference: 4503-23 PI

GeoEnviro Solutions Ltd
Unit 7, Springvale Works,
Brookfoot Lane,
Brighouse,
HD6 2RA

[www: geoenvirosolutions.com](http://www.geoenvirosolutions.com)

QUALITY ASSURANCE

	Name	Position	Date
Prepared by:	Jacob Fenton	Geoenvironmental Engineer	May 2024
Reviewed by:	Andrew Dickinson	Associate Director	May 2024
Approved by:	Andrew Dickinson	Associate Director	May 2024

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LIST OF ACRONYMS

Acronym	Meaning
BGS	British Geological Survey
BH	Borehole
CDM	Construction Design and Management
CL:AIRE	Contaminated Land: Applications In Real Environments
CLR	Contaminated Land Report
COSHH	Control Of Substances Hazardous to Health
CSM	Conceptual Site Model
DCP	Dynamic Cone Penetrometer
DEFRA	Department for Environment Foods and Rural Affairs
DoE	Department of Environment
DP	Dynamic Probe
DWS	Drinking Water Standard
EA	Environment Agency
EQS	Environmental Quality Standard
GAC	Generic Acceptance Criteria
HA	Hand Auger
HP	Hand Pit
LPA	Local Planning Authority
LQM	Land Quality Management
mbgl	Metres Below Ground Level
MP	Mackintosh Probe
NGR	National Grid Reference
NPPF	National Planning Policy Framework
Nvz	Nitrate Vulnerable Zone
OS	Ordnance Survey
SGV	Soil Guideline Value
SPOSH	Significant Possibility of Significant Harm
SPZ	Source Protection Zone
SSSI	Site of Special Scientific Interest
SSV	Soil Screening Value
TP	Trial Pit
TT	Trial Trench
WS	Windowless Sample / Window Sample
WSV	Water Screening Value

1. INTRODUCTION

1.1 BACKGROUND AND INSTRUCTION

GeoEnviro Solutions Limited (GES) were instructed by Spen Valley High School (the Client) to produce a Phase I: Desktop Study and Preliminary Risk Assessment Report for the site located at Spen Valley High School, Roberttown Lane, Roberttown, Liversedge, WF15 7LX.

A site location plan is presented as Drawing 4503-23/01 in **Appendix 1**.

This report is written in accordance with the guidance set out in Land Contamination Risk Management (LCRM), Guiding Principles for Land Contamination (GPLC) 1 – 3, and the National Planning Policy Framework (NPPF).

1.2 PROPOSED DEVELOPMENT

We understand current plans for the development of the site include:

- Additional office building, and
- Extension to the School House

An outline development drawing for the site as drawn by Paul Matthews Architecture, referenced 23/9245-5-6/07a, and dated August 2023, can be reviewed within **Appendix 1**.

This proposed development plan has been utilized in the preparation of this risk assessment, and due to the proposed end use has been assessed based upon both a 'Commercial' end-use and a 'Public Open Space near Residential' end-use. If an alternative development is subsequently proposed this assessment may need revising and should not be relied upon in its present outcome.

1.3 OBJECTIVES

The objectives of this Phase I report are to:

- To gain an understanding of any concerns of the regulatory authorities (Local Authority Planning, Building Control and Environmental Health departments and the Environment Agency) regarding local land filling, flooding, mining, quarrying and other concerns.
- Establish the environmental setting, including sensitivity in relation to human health, surface water, groundwater, and ecological receptors.
- Review historical and recent uses to assess the potential for contamination to be present from past and current land-use.
- Assess by qualitative means the potential nature and extent of contamination from those uses and the environmental risk and liabilities which may affect the site redevelopment.
- Identify the prevalent source-pathway-receptor linkages present on site by means of a Tier 1 contamination risk assessment which incorporates the formulation of a Conceptual Site Model.

1.4 INFORMATION SOURCES

During the production of this report the following primary information sources have been utilised:

- Envirocheck Report data obtained from Landmark Information Group Ltd.
- Historical Ordnance Survey mapping at scales ranging from 1:1,250 to 1:10,560, obtained from Landmark.
- BGS Open Geoscience online geological mapping tool.
- OS Open Data online mapping tool.
- Coal Authority Online interactive map.

1.5 PREVIOUS INVESTIGATIONS

GES have previously carried out a Coal Mining Risk Assessment report, referenced 4503-23 CMRA, dated November 2023, which should be read in conjunction with this report.

2. SITE LOCATION AND DESCRIPTION

2.1 SITE LOCATION

The site is located at Spen Valley High School, Roberttown Lane, Roberttown, Liversedge, at approximate National Grid Reference (NGR): 419954:423295 (centre of the site).

2.2 SITE DESCRIPTION

A site walkover was carried out on the 17th May 2024 and is summarise below.

The overall site comprises an irregular shaped piece of land with an approximate area of 8.4 Ha.

The topography of the site is generally flat, sloping gently upwards to the south, with a steep embankment on the western edge of the built upon area which leads to the sports fields.

The site is currently occupied by the existing school complex: comprising of the school buildings, playing fields, hardstanding and a wooded area.

An approximate distribution of the surface covering of the whole school site is given below in Table 2.1.

Table 2.1: Site Surface Covering

Type of Surface Cover	Distribution (%)
Soft Ground (grassed and landscaped areas)	74
Hardstanding	5
Roadways	1
Buildings	15
Water (ponds, streams)	0

The proposed development area is located in the western part of the larger school complex, complete with hardstanding surfaces found to be in good condition and soft standing landscaped areas covered by grass and trees. Information provided by staff confirms that there are no plans to remove trees currently on site as part of the proposed development, and no evidence of invasive plants was identified.

A wastewater tank for storm drainage is present between the two proposed new buildings, beneath the main school car park, complete with an associated pump which removes water to the southeast, away from the area of proposed development.

A brick fire pit was also identified within the associated garden of the school lodge in the southern part of the proposed development area, though this has recently been constructed as part of a school project and has not been used to burn wood or fuels.

No exposed asbestos containing materials (ACM) were identified as present in the area around the proposed developments and all snagging was found to be in good condition, preventing any likely exposure of ACM.

The site is bounded by Roberttown Lane to the south, a large industrial area to the north, residential properties to the east and open fields to the west.

Access to the site is via Roberttown Lane to the south.

A selection of photographs from the site walkover are presented in [Appendix 2](#).

Surrounding Area

The current surrounding land use to the site is generally residential and industrial properties in all directions, other than westward, which is open fields.

The topography of the surrounding area is slopes gently south-westwards, getting steeper with distance.

3. ENVIRONMENTAL AND GEOLOGICAL SETTING

Information on the environmental and geological setting of the site is presented in an Envirocheck Report prepared for the site; a copy of this report is presented in [Appendix 3](#).

3.1 SITE GEOLOGY

The site geology has been assessed by reference to information from British Geological Survey (BGS) mapping summarised in the Envirocheck data. Information from these sources referenced in this report has been predominantly limited to that identified within 50 m of the site (underlying geology) or 250 m of the site (structural features, borehole records), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Artificial / Made Ground

Artificial deposits are recorded as underlying the site, which are described as Made Ground (Undivided).

Superficial Ground and Drift Deposits

There are no records of superficial ground deposits underlying the study site.

Bedrock Geology

Underlying the superficial deposits is bedrock comprises of the Pennine Lower Coal Measures Formation (PLCM), which is generally described as *'Interbedded grey mudstone, siltstone and pale grey sandstone, commonly with mudstones containing marine fossils in the lower part, and more numerous and thicker coal seams in the upper part.'* (BGS Lexicon Description).

Landslips

There are no records within 250 m.

Linear Features

There are two records of linear features directly under the site, both running southwest to northeast. The first is an inferred coal seam, within an inferred fault. No throw direction or sense of movement is provided.

Natural Ground Subsidence

The following hazard ratings applicable to the site and land within 50 m are presented in the Enviro + Geo Insight Report:

- | | |
|--|-------------|
| • Collapsible deposits: | Very low. |
| • Compressible deposits: | Very Low. |
| • Ground dissolution of soluble rocks: | Negligible. |
| • Landslides: | Very low. |
| • Running sands: | Negligible. |
| • Shrink / swell clays: | Very low. |

3.2 BOREHOLE RECORDS

Mapping information derived from the BGS Geindex indicates that there is one borehole record onsite. This was dated September 1988 and was drilled to a depth of 20.00 mbgl. This recorded coal at two depths, 3.1 to 3.9 mbgl and from 10.75 to 10.85 mbgl with a layer of shale immediately above the deeper strike with a thickness of 0.75 m.

The balance of the borehole comprised predominantly of mudstone and sandstone. No superficial deposits were encountered.

There are no additional boreholes reported within 100 m of the site.

3.3 HYDROGEOLOGY

These records are derived by Landmark from Environment Agency (EA) and BGS data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to those identified within 250 m of the site (or 1000 m of the site for abstractions), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

The EA aquifer designations used within the following sections are summarised in Table 3.1, below.

Table 3.1: Aquifer Designations

Definition	Description
Principal Aquifer	Layers with high intergranular and/or secondary permeability capable of supporting water supplies at strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as Major Aquifers.
Secondary (A) Aquifer	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as Minor Aquifers.
Secondary (B) Aquifer	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water bearing parts of former non-Aquifers.
Secondary Aquifer – Undifferentiated	Layers that cannot be attributed to a category A or B rock type. These layers could have previously been described as a minor or a non-aquifer due to their variable characteristics.
Unproductive strata	Rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow.

Aquifer within Superficial Deposits

As a consequence of the lack of superficial geology underlying the site, there are no recorded superficial aquifers underlying the site.

Aquifer within Bedrock Geology

As a result of the bedrock geology underlying the site, one aquifer has been identified, designated as Secondary (A).

Groundwater Vulnerability

The site is recorded to be located within an area where the EA considers the groundwater to have a Medium Vulnerability to mobile pollutants, as summarised in Table 3.2 below.

Table 3.2: Groundwater Vulnerability Definitions

Definition	Description
High Vulnerability	Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.

Definition	Description
Medium Vulnerability	Intermediate between high and low vulnerability.
Low Vulnerability	Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Groundwater Abstraction Licences

There are no licensed ground water abstractions within 250 m of the site.

Potable Water Abstraction Licences

There are no potable abstractions within 250 m of the site.

Source Protection Zones

There are no Source Protection Zones (SPZ) within 250 m of the site.

3.4 HYDROLOGY

These records are derived by Landmark from EA and BGS data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site (aquifers, surface water) or 1000 m of the site (abstractions), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Ordnance Survey Water Network

There are 11 records within 250 m, all listed as an unnamed Inland River, the closest point being located 121 m to the southwest of the site, and the furthest located 199 m to the southwest of the site.

Surface Water Features

The closest surface water feature is the unnamed Inland River located 121 m southwest of the site.

River Quality

There are no river quality record stations located within 250 m of the site.

Surface Water Abstraction Licences

There are no licensed surface water abstractions within 250 m of site.

Discharge Consents

There are no licensed surface water discharge consents within 250 m of site.

Groundwater Flooding

The site lies within an area where there is limited potential for groundwater flooding to occur.

Flooding from Rivers or Sea without Defences

The site does not lie within an area susceptible to flooding from rivers or sea without defences.

The site does not lie within an area benefiting from flood defences including flood water storage areas.

3.5 ENVIRONMENTALLY SENSITIVE AREAS

These records are derived by Landmark from EA, Natural England, Historic England, English Heritage, Forestry Commission and UK Government data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 500 m of the site (environmental designations) or 250 m of the site (habitat, visual and cultural designations), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Sensitive Land Uses

There are three records of sensitive land uses on site. An area of adopted green belt, adopted in March 1999 is located 1 m to the west under Kirklees Unitary Development Plan, with the same site also being unadopted under the Kirklees Local Plan following submission in April 2017. The site also lies within a nitrate vulnerable zone, listed as the Spen Beck from Source to River Calder NVZ.

4. PAST LAND USE AND POTENTIAL CONTAMINANT SOURCES

Information on past land use and potential contaminant sources is presented in an Envirocheck Report prepared for the site; a copy of this report is reproduced in [Appendix 3](#).

4.1 LAND USE RECORDS

These records are derived by Landmark from historical mapping and each record corresponds to a particular map revision date. Thus, several records may refer to the same feature where it is present over time. Differences in distances quoted from the study site may be due to expansion of the feature over time or geolocation errors.

Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Contemporary Trade Directory

There are six recorded historical industrial land uses on site. These potentially contaminative land uses comprise road haulage services, plastics injection moulding and manufacture, and a car component manufacturer. At the time of writing the car component manufacturer is the only industrial land use which remains active.

A further 12 potentially contaminative land uses were recorded within 500 m of the site. These comprise similar uses to those within 250 m of the site and in addition include uses such as food manufacturers, and wholesalers, freight forwarders, car scrap services, commercial cleaning services and safe and vault manufacturers.

There are likely to be duplicates of the same entry within these records.

Fuel Stations

There are no records of historical petrol stations within 500 m of the site.

Commercial Services

There are two records of commercial services within 250 m of the site, both are recorded as transport, storage and delivery services, both located approximately 75 m to the south of the site.

Education and Health

There are no records of education and health land uses within 250 m of the site, outside of the site itself, which is a secondary school.

Manufacturing and Production

There are three records of manufacturing services land uses within 250 m of the site, the nearest is a wind turbine approximately 16 m to the southwest and the furthest is an unspecified works shown 199 m to the north of the site.

Public Infrastructure

There are no records of public infrastructure land uses within 250 m of the site.

Recreational and Environmental

There are no records of recreational and environmental land uses within 250 m of the site.

Underground Electricity Cables

There are no records of high voltage (HV) underground electricity cables within 250 m of the site.

Gas and / or Oil Pipelines

There are no records of medium- or high-pressure underground gas or oil supply pipelines within 250 m of the site.

4.2 ENVIRONMENTAL PERMITS, INCIDENTS AND REGISTERS

These records are derived by Landmark from Local Authority, Health and Safety Executive and EA data. Details of the source and coverage of specific records are provided in the Envirocheck Report. Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Sites Determined as Contaminated Land

There are no records of sites determined as contaminated land under Part 2A of the Environmental Protection Act 1990 within 250 m of the site.

Control of Major Accident Hazards (COMAH)

There are no records within 250 m of the site.

Regulated Explosive Sites

There are no records within 250 m of the site.

Notification of Installations Handling Hazardous Substances (NIHHS)

There are no records within 250 m of the site.

Planning Hazardous Substances Consents

There are no records within 250 m of the site.

Planning Hazardous Substances Enforcements

There are no records within 250 m of the site.

Prosecutions Relating to Controlled Waters

There are no records within 250 m of the site.

Enforcement and Prohibition Notices

There are no records within 250 m of the site.

Integrated Pollution Controls

There are no records within 250 m of the site.

Integrated Pollution Prevention and Control

There are no records within 250 m of the site.

Local Authority Pollution Preventions

There is a single record within 250 m of the site, located approximately 203 m north of the site for Local Authority Air Pollution Control related to the coating of metal and plastic.

Pollution Incidents to Controlled Water

There are no records within 250 m of the site.

Prosecutions Relating to Authorised Processes

There are no records within 250 m of the site.

Substantiated Pollution Incident Register

There are no records within 250 m of the site.

Water Industry Act Referrals

There are no records within 250 m of the site.

4.3 WASTE AND LANDFILL

These records are derived by Landmark from EA, BGS, Ordnance Survey (interpreted by Landmark) and Local Authority data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 500 m of the site (landfills) or 250 m of the site (non-landfill waste operations), in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

BGS Recorded Landfill Sites

There are no records within 250 m of the site.

Historical Landfill Sites

There are no records within 250 m of the site.

IPC Registered Landfill Sites

There are no records within 250 m of the site.

Licensed Waste Management Facilities

There are no records within 250 m of the site.

Local Authority Landfill Records

The site lies within an area covered by Kirklees Metropolitan Borough Council. The operator has been unable to provide landfill data to the data provider.

Potentially Infilled Land

There are 10 records within 250 m of the site. The closest of which is Unknown Filled Ground (such as a Pit or Quarry) located approximately 15m north of the site and mapped in 1988. The furthest is located 232 m southwest of the site.

Registered Landfill Sites

There are no records within 250 m of the site.

Registered Waste Transfer Sites

There are no records within 250 m of the site.

Registered Waste Treatment or Disposal Sites

There are no records within 250 m of the site.

4.4 MINING, GROUND WORKINGS AND NATURAL CAVITIES

These records are derived by from BGS, Ordnance Survey (interpreted by Landmark), Coal Authority, Peter Brett Associates, Johnson Poole and Bloomer, Cheshire Brine Subsidence Compensation Board, British Gypsum, Mining Searches UK, Kaolin and Ball Clay Association and local authority data. Details of the source and coverage of specific records are provided in the Envirocheck Report.

Information from these sources referenced in this report have been predominantly limited to that identified within 250 m of the site, in order to focus on the information directly relevant to the site. Information from outside these radii will be referenced when deemed relevant.

Cavities – Natural or Man-Made

There are no records within 250 m of the site.

BGS Recorded Mineral Sites

There are no records within 250 m for brine extraction, gypsum, tin or clay mining.

Coal Mining

The site has been identified as lying within a coal mining area and as such a CMRA report has been completed. Please refer to this report for better understanding of the impacts of mining in the area.

Non-Coal Mining

There are two records for non-coal mining within 250 m of the site, located 42 m northwest and 139 m north of the site. Both records state that it is highly unlikely that non-coal mining works in the area provide a risk to the site.

4.5 RADON

These records are derived from the UK Health Security Agency. Information from these sources referenced in this report have been predominantly limited to that identified within a 1 km grid containing the site.

The study site is not located within a Radon Affected Area, as less than 1% of properties are above the Radon Action Level. No radon protection measures are required.

4.6 BACKGROUND SOIL CHEMISTRY

Values estimated by BGS for background concentrations of six potentially harmful elements are provided as follows:

- Arsenic: 35-45 mg/kg.
- Cadmium: <1.8 mg/kg.
- Chromium: 60-90 mg/kg
- Lead: 100-200 mg/kg.
- Nickel: 15-30 mg/kg.

These values are not considered to be elevated with respect to guideline values for either commercial end-uses or for public open spaces near residential.

5. HISTORICAL MAPPING STUDY

5.1 HISTORICAL MAPPING

The object of this search was to report on the evidence of site history and redevelopment of the site and its environs from available County Series and Ordnance Survey Maps at scales ranging from 1:1,250 to 1:10,560 dating from 1854 to the present day, and Getmapping PLC aerial photography dating from 1999 to the recent past, as provided by Landmark and Google Earth.

Information in the historical mapping study has been predominantly limited to that identified on the site or within 100m of the site, in order to focus on the information directly relevant to the site. Information from outside this radius will be referenced when deemed relevant.

Each map or photographs only represents a “snapshot” of the site and its environs at the date of the survey. Changes that had occurred at other times may not have been recorded on the maps and could represent an unidentified hazard to the site.

The information reported might not represent all pertinent information that could be obtained. The interpretation of the maps and/or other data commented on in this report is subjective.

The Historical Ordnance Survey Maps were obtained from Landmark and are available for review within [Appendix 4](#) and are summarised in Table 5.1 below.

Table 5.1: Historical Mapping Review

Date	Scale	On-Site	Offsite
1854-1855	1:10,000	Undeveloped land as part of a larger, presumed, agricultural field.	Three coal pits are marked within 250m, the closest is to the immediate northeast of the site, with a second approximately 100 m the same direction. The third pit is located approx. 200 m northwest of the site.
1893-1894	1:2,500	The site and larger field have become an orchard within the grounds of Woodfield House.	The coal pits are no longer labelled. Woodfield House and Careton Villa have been constructed in the larger property the site lies within with residential development having been constructed approx. 200 m to the southwest,
1907	1:2,500	No significant change to the site.	Further residential development has occurred to the southeast of the site.
1922	1:2,500	No significant change to the site.	No significant change to the site.
1931	1:10,560	No significant change to the site.	An old coal pit is listed approximately 250 m to the west.
1948	1:10,560	No significant change to the site.	The old coal pit is no longer labelled.
1958	1:2,500	No significant change to the site.	Woodfield House and Careton Villa appear to have been redeveloped into a single building of an irregular shape, presumed to be the school. An unlabelled pit is present 250 m to the west of site, presumed to be the old coal pit listed on previous maps.
1966-1967	1:10,000	No significant change to the site.	Increased residential development has occurred to the southeast and southwest.
1992-1993	1:1,250	The site area now intersects Tennis Courts and a building listed as the School Lodge.	Several smaller buildings have been developed on the wider grounds, and the site is now officially listed as Liversedge Secondary School.

Date	Scale	On-Site	Offsite
2000	1:10,000	No significant change to the site.	No significant change to the site.
2006	1:10,000	No significant change to the site.	No significant change to the site.
2024	1:10,000	No significant change to the site.	A wind turbine has been constructed to the immediate west of the site area.

5.2 AERIAL PHOTOGRAPHY

1999 Aerial Photo

The 1999 aerial photo shows, the site occupied by the existing school properties. The surrounding area is fields to the north and west and residential and commercial buildings to the south and east. Industrial buildings are also present to the north beyond the fields bordering the site.

Recent Aerial Photograph:

Recent aerial photography from Google Maps shows the site and surrounding area are largely unchanged with only minor changes to the overall site layout.

The historical aerial photographs are included in the mapping dataset and are available for review within [Appendix 4](#).

5.3 SUMMARY

Review of available historical ordinance surveys maps indicated that the site was undeveloped land prior to 1854, with construction of Woodfield House occurring prior to 1893 and the site area then remaining largely unchanged to at least 1967 despite redevelopment of the larger property into the school prior to 1958. The site being redeveloped into tennis courts and the buildings between 1967 and 1992.

6. FRAMEWORK FOR ASSESSMENT OF CONTAMINATION

Environmental risks are assessed within the risk management framework established in Part IIA of the Environmental Protection Act (EPA) 1990 introduced by Section 57 of the Environment Act 1995 which provides a statutory definition of contaminated land. To fall within this definition it is necessary that, as a result of the condition of the land, substances may be present on or under the land such that:

(a) *Significant harm is being caused or there is a significant possibility of such harm being caused.*

or

(b) *Pollution of controlled water is being, or is likely to be, caused.*

Risk from contamination is assessed by consideration of possible linkages between contaminant sources and potential receptors which could be harmed or polluted.

The key aspect of the framework is the development of a Conceptual Site Model (CSM) which illustrates the spatial interaction between the potential sources and receptors on site.

The information presented in this report was collated and evaluated to develop an initial CSM to assess ground contamination issues at the site.

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, i.e., something which could be adversely affected by the contaminant.
- 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.

Potential sources, pathways and receptors are identified in the sections below and the risks associated with possible pollutant linkages outlined.

6.1 SOURCES

On-Site Sources

No on-site sources have been identified from the historical study and the Envirocheck data.

Offsite Sources

The following off site sources have been identified from the historical study and the Envirocheck data:

- Made ground used as part of historical landfilling activities.

Information provided by Landmark indicates that there are 10 areas within 250 m of the site where the potential for infilling is possible. These include former ponds, open cast ground workings or other features that may have been infilled within unknown materials.

The historical mapping indicates that there are three areas within 250 m of the site where the potential for infilling is possible. These include former coal pits or other features that may have been infilled within unknown materials.

The following contaminants are potentially associated with the off-site sources.

- Hazardous Ground Gases.

6.2 PATHWAYS

For contaminants to reach potential receptors, there must be a viable **pathway** for the contaminant. Potential pathways that may affect the migration of contaminants are listed in Table 6.1, below.

Table 6.1: Pathways

Pathway	Medium	Properties
Direct Contact	Dust, solid and liquid phase	There may be direct contact with potentially impacted soil and Made Ground across the site. There is a possibility of dust fumes being produced during earthworks in the construction phase. Dermal contact and ingestion of potentially contaminated soils during construction or operational phase of the site.
Leaching through Made Ground	Unsaturated flow	Potential for leaching and migration of potential contaminants along preferential flow paths in the ground.
Foundations and Underground Infrastructure and Obstructions	Preferential flow	Contaminants will flow the path of least resistance which can be gaps around foundations, services, and floor construction
Migration of Ground Gas and Radon	Gaseous flow	Infilled land material is likely to be variable in composition. Migration through granular material within superficial deposits is possible.

6.3 RECEPTORS

The site-specific **receptors** that could be potentially affected by the contamination hazards identified during this preliminary appraisal are summarised in Table 6.2, below:

Table 6.2: Receptors

Category	Receptor	Properties
Humans	End users (such as residents and visitors)	Potential contact with contaminated soils is likely limited given the commercial end use planned. Potential contact with ground gas within enclosed buildings
	Construction workers	Reworking of contaminant impacted materials in underlying soil during construction works can expose workers to contamination.
Property	Materials and site structures	Foundations and site services may be damaged by potentially aggressive compounds present in soils.
Controlled Waters	Underlying superficial / bedrock Aquifer and surface water	The site is recorded as having a Secondary (A) Aquifer within the bedrock underlying the site.
Plant (species and uptake) and Wildlife	Various	Attributes will be influenced by factors such as relative quality, scale, rarity and substitutability.

7. QUALITATIVE RISK ASSESSMENT

Potential pollutant linkages are identified using the source-pathway-receptor framework detailed above. An assessment of the potential significance of each linkage is then made by consideration of the likely magnitude and mobility of the source, the sensitivity of the receptor and nature of the migration/exposure pathways.

This qualitative risk assessment has been undertaken in accordance with Annex 4 of the National House Building Council/Environment Agency/Chartered Institute of Environmental Health R&D publication 66, Guidance for the Safe Development of Housing on Land Affected by Contamination (NHBC/EA/CIEH, 2008) which updates and supersedes CIRIA C552: Contaminated Land Risk Assessment, A Guide to Good Practice (Rudland et al., 2001).

A summary of the risk assessment protocols, and subsequent risk assessment matrix is provided in [Appendix 5](#).

An assessment of the likelihood of the risk being realised and the magnitude of potential risk is presented below to give an estimation of the significance of each potential pollutant linkage identified. Where it is considered that there is no credible linkage, this is indicated in the table. In accordance with the R&D66 guidance, if there is no pollution linkage then there is no need to apply tests for probability and consequence.

The assessment is undertaken based on the current proposals for the site, at the time of issuing this report, which could be classed as a generic end land use of either 'Commercial' or 'Public Open Space near Residential'. Any change in the development proposals for the site involving a change in end use class may result in a requirement for this assessment to be revised.

7.1 DISCUSSION

Whilst there is no identified history of potentially contaminative industrial land uses on site or in the nearby area, several locations of potentially infilled land have been identified which are of an age where putrescible materials were likely to be present in landfill material and would also not yet be sufficiently decomposed to remove the risk of ground gas generation.

The site walkover also revealed no potential sources of pollutants on site which may not be a matter of record, a fire pit on site was reported to have been built as a student project and had not been used and could not therefore produce any contaminants associated with burning of fuels, and similarly a reported tank on site which was not identified amongst records was reported as for stormwater collection and removal.

The age of buildings within the larger site also suggests a significant likelihood that asbestos was used during construction of the school. However, as the proposed development relates to completely new buildings, with no current plans for major alteration to existing buildings it is unlikely that any ACM will be disturbed as part of the construction process. The affected areas have also been subject to very little construction following the initial development of the site and as a result the potential for asbestos within the ground on the site is likely very limited.

As the site is a school, it is also presumed that an appropriate asbestos management plan will be in place regarding any ACM on site and this should be referred to if any further concerns are identified.

8. PRELIMINARY CONCEPTUAL SITE MODEL

Contaminant Source	Pathways	Receptor	Pollutant Linkage	Classification of Probability	Classification of Consequence	Level of Risk	Justification
On Site: Made Ground soils on site possibly containing elevated levels of contaminants.	Ingestion, dermal contact, inhalation of dusts/vapours	Future end users and site visitors	Considered inactive	-	-	Very Low ●	A very low risk rating has been assessed due to the lack of historical on-site industrial land use.
		Construction Workers	Considered inactive	-	-	Very Low ●	Construction workers are likely to come into direct contact with soils during groundworks. A very low risk rating has been assessed due to the lack of historical on-site industrial land use.
	Leaching through soils and migration via groundwater or soil pore moisture	Controlled Waters	Considered inactive	-	-	Very Low ●	A very low risk rating has been assessed due to the lack of presence of potentially contaminative sources on site.
	Permeation of water pipes	Construction materials, future end users and site visitors	Considered inactive	-	-	Very Low ●	No pollutant linkage has been identified relating to hydrocarbon contamination at the site. As a result a very low risk rating has been assessed.
	Uptake	Plant and Wildlife	Considered inactive	-	-	Very Low ●	A very low risk rating has been assessed due to the lack of historical contaminative land uses on site.
On Site: Asbestos at/near ground	Inhalation of fibres in airborne dust	Future end users and site visitors	Considered potentially active	Unlikely	Medium	Low ●	Due to the age of the buildings asbestos was likely used in construction, however as structures currently on site are not planned to be redeveloped it has been assessed as a low risk of exposure to asbestos materials following construction of new buildings.

Contaminant Source	Pathways	Receptor	Pollutant Linkage	Classification of Probability	Classification of Consequence	Level of Risk	Justification
surface in Made Ground soils.		Construction Workers	Considered potentially active	Low Likelihood	Medium	Moderate/Low ●	The age of the current buildings would suggest that asbestos containing materials are present however as plans involve addition of new buildings with no significant demolition or change to existing structures the risk has been assessed to be moderate/low.
On Site: Ground Gases (CH ₄ , CO ₂ , CO, H ₂ S) from on-site Made Ground.	Gas migration and build up within buildings (explosion/asphyxiation risk)	Future end users and building structures.	Considered potentially active	Low Likelihood	Minor	Moderate/Low ●	A moderate/low risk rating has been assessed given the low made ground potential on site but presence of landfills within local proximity to the site. Current guidance from CL:AIRE RB 17 indicates that Made Ground is generally classified as low risk in terms of potential for gas generation. However, the presence of nearby infilled land may give potential for ground gases.
Off Site: Historical land uses and activities, Made Ground/infilled material possibly containing elevated levels of potential contaminants.	Leaching through soils and migration via groundwater or soil pore moisture	Future end users and site visitors	Considered inactive	-	-	Very Low ●	No pollutant linkage has been identified relating to hydrocarbon contamination in the area around the site. As a result, a very low risk rating has been assessed.
	Ingestion, dermal contact, inhalation of dusts/vapours	Future end users and site visitors	Considered inactive	-	-	Very Low ●	A very low risk rating has been assessed due to the lack of historical industrial land use within 250 m of the site.
Off Site: Ground Gases (CH ₄ , CO ₂ , CO, H ₂ S) from off-site historical landfilling activities.	Gas migration and build up within buildings (explosion/asphyxiation risk)	Future end users and building structures.	Considered potentially active	Low Likelihood	Minor	Moderate/Low ●	The presence of potential generating sources offsite and potential mines gas would consider the risk from ground gas is moderate/low based on the age of the infilled area, the distances from the site and the local geology.

9. RECOMMENDATIONS

9.1 DISCUSSION

Assessment of the site specific risks has resulted in identification of a ground / mines gas generation potential. Whilst there has been no historical industrial activity within influencing distance of the site, ground gas generation is possible from infilled land nearby and the potential for this cannot be discounted via any factors relating to the proposed development and must be monitored to ensure that, if present in significant concentrations, appropriate measures are taken to mitigate these risks.

9.2 PROPOSED SITE INVESTIGATION

Based on the information obtained for the formation of this report it is recommended that a suitable geotechnical site investigation is carried out at the site to establish the geotechnical characteristics of site and provide details of their engineering properties in order to facilitate foundation design for the proposed development.

The intrusive investigation may reveal on-site sources of contamination that were not established by the Phase I Desk Study, thus requiring modification of the CSM.

The proposed scope of investigation is outlined below.

Scope of Proposed Investigation

A service search should be completed prior to any subsequent investigation to determine the service locations by lifting any manhole/drain covers; therefore, locations may be subject to change depending upon these results.

The site investigation should incorporate initially the drilling of boreholes in order to gain a suitable spread of the site and enable adequate analysis of the soil conditions.

All positions should be logged, and samples removed in accordance with current protocol. In addition, groundwater conditions, if encountered, shall be logged and visual/olfactory observations noted.

We would recommend that the test locations be based on the findings contained with this report, to enable a combination of targeted testing along with a broad coverage of the site.

In addition to the geotechnical site investigation, due to the non-residential nature of the development it is recommended that a surface emissions gas monitoring survey is undertaken to determine the potential impacts of future gas ingress into the new school buildings. This may be supported by the addition of a gas barrier and associated gas protection measures to provide a gas protection rating of CS2 if hazardous ground gases are encountered in the surface emission monitoring survey.

It should be noted that any site investigation recommended here has not taken into consideration any proposed work in respect to the outcome of the CMRA. Separate reference to the CMRA should be made to identify this work.

9.3 CONSULTEES

It is highly recommended that this report be forwarded to the relevant Local Authority Environmental Health and Planning Departments to seek their comments and subsequent approval, otherwise further works may be required.

9.4 FLOOD RISK ASSESSMENT

This report does not replace a full hydrogeological survey and specialist studies may need to be undertaken to ascertain the risks posed from flooding. Further details on site flood information can be found within the appendices.

9.5 COAL MINING RISK ASSESSMENT

Please refer to the CMRA previously carried out by GES for recommendations relating to mining legacy at the site.

9.6 INVASIVE PLANT SURVEY

The site reconnaissance visit undertaken herein, whilst reference to the possible presence of invasive plants such as Japanese Knotweed has not been made, this report should not be considered an Invasive Plant Survey and any concerns relating to the possible presence of such plants should be undertaken by an appropriately qualified surveyor.

9.7 ASBESTOS SURVEY

The site reconnaissance visit undertaken herein, whilst reference to the possible presence of Asbestos or Asbestos Containing Material (ACM) has not been made, this report should not be considered an Asbestos Survey and any concerns relating to the possible presence of ACM should be undertaken by an appropriately qualified surveyor.

10. RELIANCE AND LIMITATIONS

This report has been prepared by GES with all reasonable skill, care and diligence. The work undertaken to provide the basis of this report comprised a study of available documented information from a variety of sources, together with a site walkover inspection of the site, if undertaken.

The opinions given in this report have been dictated by the finite data on which are they based and are relevant only to the purpose for which the report was commissioned.

Information reviewed should not be considered exhaustive and accepted in good faith as providing true and representative data with respect to site conditions. Should additional information become available which may influence the opinion expressed in this report, GES reserves the right to review such information and, if warranted, to alter the opinions accordingly.

It should be noted that any risks identified in this report are perceived risks based on the information reviewed; actual risks can only be assessed following a physical investigation of the site. This is an environmental Phase 1 report and does not consider the geotechnical implications for the site, its redevelopment and proposed future use. Further advice should be sought on geotechnical investigation requirements for the proposed development.

APPENDIX 1
DRAWINGS AND PLANS



General
Site
Location



GeoEnviro Solutions Ltd
Unit 7 Springvale Works
Brighouse
West Yorkshire
HD6 2RA
Tel: 01484 986010
Email: info@geoenvirosolutions.com
Web: www.geoenvirosolutions.com



PROJECT NAME	Roberttown Lane, Liversedge	DRAWING NO.	4503-23/01	SCALE	N.T.S
PROJECT NUMBER	4503-23				
TITLE	Site Location Plan	DATE	November 2023	DRAWN BY	ADD

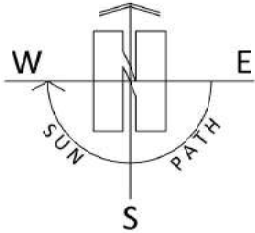
Malkin Farm
 Brow Lane
 Holmfirth
 HD9 2RJ
 07946872499
paul@paulmatthewsarchitectural.co.uk
www.paulmatthewsarchitectural.co.uk

Company Registration Number: 09898149 – Company Registered in England and Wales

Do not scale from drawing, use figured dimensions only.

All dimensions must be checked and verified on site prior to commencement of works and architect to be notified of any discrepancies.

The copyright for these drawings remains the property of Paul MatthewsArchitectural Ltd. They must not be reproduced in any way without prior written consent from the originator (Paul MatthewsArchitecturalLtd).



Project
 Extension and Alterations to Existing School Lodge Building and Erection of Detached Ancillary Office Building

Location
 Spen Valley High School, Roberttown Lane, Liversedge, West Yorkshire, WF15 7LX.

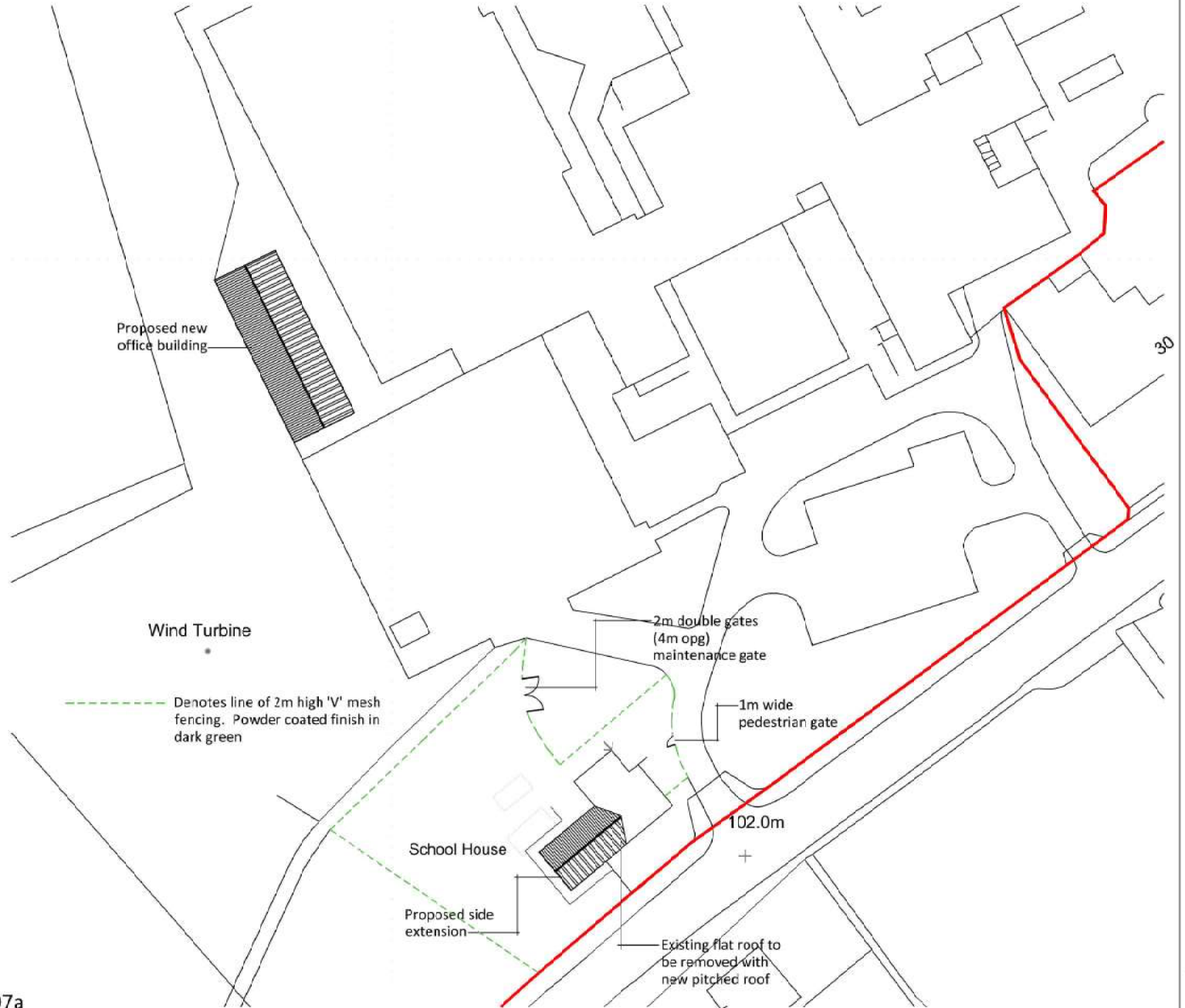
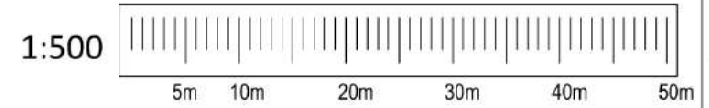
Client

Spen Valley High School

Drawing Title/Issue

Proposed Block Plan

scale	date	sheet size	dwg. no.
1:500	08/2023	A3	23/924-5-6/07a



APPENDIX 2
SITE PHOTOGRAPHS

Site: Roberttown Lane, Liversedge
Client: Spen Valley High School
Job Reference: 4503-23



A.



B.



C.



D.



A. Photograph showing the location of the proposed additional office building, facing north.

B. Photograph showing the general condition of the hardstanding in the area of the proposed new office building.

C. Photograph showing the slope and trees on the western edge of the development site, facing southwest.

D. Photograph showing the general condition of the neighbouring building to the proposed new office development, facing east,

Site: Roberttown Lane, Liversedge
Client: Spen Valley High School
Job Reference: 4503-23



E.



F.



E. Photograph showing the general area of the proposed extension to the School House, facing southeast.

F. Photographs showing the general condition of the soft standing around the proposed school house extension.

G.



H.



G. Photograph showing the reported area where the storm runoff tank was reported to be by site staff.

H. Photograph showing the fire pit identified on site.

APPENDIX 3
ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

347333193_1_1

Customer Reference:

4503-23

National Grid Reference:

419990, 423180

Slice:

A

Site Area (Ha):

0.29

Search Buffer (m):

1000

Site Details:

Spen Valley High School, Roberttown Lane

LIVERSEDGE

WF15 7LX

Client Details:

Mr J Fenton

GeoEnviro Solutions Ltd

Unit 7 Springvale Works

Brookfoot Lane

Brighouse

HD6 2RA

Prepared For:

Spen Valley High School

Roberttown Lane

Liversedge

West Yorkshire

WF15 7LX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	24
Hazardous Substances	-
Geological	30
Industrial Land Use	45
Sensitive Land Use	70
Data Currency	71
Data Suppliers	77
Useful Contacts	78

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				6
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 3				3
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		1		9
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters	pg 5			4	30
Prosecutions Relating to Authorised Processes	pg 11			1	
Registered Radioactive Substances					
River Quality	pg 11				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 11				5
Water Abstractions	pg 12				(*6)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 13	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 13	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 14		11	18	58

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 24			1	
Historical Landfill Sites	pg 24			2	
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 24			1	1
Local Authority Landfill Coverage	pg 24	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 25		9	13	14
Potentially Infilled Land (Water)	pg 27		1	4	30
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 29				1
Registered Waste Treatment or Disposal Sites	pg 29			1	1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 30	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 30	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 38		4	8	11
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 42	Yes	n/a	n/a	n/a
Mining Instability	pg 42	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 42		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 42	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 42		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 42	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 43		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 43	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 43	Yes	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 45		6	12	118
Fuel Station Entries	pg 57				2
Points of Interest - Commercial Services	pg 57		2	1	41
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 61		4	6	68
Points of Interest - Public Infrastructure	pg 67				11
Points of Interest - Recreational and Environmental	pg 68			1	4
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 70		1		
Areas of Unadopted Green Belt	pg 70		1		
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 70	1			
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: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	420000 423183
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (N)	0	1	419992 423183
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	57	1	419900 423250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	121	1	419850 423300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	165	1	419900 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	253	1	420000 423500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	303	1	420000 423550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	352	1	420150 423550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	411	1	420350 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	434	1	420400 423350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	449	1	420300 423550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	451	1	420250 423600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	456	1	420400 423400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	458	1	420450 423300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	472	1	420500 423183
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	479	1	420450 423350
1	Discharge Consents Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Liversedge Cemetery Stw, Hightown, Liversedge, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59 Permit Version: 4 Effective Date: 31st December 2005 Issued Date: 21st March 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A12NW (W)	990	2	419000 423500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Liversedge Cemetery Stw, Hightown, Liversedge, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59 Permit Version: 5 Effective Date: 30th November 1988 Issued Date: 30th November 1988 Revocation Date: 30th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	990	2	419000 423500
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Ltd Property Type: Undefined Or Other Location: Liversedge Cemetery Wpc Works Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59r Permit Version: 1 Effective Date: 15th February 1986 Issued Date: 15th February 1986 Revocation Date: 12th March 1986 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	990	2	419000 423500
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Liversedge Cemetery Stw, Hightown, Liversedge, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59 Permit Version: 3 Effective Date: 10th February 1986 Issued Date: 10th February 1986 Revocation Date: 29th November 1988 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	990	2	419000 423500
1	<p>Discharge Consents</p> <p>Operator: Yorkshire Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Liversedge Cemetery Stw, Hightown, Liversedge, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59 Permit Version: 2 Effective Date: 6th May 1980 Issued Date: 6th May 1980 Revocation Date: 9th February 1986 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Transferred from 1978 Order Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	990	2	419000 423500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Spenborough Corporation Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Liversedge Cemetery Stw, Hightown, Liversedge, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: E59 Permit Version: 1 Effective Date: 30th March 1966 Issued Date: 30th March 1966 Revocation Date: 5th May 1980 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Clough Beck Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	990	2	419000 423500
2	<p>Prosecutions Relating to Controlled Waters</p> <p>Location: Clough Beck, Victoria Dye Works, Hightown, Liversedge, West Yorkshire Prosecution Text: A Leak Caused By Inadequate Safety Precautions Allowed An Acidic Discharge To Enter A Nearby Watercourse Prosecution Act: Wra91 S85(1) Hearing Date: 16th April 2004 Verdict: Guilty Fine: 1000 Cost: 799 Positional Accuracy: Manually positioned to the address or location</p>	A13NW (NW)	272	2	419828 423483
3	<p>Integrated Pollution Controls</p> <p>Name: John Collier & Co Ltd Location: Valley Road, LIVERSEDGE, West Yorkshire, WF15 6LA Authority: Environment Agency, North East Region Permit Reference: AH1501 Dated: 24th November 1992 Process Type: Application since found to be exempt from IPC Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Application since found to be exempt from IPC Positional Accuracy: Unknown</p>	A19SW (NE)	697	2	420400 423795
4	<p>Integrated Pollution Controls</p> <p>Name: John Collier & Co Ltd Location: Valley Road, LIVERSEDGE, West Yorkshire, WF15 6LA Authority: Environment Agency, North East Region Permit Reference: AL5062 Dated: 10th January 1994 Process Type: Application since found to be exempt from IPC Description: 1.1 A (A) Gasification and associated processes within the Fuel & Power Industry Status: Application since found to be exempt from IPC Positional Accuracy: Manually positioned to the address or location</p>	A19SW (NE)	784	2	420473 423848
5	<p>Integrated Pollution Controls</p> <p>Name: John Collier & Co Ltd Location: Victoria Mills, Knowler Hill, LIVERSEDGE, West Yorkshire, WF15 6DP Authority: Environment Agency, North East Region Permit Reference: AH3237 Dated: 9th December 1992 Process Type: Application since found to be exempt from IPC Description: 4.2 A (D) Manufacture and use of Organic Chemicals within the Chemical Industry Status: Application since found to be exempt from IPC Positional Accuracy: Unknown</p>	A18NE (N)	968	2	420324 424149
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Birkbys Plastics Ltd Location: Headlands Road, LIVERSEDGE, LANCASHIRE, WF15 6QA Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	203	3	419930 423449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Dymond Trading Co Ltd Location: Dymond Works, Headlands Road, LIVERSIDGE, WF15 6PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/1 Animal by-product rendering Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A18SE (N)	535	3	420156 423750
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Dymond Trading Co Ltd Location: Dymond Works, Headlands Road, LIVERSEEDGE, West Yorkshire, WF15 6PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/12 Production of natural sausage casings, tripe, chitterlings and other boiled green offal products Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location</p>	A18SE (N)	535	3	420155 423750
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Springwell Motors Location: Unit 1 Headlands Industrial Estate, Headlands Road, LIVERSEEDGE, West Yorkshire, WF15 6PR Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc E 73 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1 Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A18SE (N)	581	3	420166 423795
8	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Rydal Garage Location: RYDAL GARAGE, 269 Huddersfield Road, LIVERSEEDGE, West Yorkshire, WF15 7PP Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	788	3	420051 422330
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tanktrainer Services Ltd Location: Bmk Mills, Wakefield Road, HECKMONDWIKE, West Yorkshire, WF16 Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SE (NE)	944	3	420793 423706
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Cv Refinishers Ltd Location: 114 B M K Industrial Estate, Heckmondwike, West Yorkshire, WF15 6BS Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 67 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	3	420832 423692
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Yorkshire Spin Galvanising Ltd Location: Unit 152 Bmk Industrial Estate, Heckmondwike, Wf15 6bs Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Ppc E 69 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG2/2 Hot dip galvanising processes Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	945	3	420844 423605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Local Authority Pollution Prevention and Controls Name: Co-Operative Group Location: 364 Bradford Road, Liversedge, West Yorkshire, WF15 6JE Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: PPC E 106 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A19NW (NE)	959	3	420661 423911
11	Local Authority Pollution Prevention and Controls Name: Millbridge Filling Station Location: 364 Bradford Road, Liversedge, West Yorkshire, WF15 6JE Authority: Kirklees Metropolitan Borough Council, Environmental Health Department Permit Reference: Not Supplied 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	A19NW (NE)	959	3	420661 423911
	Nearest Surface Water Feature	A13SW (SW)	121	-	419872 423112
12	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: SPEN Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Spen Incident Date: 4th February 1995 Incident Reference: SL950239 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	302	2	419800 423500
13	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Road Bridgea62/Liversedge Spen 05 Authority: Environment Agency, North East Region Pollutant: Not Given Note: Not Supplied Incident Date: 19th May 1989 Incident Reference: 9150 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	349	2	420001 423596
13	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: SPEN Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Spen Incident Date: 30th January 1995 Incident Reference: SL950225 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	354	2	420001 423601
14	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 16th August 1991 Incident Reference: 125364 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	389	2	419800 423600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Clough Lane Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 12th February 1989 Incident Reference: 8574 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	524	2	419500 423500
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Todmorden Calder Afl Authority: Environment Agency, North East Region Pollutant: Contaminated Groundwater Note: Not Supplied Incident Date: 19th May 1989 Incident Reference: 9156 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	622	2	420400 423695
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: 103-183 Halifax Road Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 17th April 1989 Incident Reference: 8896 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	625	2	420400 423700
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Lands Beck, LIVERSEDGE Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: Watercourse :Spen Beck/Dean Beck; From Upstream Spenborough To River Calder Incident Date: Not Supplied Incident Reference: SL980358 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SE (NW)	662	2	419400 423600
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 13th August 1991 Incident Reference: 125210 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	701	2	420400 423800
19	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Gomersal/Source Spen Afu Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 9th November 1990 Incident Reference: 116715 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	763	2	420500 423795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 19th July 1991 Incident Reference: 124533 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	767	2	420500 423800
20	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Road Bridgea62/Liversedge Spen 05 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 2nd December 1989 Incident Reference: 105830 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	774	2	420600 423695
20	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Union St/A62 Road Bridge Spen 04 Authority: Environment Agency, North East Region Pollutant: Chemicals - Other Organic Note: Not Supplied Incident Date: 21st August 1989 Incident Reference: 102647 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	777	2	420600 423700
20	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 4th November 1991 Incident Reference: 127797 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	778	2	420605 423695
20	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 1st June 1990 Incident Reference: 111176 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	781	2	420605 423700
21	Pollution Incidents to Controlled Waters Property Type: Textile industry Location: Location Description Not Available, LIVERSEGE Authority: Environment Agency, North East Region Pollutant: Other Chemicals Note: Watercourse :Spen Beck/Dean Beck; From Upstream Spenborough To River Calder Incident Date: Not Supplied Incident Reference: SL980204 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	813	2	420700 423600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 11th May 1992 Incident Reference: 133347 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	837	2	419200 423600
23	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial: Other Location: SPEN Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Spen Incident Date: 20th March 1995 Incident Reference: SL950394 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19NW (NE)	841	2	420500 423900
24	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewage Treatment Works Location: SPEN Authority: Environment Agency, North East Region Pollutant: Other Sewage Note: Fish Killed: No Information; Spen Incident Date: 30th March 1995 Incident Reference: SL950419 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	859	2	420800 423500
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewage Treatment Works Location: Road Bridgea62/Liversedge Spen 05 Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 14th May 1990 Incident Reference: 110680 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	861	2	420700 423700
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Textile industry Location: Off Station Lane, HECKMONDWIKE Authority: Environment Agency, North East Region Pollutant: Other Chemicals Note: Spen Beck/Dean Beck; No Fish Killed Incident Date: Not Supplied Incident Reference: SL980684 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	880	2	420750 423650
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Rock Edge Authority: Environment Agency, North East Region Pollutant: Miscellaneous - No Visible Pollution/Nothing Found Note: Smell Only Incident Date: 13th March 1989 Incident Reference: 8698 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	882	2	420200 424100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Metal industry Location: SPEN Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information; Spen Incident Date: 8th February 1995 Incident Reference: SL950256 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	903	2	420800 423600
29	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Location: Gomersal/Source Spen Aflu Authority: Environment Agency, North East Region Pollutant: Silage Liquor Note: Not Supplied Incident Date: 14th August 1991 Incident Reference: 125239 Catchment Area: Not Given Receiving Water: No Pollution Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	921	2	420600 422400
30	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Gomersal Spen Aflu Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 16th August 1989 Incident Reference: 102511 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	940	2	419200 423800
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Food industry Location: Calder 05C Authority: Environment Agency, North East Region Pollutant: Unknown Note: Fish Killed: No Information Incident Date: 17th May 1995 Incident Reference: SL950082 Catchment Area: Calder Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SW (SW)	945	2	419300 422500
32	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Todmorden Calder Aflu Authority: Environment Agency, North East Region Pollutant: Miscellaneous - Other Note: Wine Incident Date: 1st May 1990 Incident Reference: 110038 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	949	2	419400 422400
32	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Industrial Premises Location: Mouth/Todmorden Calder Aflu Authority: Environment Agency, North East Region Pollutant: Industrial Effluent Note: Not Supplied Incident Date: 22nd May 1990 Incident Reference: 110826 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	953	2	419400 422395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Battyeford Bridge, /Rastrick Bridge Calder 05C Authority: Environment Agency, North East Region Pollutant: Sewage - Septic Tank Effluent Note: Not Supplied Incident Date: 2nd July 1992 Incident Reference: 134704 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12NW (W)	958	2	419000 423300
34	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 13th April 1994 Incident Reference: 150574 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	974	2	420200 424195
34	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 13th April 1994 Incident Reference: 150569 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A23SE (N)	979	2	420200 424200
35	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Sewage Treatment Works Location: Spen Beck, LIVERSEDGE Authority: Environment Agency, North East Region Pollutant: Sewage - Treated Effluent Note: No Fish Killed Incident Date: 27th May 1997 Incident Reference: SL970616 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19NE (NE)	977	2	420700 423895
35	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Miscellaneous Premises: Unknown Location: Gomersal/Source Spen Afu Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 6th August 1993 Incident Reference: 146668 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19NE (NE)	980	2	420700 423900
36	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Farm Location: Mouth/Gomersal Spen Afl Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 9th November 1989 Incident Reference: 104992 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9SE (SE)	987	2	420700 422400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<p>Prosecutions Relating to Authorised Processes</p> <p>Location: Liversedge Goods Yard, Headlands Road, Liversedge, WF15 Prosecution Text: Storing scraps vehicles on land without a WML Prosecution Act: Epa90 S33(1)(B) Hearing Date: 5th December 2005 Verdict: Guilty Fine: 1760 Costs: 1651 Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SE (NE)	347	2	420171 423530
	<p>River Quality</p> <p>Name: Spen_Beck/Dean_Beck GQA Grade: River Quality E Reach: Cleckheaton_U/S_Spenboroug Estimated Distance (km): 5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000</p>	A19SW (NE)	799	2	420598 423738
38	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 4th April 2007 Incident Reference: 482462 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: Organic Chemicals/Products: Other Organic Chemical Or Product</p>	A19SE (NE)	907	2	420790 423630
38	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 4th June 2013 Incident Reference: 1118624 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: Organic Chemicals : Adhesives / Sealants</p>	A19SE (NE)	914	2	420796 423633
38	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 9th June 2005 Incident Reference: 318874 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: Organic Chemicals/Products: Other Organic Chemical Or Product</p>	A19SE (NE)	915	2	420806 423616
39	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 29th July 2008 Incident Reference: 608998 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: Suspended Solids</p>	A19NW (NE)	975	2	420434 424105
40	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 29th September 2001 Incident Reference: 33745 Water Impact: Category 2 - Significant Incident Air Impact: Category 2 - Significant Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inorganic Chemicals : Other</p>	A14NE (E)	983	2	420954 423452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Firth Furnishings Ltd Licence Number: 2/27/13/094 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 9387 Yearly Rate (m3): 2500300 Details: Licence 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</p>	A20SW (E)	1397	2	421300 423700
	<p>Water Abstractions</p> <p>Operator: Standtoft Roof Tiles Ltd Licence Number: 2/27/13/014 Permit Version: Not Supplied Location: Low Mills, Spen Vale Street, HECKMONDWIKE Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 568 Yearly Rate (m3): 113650 Details: Not Supplied 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</p>	A10NE (E)	1558	2	421560 422840
	<p>Water Abstractions</p> <p>Operator: John L Barber & Son Licence Number: 2/27/13/231 Permit Version: 1 Location: Borehole - Coal Measures - Mirfield Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Crossley Farm, Crossley Lane, Mirfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 8th September 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A4SE (SE)	1763	2	420920 421600
	<p>Water Abstractions</p> <p>Operator: Harrison Gardner & Co Ltd Licence Number: 2/27/13/198 Permit Version: 101 Location: Borehole - Coal Measures - Liversedge Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Victoria Dyeworks, Hightown, Liversedge, West Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A16NW (NW)	1856	2	418310 424100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Harrison, Gardner & Company Limited Licence Number: 2/27/13/198 Permit Version: 100 Location: Borehole Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 341 Yearly Rate (m3): 112464 Details: Victoria Dyeworks, Hightown, Liversedge, West Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th October 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1884	2	418250 424040
	Water Abstractions Operator: Harrison Gardner & Co Ltd Licence Number: 2/27/13/198 Permit Version: 101 Location: Borehole - Coal Measures - Liversedge Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Victoria Dyeworks, Hightown, Liversedge, West Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 6th June 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(NW)	1902	2	418230 424040
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SW (N)	0	4	419992 423183
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: <40% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13SE (E)	0	4	420000 423183
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	4	419992 423183
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (E)	0	4	420000 423183
	Superficial Aquifer Designations No Data Available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	121	5	419872 423112
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (W)	127	5	419853 423143
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (W)	127	5	419853 423143
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (W)	129	5	419852 423139
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	139	5	419878 423067
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 331.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	169	5	419794 423288
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	169	5	419794 423288

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	184	5	419853 423023
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	194	5	419846 423016
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SE (SE)	198	5	420121 422946
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 161.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	199	5	419842 423014
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	274	5	419771 423444
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 604.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A18SW (N)	306	5	419882 423543
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A18SW (NW)	315	5	419809 423521
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 193.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A13NW (NW)	321	5	419759 423495
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	343	5	419740 422910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	347	5	419737 422908
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	363	5	419724 422900
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A13SW (SW)	364	5	419723 422900
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A18SW (N)	379	5	419875 423616
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	439	5	419533 423127
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	439	5	419533 423127
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	465	5	419512 423104
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lands Beck Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	467	5	419593 423535
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	475	5	419500 423111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	483	5	419504 423067
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	490	5	419500 423059
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	493	5	419497 423056
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14SW (E)	499	5	420525 423084
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	510	5	419469 423093
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 520.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Lands Beck Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	519	5	419535 423545
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A17SE (NW)	519	5	419535 423545
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	522	5	419482 423007
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	523	5	419480 423010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	527	5	419487 422978
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	527	5	419487 422976
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	542	5	419433 423099
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12SE (W)	547	5	419429 423095
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NE (NW)	594	5	419417 423491
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NE (NW)	596	5	419413 423488
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 86.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	616	5	420386 423700
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SE (S)	631	5	420187 422508
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8SE (S)	632	5	420175 422505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8NE (S)	633	5	420241 422524
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8NE (S)	635	5	420247 422524
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8NE (SE)	649	5	420321 422541
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A8NE (SE)	649	5	420323 422542
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NW (SE)	669	5	420407 422570
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9NW (SE)	672	5	420379 422548
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	696	5	420462 423738
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	696	5	419279 423404
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	698	5	419260 423194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 100.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	703	5	419272 423404
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9SW (SE)	733	5	420401 422490
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 297.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	744	5	420756 423279
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	750	5	420517 423760
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 231.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Tanhouse Beck Catchment Name: Aire and Calder Primacy: 1	A19SW (NE)	772	5	420544 423762
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	775	5	419189 423352
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 74.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	784	5	419178 423339
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	830	5	419126 423265
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 677.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A19NW (NE)	832	5	420474 423909

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	836	5	419122 423292
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	837	5	419120 423265
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	847	5	419111 423294
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	860	5	419097 423277
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	865	5	419092 423267
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	874	5	419082 423265
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	874	5	419082 423265
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clough Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	896	5	419146 423624
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	896	5	419146 423624

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	904	5	419137 423623
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A19SE (NE)	909	5	420791 423640
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	914	5	419117 423605
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	928	5	419092 423579
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clough Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	944	5	419103 423645
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A19SE (E)	962	5	420899 423532
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A19SE (E)	964	5	420902 423530
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (W)	966	5	419042 423552
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A9SW (SE)	968	5	420645 422377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: Underground Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	979	5	420924 423517
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clough Beck Catchment Name: Aire and Calder Primacy: 1	A17SW (NW)	980	5	419070 423661
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A19NW (N)	981	5	420381 424139
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 580.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A18NE (N)	986	5	420270 424188
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	988	5	419008 423520
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Aire and Calder Primacy: 1	A23SW (N)	989	5	419812 424226
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spen River Catchment Name: Aire and Calder Primacy: 1	A14NE (E)	990	5	420941 423506
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Spa Pump Beck Catchment Name: Aire and Calder Primacy: 1	A12NW (W)	999	5	418994 423510

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	BGS Recorded Landfill Sites Site Name: Headlands Rd Location: LIVERSEEDGE, Yorkshire 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	A18SE (N)	298	-	420036 423539
129	Historical Landfill Sites Licence Holder: Not Supplied Location: Liversedge, Yorkshire Name: Headlands Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31571 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1096 Other Ref: Not Supplied	A18SE (N)	296	2	420034 423538
130	Historical Landfill Sites Licence Holder: Not Supplied Location: Liversedge Name: Hindley Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35039 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A14NW (NE)	499	2	420425 423447
131	Licensed Waste Management Facilities (Locations) Licence Number: 65526 Location: Headlands Road Depot, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Operator Name: Kirklees Council Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 12th January 2006 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 100m	A18SE (N)	375	2	420100 423600
132	Licensed Waste Management Facilities (Locations) Licence Number: 65019 Location: Liversedge Goods Yard, Halifax Road, Liversedge, West Yorkshire, WF15 6PS Operator Name: Robinson Robert Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Transferred Issued: 14th October 1998 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 100m	A19SE (NE)	999	2	420800 423800
	Local Authority Landfill Coverage Name: Kirklees Metropolitan Borough Council - Has not been able to supply Landfill data		0	6	419992 423183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NW (N)	15	-	419989 423236
134	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (E)	117	-	420122 423197
135	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (NE)	151	-	420102 423317
136	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (E)	156	-	420155 423219
137	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13SE (S)	175	-	420021 422943
138	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13SW (W)	183	-	419783 423183
139	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13SW (W)	216	-	419764 423130
140	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13SW (SW)	222	-	419887 422942
141	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13SW (SW)	232	-	419815 422995
142	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13NE (N)	267	-	420111 423484
143	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	306	-	420331 423164
144	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (SE)	365	-	420333 422924
145	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	374	-	420399 423079
146	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A8NW (S)	376	-	419840 422788
147	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A13SW (SW)	415	-	419677 422873
148	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14NW (NE)	432	-	420351 423445

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	440	-	420117 423662
150	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8NE (S)	445	-	420065 422675
151	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (NE)	457	-	420308 423553
152	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12SE (SW)	463	-	419608 422888
153	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (NE)	484	-	420246 423644
154	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NE (SW)	488	-	419637 422809
155	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (NE)	503	-	420306 423622
156	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NE (SW)	564	-	419602 422735
157	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	573	-	420169 423785
158	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NE (SW)	624	-	419566 422687
159	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9NW (SE)	674	-	420424 422577
160	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18NE (N)	764	-	420196 423978
161	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NW (W)	794	-	419207 423503
162	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NE (SW)	794	-	419466 422547
163	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18NE (N)	842	-	420164 424067
164	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18NW (N)	878	-	419767 424103

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7SE (SW)	893	-	419612 422325
166	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A11NE (W)	982	-	418975 423272
167	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9SE (SE)	992	-	420729 422422
168	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A7NW (SW)	1000	-	419114 422668
169	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (SW)	250	-	419838 422945
170	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13SW (SW)	256	-	419864 422917
171	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (N)	363	-	419863 423597
172	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (N)	457	-	419795 423673
173	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8NE (SE)	462	-	420314 422760
174	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A18SW (N)	510	-	419772 423720
175	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NE (SE)	569	-	420265 422603
176	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (S)	581	-	419859 422560
177	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (S)	598	-	419871 422540
178	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A8NW (S)	633	-	419797 422527
179	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SW (NE)	641	-	420403 423719
180	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8NW (SW)	646	-	419696 422560
181	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NW (SW)	664	-	419660 422562
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	685	-	419789 422473
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8SW (S)	707	-	419743 422469
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	716	-	419979 422403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A9NW (SE)	717	-	420418 422520
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A14SE (E)	809	-	420835 423068
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A19SE (NE)	827	-	420738 423552
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	835	-	420735 423579
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A14SE (E)	836	-	420848 422962
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	855	-	420779 423534
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854	A19SE (NE)	866	-	420772 423573
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NE (N)	878	-	420118 424114
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SE (E)	887	-	420910 423030
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SE (S)	897	-	420052 422221
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SE (SW)	913	-	419551 422336
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A19SE (NE)	920	-	420805 423628
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A19SE (NE)	924	-	420833 423580
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NE (N)	947	-	420238 424156
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854	A19SE (NE)	960	-	420829 423672
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A23SE (N)	967	-	420045 424213
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A7SE (SW)	970	-	419592 422248
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SE (S)	977	-	419629 422223
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19NW (N)	981	-	420382 424138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: British Gas North Eastern Licence Reference: 1241 Site Location: Wakefield Road, Frost Hill, LIVERSEDGE, West Yorkshire, WF15 6BQ Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1994 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 Asbestos Wastes Bulky H'Hold Waste (Inc Cookers/Fires) Commercial/Industrial Wastes Empty Used Containers Max.Storage In Licence Max.Waste Permitted By Licence Scrap Gas Pipes Uncontam. Earth/Excavation Wastes Poisonous, Noxious And Polluting N.O.S</p> <p>Prohibited Waste</p>	A19SE (NE)	920	2	420768 423701
205	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Birkby Plastics Ltd Licence Reference: 1057 Site Location: Headlands Road, LIVERSEDGE, West Yorkshire, WF15 6QA Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Recovery - Solvent Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Site exempt from licenceExempt Dated: 1st April 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste Low Flash Point Solvents Solid Still Residues</p>	A13NE (N)	284	2	420100 423500
206	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: H Rawson Licence Reference: EAWML65019 Site Location: Liversedge Goods Yard, Liversedge, West Yorkshire Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 14th October 1998 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste Batteries Max.Storage In Licence Max.Waste Permitted By Licence Oil Tyres Unroadworthy/Scrap Vehicles & Comp'Ts</p> <p>Prohibited Waste Liquid Waste N.O.S. W. Likely To Pollute Environment N.O.S W. With Pot'L Harm Human Health N.O.S Waste N.O.S.</p>	A19SE (NE)	999	2	420800 423800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Lower Coal Measures Formation And South Wales Lower Coal Measures Formation (Undifferentiated)	A13SW (N)	0	1	419992 423183
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	0	1	420035 423166
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (N)	0	1	419992 423183
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	42	1	419922 423268
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (S)	118	1	419992 423000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	187	1	420127 422963
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 35 - 45 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	280	1	419996 423528

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 Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18SE (N)	281	1	420000 423528
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 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:	A14SW (E)	363	1	420390 423091
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A12SE (W)	425	1	419534 423179
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A12SE (W)	456	1	419500 423183
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 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:	A12NE (W)	457	1	419500 423269
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 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:	A12SE (W)	463	1	419497 423181

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 Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	464	1	419592 423529
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A18SW (NW)	472	1	419735 423660
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A17SE (NW)	484	1	419620 423590
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A12SE (W)	506	1	419500 423004
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (W)	507	1	419500 423000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A12NE (NW)	513	1	419474 423416

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 Arsenic 25 - 35 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:	A12SE (SW)	550	1	419500 422897
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17SE (NW)	566	1	419500 423576
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A17SE (NW)	598	1	419500 423628
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A8NE (S)	601	1	420244 422559
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A9NW (SE)	617	1	420371 422609
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19SW (NE)	621	1	420391 423702

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12SE (W)	642	1	419356 423007
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	665	1	420315 422521
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	672	1	419534 422651
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NE (SW)	678	1	419500 422676
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	701	1	419285 423449
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A14NE (E)	738	1	420689 423452

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A18NE (N)	752	1	420010 424000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A18NE (N)	756	1	420000 424004
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A12NW (W)	769	1	419187 423241
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A17NE (NW)	829	1	419616 424000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A14SE (E)	846	1	420865 423000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic 35 - 45 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A7NW (SW)	855	1	419215 422784

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 Arsenic 35 - 45 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:	A18NW (N)	864	1	419687 424066
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A19NW (NE)	866	1	420399 424000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 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:	A17NE (NW)	874	1	419500 423988
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A12NW (W)	909	1	419083 423493
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 120 - 180 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A18NE (N)	942	1	420245 424149
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A19NW (NE)	969	1	420583 423997

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 Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (E)	972	1	421000 423183
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 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:	A19SE (NE)	973	1	420864 423630
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A17NE (NW)	975	1	419343 424000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A14SE (E)	980	1	421000 423000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A23SE (N)	983	1	420163 424213
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 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:	A23SE (N)	985	1	420073 424228

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 Arsenic 35 - 45 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:	A12SW (W)	986	1	419000 423000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A19NW (NE)	993	1	420617 424000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 35 - 45 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7SW (SW)	1000	1	419261 422461
207	BGS Recorded Mineral Sites Site Name: The Yew Tree Inn Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73758 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (N)	9	1	419978 423247
208	BGS Recorded Mineral Sites Site Name: The Yew Tree Inn Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73757 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	143	1	420087 423327
209	BGS Recorded Mineral Sites Site Name: Smithy Hill Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73759 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NW (W)	194	1	419769 423191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Smithy Hill Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73760 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (W)	220	1	419755 423145
210	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Liversedge Hall Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73755 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	370	1	420397 423105
211	<p>BGS Recorded Mineral Sites</p> <p>Site Name: The Yew Tree Inn Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73756 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	426	1	420344 423448
212	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Stanley House Location: Norristhorpe, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73795 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	441	1	420067 422679
213	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Tanhouse Mill Location: Liversedge, Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 72535 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Falhouse Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	447	1	420117 423670
214	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Strawberry Bank Location: Liversedge, Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73742 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	455	1	420295 423565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pogmires Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73761 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SE (SW)	463	1	419600 422899
216	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Tanhouse Mill Location: Liversedge, Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 72536 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A18SE (NE)	484	1	420229 423656
217	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Robert Town Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73770 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	487	1	419625 422824
218	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Robert Town Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73769 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	565	1	419586 422751
219	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mill Bridge Colliery Location: Liversedge, Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 72534 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Falhouse Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	582	1	420160 423798
220	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Robert Town Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73768 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	620	1	419560 422698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	<p>BGS Recorded Mineral Sites</p> <p>Site Name: South Field Farm Location: Norristhorpe, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73796 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	672	1	420417 422574
222	<p>BGS Recorded Mineral Sites</p> <p>Site Name: The Parsonage Location: Liversedge, Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73741 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	769	1	420165 423992
223	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Robert Town Coal Pit Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 71989 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	788	1	419462 422560
224	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Quarry Fields Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73740 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Lower Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NW (NW)	806	1	419198 423515
225	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Wilby Farm Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73798 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	834	1	419694 422351
226	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Wilby Farm Location: Robert Town, Batley, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73797 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	884	1	419615 422333

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	BGS Recorded Mineral Sites Site Name: Owlet Hurst Wood Location: Norristhorpe, Leeds, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 72537 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Falhouse Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SE (SE)	967	1	420711 422439
228	BGS Recorded Mineral Sites Site Name: Bay Farm Location: Liversedge, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 73762 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A11NE (W)	994	1	418963 423281
	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.	A13SW (N)	0	7	419992 423183
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (N)	0	-	419992 423183
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	42	1	419922 423268
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	139	1	420000 423384
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	97	1	419930 423338
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	78	1	419913 423127
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	97	1	419930 423338
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420000 423183
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	1	419992 423183
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	420035 423166
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	9	1	419984 423126
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	42	1	419922 423268
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	139	1	420104 423333
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	220	1	419807 422997
	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	A13SE (E)	0	1	420000 423183
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	420000 423175
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	419992 423150
	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	A13SW (N)	0	1	419992 423183
	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	A13SE (E)	0	1	420000 423183
	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	A13SE (SE)	0	1	420000 423175
	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	A13SW (S)	0	1	419992 423150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (N)	0	1	419992 423183

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	<p>Contemporary Trade Directory Entries</p> <p>Name: M W C Light Haulage Location: 25, Roberttown Lane, LIVERSEDGE, West Yorkshire, WF15 7NR Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (S)	75	-	419985 423053
229	<p>Contemporary Trade Directory Entries</p> <p>Name: M W C Location: 25, Roberttown Lane, Liversedge, West Yorkshire, WF15 7NR Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SW (S)	75	-	419985 423053
230	<p>Contemporary Trade Directory Entries</p> <p>Name: Birkbys Plastics Ltd Location: Headlands Road, Liversedge, West Yorkshire, WF15 6QA Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	203	-	419930 423449
230	<p>Contemporary Trade Directory Entries</p> <p>Name: Kautex Textron (Uk) Ltd Location: Headlands Road, Liversedge, West Yorkshire, WF15 6QA Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	203	-	419930 423449
230	<p>Contemporary Trade Directory Entries</p> <p>Name: Kautex Textron (Uk) Ltd Location: Headlands Road, Liversedge, West Yorkshire, WF15 6QA Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	203	-	419930 423449
230	<p>Contemporary Trade Directory Entries</p> <p>Name: Kautex Location: Headlands Road, Liversedge, West Yorkshire, WF15 6QA Classification: Car Component Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	203	-	419930 423449
231	<p>Contemporary Trade Directory Entries</p> <p>Name: Extrusion Machinery Ltd Location: Unit 1a,Headlands Woeks,Headlands Rd, Liversedge, West Yorkshire, WF15 7NT Classification: Plastics - Extrusion Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A13NE (NE)	258	-	420164 423416
231	<p>Contemporary Trade Directory Entries</p> <p>Name: D S Precision Engineering Ltd Location: Headlands Works, Headlands Road, Liversedge, West Yorkshire, WF15 7NT Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	259	-	420165 423417
231	<p>Contemporary Trade Directory Entries</p> <p>Name: Payne'S Machine Transport Location: Headlands Works, Headlands Road, Liversedge, West Yorkshire, WF15 7NT Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	259	-	420165 423417
231	<p>Contemporary Trade Directory Entries</p> <p>Name: Chris Adamson Location: Headlands Road, LIVERSEDGE, West Yorkshire, WF15 6PR Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	259	-	420165 423417
231	<p>Contemporary Trade Directory Entries</p> <p>Name: Calder Mould Services Ltd Location: Headlands Works, Headlands Road, Liversedge, West Yorkshire, WF15 7NT Classification: Mould Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	259	-	420165 423417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	<p>Contemporary Trade Directory Entries</p> <p>Name: Zeta Plastic Components Ltd Location: Headlands Works, Headlands Road, Liversedge, West Yorkshire, WF15 7NT Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	260	-	420165 423417
232	<p>Contemporary Trade Directory Entries</p> <p>Name: Dymond Trading Co (Yorkshire) Ltd Location: Headlands Road, Liversedge, West Yorkshire, WF15 7NT Classification: Sausage Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	266	-	420216 423345
233	<p>Contemporary Trade Directory Entries</p> <p>Name: Hgm Autos Location: Unit 3 Headlands Rd, Liversedge, West Yorkshire, WF15 7NT Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NE (NE)	305	-	420215 423426
234	<p>Contemporary Trade Directory Entries</p> <p>Name: Sell Quick Location: 2, Lumb Lane, Liversedge, West Yorkshire, WF15 7QH Classification: Testing, Inspection & Calibration Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	430	-	420164 422712
235	<p>Contemporary Trade Directory Entries</p> <p>Name: Greenland Bros Location: Roberttown Lane, Liversedge, West Yorkshire, WF15 7LY Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (SW)	442	-	419721 422793
236	<p>Contemporary Trade Directory Entries</p> <p>Name: Clean 'N' Bright Location: 32, Sunnyside Avenue, Liversedge, West Yorkshire, WF15 7NW Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NW (S)	460	-	419861 422687
237	<p>Contemporary Trade Directory Entries</p> <p>Name: Abh National Location: 60, Liversedge Hall Lane, Liversedge, West Yorkshire, WF15 7DB Classification: Safes & Vaults - Suppliers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (E)	465	-	420480 423014
238	<p>Contemporary Trade Directory Entries</p> <p>Name: Pearson Ralph Location: The Abbatoir, Headlands Rd, St Enoch/, Liversedge, West Yorkshire, WF15 6PR Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A18SE (N)	510	-	420181 423712
238	<p>Contemporary Trade Directory Entries</p> <p>Name: Dara Halal Meat Co Location: Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	510	-	420181 423712
238	<p>Contemporary Trade Directory Entries</p> <p>Name: Spenborough Abattoir Location: Headlands Road, LIVERSEEDGE, West Yorkshire, WF15 6PR Classification: Abattoirs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	510	-	420181 423712
239	<p>Contemporary Trade Directory Entries</p> <p>Name: Dara Halal Location: Headlands Rd, Liversedge, West Yorkshire, WF15 6PR Classification: Abattoirs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A18SE (N)	525	-	420131 423748

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
239	<p>Contemporary Trade Directory Entries</p> <p>Name: S P I Location: 8, HEADLANDS ROAD, LIVERSEDGE, WF15 6PR Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	537	-	420093 423771
240	<p>Contemporary Trade Directory Entries</p> <p>Name: Q & S Security Location: 22, Norrithorpe Lane, Liversedge, West Yorkshire, WF15 7AA Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	531	-	420338 422691
241	<p>Contemporary Trade Directory Entries</p> <p>Name: P D Cleaning Services Location: 10, Low House Fold, Liversedge, West Yorkshire, WF15 6HY Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SW (N)	553	-	419972 423802
242	<p>Contemporary Trade Directory Entries</p> <p>Name: Carbon Engine Clean West Yorkshire Location: Liversedge, West Yorkshire, Wf15 7ne Classification: Engine Rebuilding & Reconditioning Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A8NW (S)	566	-	419927 422560
243	<p>Contemporary Trade Directory Entries</p> <p>Name: Carl Morton Vehicle Refinishing Location: Ashton Clough Road, Liversedge, West Yorkshire, WF15 6JX Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (NE)	567	-	420329 423685
243	<p>Contemporary Trade Directory Entries</p> <p>Name: Ashton Clough Autos Location: Liversedge, WF15 6JX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	602	-	420368 423698
243	<p>Contemporary Trade Directory Entries</p> <p>Name: Barry Havison Location: Ashton House, 19, Ashton Clough Road, Liversedge, West Yorkshire, WF15 6JX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	609	-	420368 423707
243	<p>Contemporary Trade Directory Entries</p> <p>Name: C D M Cleaning Services Location: 19a Ashton Clough Road, Liversedge, West Yorkshire, WF15 6JX Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A19SW (NE)	611	-	420364 423714
244	<p>Contemporary Trade Directory Entries</p> <p>Name: R J Holbrook Location: 99, Halifax Road, Liversedge, West Yorkshire, WF15 6PP Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A18SE (N)	570	-	420061 423811
245	<p>Contemporary Trade Directory Entries</p> <p>Name: Commercial Bin Cleaners Location: 12, Lincoln Avenue, Liversedge, West Yorkshire, WF15 7NH Classification: Wheelie Bin Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	573	-	420013 422545
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Chilli Wizards Location: UNIT 1, CROSS LANE BUSINESS PARK, HEADLANDS ROAD, LIVERSEDGE, WF15 6PR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	577	-	420150 423796

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Chillli Wizards Ltd Location: Unit 1 Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	582	-	420171 423794
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Springwell Motors Location: Unit 1, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	582	-	420166 423795
246	<p>Contemporary Trade Directory Entries</p> <p>Name: W T D Sheet Metal Location: Unit 7, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	582	-	420183 423789
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Melton Cfc Precast Floors Location: Unit 9, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Concrete Products Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	582	-	420183 423789
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Sure Start Autos Location: Unit 6, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	583	-	420177 423793
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Wilbo Engineering Co Location: Unit 3, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	583	-	420152 423802
246	<p>Contemporary Trade Directory Entries</p> <p>Name: A L K Engineering Location: Unit 5, Cross Lane Business Park, Headlands Road, Liversedge, West Yorkshire, WF15 6PR Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	583	-	420172 423795
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Vehicle Dismantlers Location: Central Goods Yard, Halifax Road, Liversedge, West Yorkshire, WF15 6PS Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A18SE (N)	627	-	420208 423828
247	<p>Contemporary Trade Directory Entries</p> <p>Name: P D Thorpe Location: 4a Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Garage Services Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A14NW (NE)	578	-	420504 423465
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Auto Repairs Location: A, 4, Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	607	-	420534 423472
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Autopaint Northern Location: 4b, Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Paint Spraying Equipment & Accessories Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	607	-	420534 423472

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Union Motors Location: A, 4, Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	607	-	420534 423472
247	<p>Contemporary Trade Directory Entries</p> <p>Name: P D Thorpe Location: Unit 4a, Union Rd, Liversedge, West Yorkshire, WF15 7HW Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A14NW (NE)	608	-	420534 423473
248	<p>Contemporary Trade Directory Entries</p> <p>Name: Rydal Location: Huddersfield Rd, Liversedge, West Yorkshire, WF15 7PP Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NE (S)	596	-	420128 422531
248	<p>Contemporary Trade Directory Entries</p> <p>Name: Earlyautomotive Car Sales Location: 236, Huddersfield Road, Liversedge, West Yorkshire, WF15 7QQ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	607	-	420081 422513
249	<p>Contemporary Trade Directory Entries</p> <p>Name: A Harris Engineering Ltd Location: Station Yard, Halifax Road, Liversedge, West Yorkshire, WF15 6PS Classification: Machine Tool Accessories & Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18SE (NE)	601	-	420244 423782
249	<p>Contemporary Trade Directory Entries</p> <p>Name: P S N Motors Location: Liversedge, WF15 6PS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (N)	636	-	420229 423829
250	<p>Contemporary Trade Directory Entries</p> <p>Name: Robert Kemp Light Haulage Location: 98, Liversedge Hall Lane, Liversedge, West Yorkshire, WF15 7AF Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	630	-	420550 422772
251	<p>Contemporary Trade Directory Entries</p> <p>Name: Green Flag Location: 36, Lincoln Avenue, Liversedge, West Yorkshire, WF15 7NH Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	635	-	419929 422489
252	<p>Contemporary Trade Directory Entries</p> <p>Name: Resinform Ltd Location: Child La, Liversedge, West Yorkshire, WF15 7LZ Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8NW (S)	636	-	419748 422544
253	<p>Contemporary Trade Directory Entries</p> <p>Name: Lorcon Ltd Location: 55, Halifax Road, Liversedge, West Yorkshire, WF15 6LF Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	640	-	420353 423759
253	<p>Contemporary Trade Directory Entries</p> <p>Name: Kirkgate Engineering Ltd Location: Ashton Clough Road, LIVERSEEDGE, West Yorkshire, WF15 6JX Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	663	-	420394 423756
253	<p>Contemporary Trade Directory Entries</p> <p>Name: Beauty Sleep Location: 53, Halifax Road, Liversedge, WF15 6LF Classification: Bed & Mattress Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	689	-	420403 423783

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
254	<p>Contemporary Trade Directory Entries</p> <p>Name: Geoff Clough Location: 2, Aston Close, Liversedge, West Yorkshire, WF15 7QW Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	662	-	419810 422491
255	<p>Contemporary Trade Directory Entries</p> <p>Name: Wrought Craft Location: 2, Rouse Street, Liversedge, West Yorkshire, WF15 6LG Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18SE (NE)	672	-	420324 423819
256	<p>Contemporary Trade Directory Entries</p> <p>Name: Home 'N' Dry Location: 18, Burnsall Road, Liversedge, West Yorkshire, WF15 6QF Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	672	-	419998 423921
257	<p>Contemporary Trade Directory Entries</p> <p>Name: Northern Autogas Location: Station Yard, Halifax Road, Liversedge, West Yorkshire, WF15 6PS Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address</p>	A18NE (N)	674	-	420211 423878
258	<p>Contemporary Trade Directory Entries</p> <p>Name: Batley Padding Location: Fountain Works, Huddersfield Road, LIVERSEEDGE, West Yorkshire, WF15 7QQ Classification: Insulation Materials Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A8SE (S)	677	-	420087 422444
259	<p>Contemporary Trade Directory Entries</p> <p>Name: Lawrence T Bridgeman Location: 1, Church Road, Liversedge, West Yorkshire, WF15 7LS Classification: Paint Spraying Equipment & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	691	-	419542 422618
259	<p>Contemporary Trade Directory Entries</p> <p>Name: Working Media Print Location: 1, Church Road, Liversedge, West Yorkshire, WF15 7LS Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A7NE (SW)	691	-	419542 422618
260	<p>Contemporary Trade Directory Entries</p> <p>Name: S J L Motors Location: A, 16, Sampson Street, Liversedge, West Yorkshire, WF15 6JP Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	698	-	420496 423704
261	<p>Contemporary Trade Directory Entries</p> <p>Name: D W Car Sales Location: Warehouse 3, Fountain Works, Huddersfield Road, Liversedge, WF15 7QQ Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	710	-	420035 422408
262	<p>Contemporary Trade Directory Entries</p> <p>Name: Budget Location: 270 Halifax Rd, Liversedge, West Yorkshire, WF15 8HG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	712	-	419586 423850
263	<p>Contemporary Trade Directory Entries</p> <p>Name: Auto Crash Specialists Location: Unit 4A Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NE (E)	718	-	420693 423394

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
263	<p>Contemporary Trade Directory Entries</p> <p>Name: Damp Wall Location: 27, Union Road, Liversedge, West Yorkshire, WF15 7HW Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	725	-	420692 423415
264	<p>Contemporary Trade Directory Entries</p> <p>Name: Sporting Glass Fibre Location: 3, Ashton Clough Road, Liversedge, West Yorkshire, WF15 6JX Classification: Glass Fibre Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	720	-	420464 423771
265	<p>Contemporary Trade Directory Entries</p> <p>Name: Newsmith Stainless Ltd Location: Fountain Works, Child Lane, Liversedge, West Yorkshire, WF15 7PH Classification: Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	764	-	419909 422362
265	<p>Contemporary Trade Directory Entries</p> <p>Name: Newsmith Location: Fountain Works, Child Lane, Liversedge, West Yorkshire, WF15 7PH Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	764	-	419909 422362
266	<p>Contemporary Trade Directory Entries</p> <p>Name: Tichbourne Tool & Gauge Location: Tichbourne Street, Liversedge, West Yorkshire, WF15 6NN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	774	-	419467 423841
267	<p>Contemporary Trade Directory Entries</p> <p>Name: Heckmondwike F B Location: Heckmondwike FB, Wellington Mills, Huddersfield Road, Liversedge, WF15 7FH Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (NE)	782	-	420712 423504
267	<p>Contemporary Trade Directory Entries</p> <p>Name: Heckmondwike F B Location: Wellington Mills, Huddersfield Road, Liversedge, West Yorkshire, WF15 7FH Classification: Carpets & Rugs - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (NE)	782	-	420712 423504
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Hose & Hydraulic Supplies Ltd Location: 9, Fountain Close, Liversedge, West Yorkshire, WF15 7QA Classification: Hose, Tubing & Fittings Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	783	-	419700 422405
269	<p>Contemporary Trade Directory Entries</p> <p>Name: Gary Hanson Location: Chapel Works, Halifax Road, Liversedge, West Yorkshire, WF15 6NP Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17NE (NW)	784	-	419512 423888
270	<p>Contemporary Trade Directory Entries</p> <p>Name: Paintbox Textiles Location: 16, Valley Road, Liversedge, WF15 6JY Classification: Colour Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	784	-	420471 423850
270	<p>Contemporary Trade Directory Entries</p> <p>Name: Paint Box Textiles Location: 16, VALLEY ROAD, MILLBRIDGE, LIVERSEEDGE, WF15 6JY Classification: Dyers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	784	-	420471 423850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
270	Contemporary Trade Directory Entries Name: John Collier & Co Ltd Location: 16, Valley Road, Liversedge, West Yorkshire, WF15 6JY Classification: Lubricant Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	785	-	420474 423849
270	Contemporary Trade Directory Entries Name: Paint Box Textiles Location: 16, Valley Road, Liversedge, West Yorkshire, WF15 6JY Classification: Dyers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	785	-	420474 423849
271	Contemporary Trade Directory Entries Name: S & S Motors Location: 269, Huddersfield Road, Liversedge, West Yorkshire, WF15 7PP Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (S)	788	-	420051 422330
271	Contemporary Trade Directory Entries Name: Jtvs Location: 269, Huddersfield Road, Liversedge, West Yorkshire, WF15 7PP Classification: Caravan Dealers & Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	788	-	420051 422330
271	Contemporary Trade Directory Entries Name: Yorcar At Fountain Court Location: ROBERTTOWN, LIVERSEEDGE, WF15 7PP Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	789	-	420041 422329
271	Contemporary Trade Directory Entries Name: Rydal Motor Co Location: ROBERTTOWN, LIVERSEEDGE, WF15 7PP Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	789	-	420041 422329
271	Contemporary Trade Directory Entries Name: Yorcar At Fountain Court Location: 269, HUDDERSFIELD ROAD, ROBERTTOWN, LIVERSEEDGE, WF15 7PP Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	789	-	420041 422329
272	Contemporary Trade Directory Entries Name: Glasstech Location: 272a, Huddersfield Road, Liversedge, West Yorkshire, WF15 7QQ Classification: Leaded Lights & Windows Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	810	-	419977 422309
273	Contemporary Trade Directory Entries Name: Bennett & Thornes Ltd Location: Bennett Street, Liversedge, West Yorkshire, WF15 7ES Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	811	-	420638 423704
273	Contemporary Trade Directory Entries Name: Millbridge Spinning Co Ltd Location: Spen Valley Mills, Halifax Road, Liversedge, West Yorkshire, WF15 6JL Classification: Knitting Yarn Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	860	-	420675 423738
274	Contemporary Trade Directory Entries Name: Leyden C & C Ltd Location: Roberttown Iron Works, Roberttown Lane, Liversedge, WF15 7LQ Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	832	-	419510 422462
274	Contemporary Trade Directory Entries Name: Paul Pest Control Services Location: 30, Meadow Drive, Liversedge, West Yorkshire, WF15 7QB Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A7SE (SW)	833	-	419551 422432

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
274	<p>Contemporary Trade Directory Entries</p> <p>Name: Leyden Precision Ltd Location: Roberttown Iron Works, Roberttown Lane, Liversedge, West Yorkshire, WF15 7LQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	842	-	419515 422446
275	<p>Contemporary Trade Directory Entries</p> <p>Name: D J Fletcher Location: Knowler Hill, Liversedge, West Yorkshire, WF15 6DP Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A18NE (N)	847	-	420205 424062
276	<p>Contemporary Trade Directory Entries</p> <p>Name: C E Bennett & Sons Location: 44, Knowler Hill, Liversedge, West Yorkshire, WF15 6DT Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NE (N)	848	-	420284 424036
277	<p>Contemporary Trade Directory Entries</p> <p>Name: C T S Location: Unit 5, Valley Road Business Park, Valley Road, Liversedge, West Yorkshire, WF15 6JY Classification: Cutting Tools & Machinery Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	859	-	420477 423940
277	<p>Contemporary Trade Directory Entries</p> <p>Name: Hydro Systems (Engineers) Ltd Location: Unit 2, Valley Road Business Park, Valley Road, Liversedge, West Yorkshire, WF15 6JY Classification: Hydraulic Equipment & Accessories - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	876	-	420487 423955
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Apollo Blinds Ltd Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	943	-	420798 423694
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Amo Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	943	-	420798 423694
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Amo Blinds Ltd Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	943	-	420798 423694
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Transpaint North Ltd Location: 114, B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	971	-	420831 423691
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Systems Telecoms Ltd Location: Unit 111, B M K Ind Est, Wakefield Rd, Liversedge, West Yorkshire, WF15 6BS Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	971	-	420832 423691
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Apollo Blinds Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Amo Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Transpaint (Uk) Ltd Location: 114, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Impetus Direct Location: Clarendon House Unit 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Apollo Blinds Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Megamould Ltd Location: Victoria Springs, Wakefield Road, Liversedge, West Yorkshire, WF15 6BU Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Miden Optical Location: Victoria Springs, Wakefield Road, Liversedge, West Yorkshire, WF15 6BU Classification: Optical Goods - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Excel Compressor Engineering Location: Victoria Springs, Wakefield Road, Liversedge, West Yorkshire, WF15 6BU Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Maple Cleaning Services Ltd Location: Unit 17, Victoria Springs, Wakefield Road, Liversedge, West Yorkshire, WF15 6BU Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: G N G Group Location: 60-70, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Foam Products - Rubber & Plastics Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Apollo Blinds Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Hunter Douglas (Uk) Ltd Location: Clarendon House, 102, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Cv Refinishers Ltd Location: 114, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: A & N Refinishers Ltd Location: 114, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Car Painters & Sprayers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	972	-	420832 423692
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Onboard Power Location: 105-106, B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Classification: Air Compressors Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	973	-	420819 423719
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Ral-Bow Coatings Location: 144 B M K Ind Est, Wakefield Rd, Liversedge, West Yorkshire, WF15 6BS Classification: Powder Coatings Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A19SE (NE)	944	-	420851 423590
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Sleep Kings Location: 152, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	945	-	420852 423590
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Yorkshire Spin Galvanising Ltd Location: Unit 152, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Corrosion Prevention & Control Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	945	-	420852 423590
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Priority Platers Location: Unit 154, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	945	-	420852 423590
279	<p>Contemporary Trade Directory Entries</p> <p>Name: C R Precision Engineering Ltd Location: 146-147, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	945	-	420852 423590
279	<p>Contemporary Trade Directory Entries</p> <p>Name: L D C Engineering Ltd Location: 144, B M K Industrial Estate, Wakefield Road, Liversedge, West Yorkshire, WF15 6BS Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	945	-	420852 423590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	Contemporary Trade Directory Entries Name: Harrison Adams Mouldings Ltd Location: Victoria Mills, Knowler Hill, Liversedge, West Yorkshire, WF15 6DP Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	947	-	420283 424142
280	Contemporary Trade Directory Entries Name: C C S Catering Services Ltd Location: Ccs Catering Services Ltd, Victoria Mills, Knowler Hill, Liversedge, WF15 6DP Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	957	-	420288 424151
280	Contemporary Trade Directory Entries Name: Stag Sports Ltd Location: Knowler Hill, Liversedge, West Yorkshire, WF15 6DP Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	988	-	420318 424173
281	Contemporary Trade Directory Entries Name: Fire Ladders Location: Unit 5 Holme Street, Liversedge, West Yorkshire, WF15 6JF Classification: Firefighting Equipment Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A19NE (NE)	949	-	420692 423862
281	Contemporary Trade Directory Entries Name: Y F Furniture Ltd Location: Holme Street, Liversedge, West Yorkshire, WF15 6JF Classification: Seating Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	968	-	420721 423855
282	Contemporary Trade Directory Entries Name: Pine Trees Gallery Location: 21a, Leeds Road, Liversedge, West Yorkshire, WF15 6JB Classification: Mirrors & Decorative Glass Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	954	-	420763 423775
283	Contemporary Trade Directory Entries Name: B P Service Station Co-Operative Group Millbridge Location: The Co Operative Food, Millbridge Service Station, 364, Bradford Road, Liversedge, WF15 6JE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	958	-	420661 423910
283	Contemporary Trade Directory Entries Name: Co-Operative Filling Station Location: 364, Bradford Road, Liversedge, West Yorkshire, WF15 6JE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	959	-	420661 423911
283	Contemporary Trade Directory Entries Name: Co-Op Petrol Location: Bradford Road, Liversedge, West Yorkshire, WF15 6JE Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	965	-	420666 423914
283	Contemporary Trade Directory Entries Name: Texaco Location: 364, Bradford Road, Liversedge, West Yorkshire, WF15 6JE Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	966	-	420666 423916
284	Contemporary Trade Directory Entries Name: Seed Bros Location: 336, Halifax Road, Liversedge, West Yorkshire, WF15 6NJ Classification: Meat - Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NW (NW)	977	-	419286 423952

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	Contemporary Trade Directory Entries Name: Image Motor Cycle Refinishers Location: 1, Valley Court, Liversedge, West Yorkshire, WF15 6DJ Classification: Motor Cycle Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	978	-	420515 424059
286	Contemporary Trade Directory Entries Name: Leeds F L T Training Location: 41, Fountain Street, LIVERSEEDGE, West Yorkshire, WF15 7PT Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	995	-	419664 422190
287	Contemporary Trade Directory Entries Name: English Fibres & Yarns Location: Providence Mills, Wormald Street, Liversedge, WF15 6AR Classification: Waste Disposal Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (E)	997	-	420936 423534
287	Contemporary Trade Directory Entries Name: C R Components Location: Rhodes Street, Liversedge, West Yorkshire, WF15 6BG Classification: Brake & Clutch Service Centres Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A19SE (E)	997	-	420936 423535
288	Fuel Station Entries Name: Tcs Rydal Location: 269, Huddersfield Road , Robertown , Liversedge, West Yorkshire, WF15 7PP Brand: Total Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A8SE (S)	789	-	420051 422329
289	Fuel Station Entries Name: Co-Op Millbridge Location: Bradford Road , , Liversedge, West Yorkshire, WF15 6JE Brand: Co-Op Premises Type: Petrol Station Status: Open Positional Accuracy: Automatically positioned to the address	A19NW (NE)	959	-	420661 423911
290	Points of Interest - Commercial Services Name: M W C Light Haulage Location: 25 Robertown Lane, Liversedge, WF15 7NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (S)	75	8	419985 423053
290	Points of Interest - Commercial Services Name: M W C Location: 25 Robertown Lane, Liversedge, WF15 7NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (S)	75	8	419985 423053
291	Points of Interest - Commercial Services Name: Payne's Machine Transport Location: Unit 3 Headlands Works, Headlands Road, Liversedge, WF15 7NT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	256	8	420168 423407
292	Points of Interest - Commercial Services Name: S P I Location: Unit 8 Cross Lane Business Park, Headlands Road, Liversedge, WF15 6PR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (N)	537	8	420093 423771
293	Points of Interest - Commercial Services Name: Carbon Engine Clean West Yorkshire Location: 11 Lincoln Grove, Robertown, Liversedge, WF15 7NE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (S)	566	8	419927 422560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
293	Points of Interest - Commercial Services Name: Green Flag Location: 36 Lincoln Avenue, Liversedge, WF15 7NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	635	8	419929 422489
293	Points of Interest - Commercial Services Name: Green Flag Location: 36 Lincoln Avenue, Liversedge, WF15 7NH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	638	8	419930 422486
294	Points of Interest - Commercial Services Name: Carl Morton Vehicle Refinishing Location: Ashton Clough Road, Liversedge, WF15 6JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	567	8	420329 423685
294	Points of Interest - Commercial Services Name: Morton Carl Vhcle Refinishing Location: Ashton Clough Road, Liversedge, WF15 6JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	586	8	420333 423706
294	Points of Interest - Commercial Services Name: R P M Auto Service Centre Location: Ashton House 19, Ashton Clough Road, Liversedge, WF15 6JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	609	8	420368 423707
294	Points of Interest - Commercial Services Name: Ashton Clough Autos Location: 19, Ashton Clough Road, Millbridge, Liversedge, WF15 6JX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	610	8	420368 423709
294	Points of Interest - Commercial Services Name: Kirkgate Engineering Ltd Location: Ashton Clough Road, Millbridge, Liversedge, WF15 6JX Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19SW (NE)	662	8	420394 423755
294	Points of Interest - Commercial Services Name: Kirkgate Engineering Ltd Location: Ashton Clough Road, Liversedge, WF15 6JX Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A19SW (NE)	663	8	420394 423756
295	Points of Interest - Commercial Services Name: W T D Sheet Metal Location: Unit 7/8 Cross Lane Business Park, Headlands Road, Liversedge, WF15 6PR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (N)	576	8	420190 423781
295	Points of Interest - Commercial Services Name: W T D Sheet Metal Location: Unit 7 Cross Lane Business Park, Headlands Road, Liversedge, WF15 6PR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (N)	577	8	420182 423785
295	Points of Interest - Commercial Services Name: Springwell Motors Location: Unit 1 Cross Lane Industrial Estate, Headlands Road, Liversedge, WF15 6PR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	580	8	420151 423799
295	Points of Interest - Commercial Services Name: Springwell Motors Location: Unit 1 Cross Lane Business Park, Headlands Road, Liversedge, WF15 6PR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	582	8	420166 423795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
295	Points of Interest - Commercial Services Name: Gate & Railings Fabrication Location: Unit 5 Cross Lane Business Park, Headlands Road, Liversedge, WF15 6PR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (N)	583	8	420172 423795
295	Points of Interest - Commercial Services Name: P S N Motors Location: Station Yard, Halifax Road, Liversedge, WF15 6PS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	626	8	420207 423827
295	Points of Interest - Commercial Services Name: Northern Autogas Location: Station Yard, Halifax Road, Liversedge, WF15 6PS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	627	8	420208 423828
296	Points of Interest - Commercial Services Name: P D Thorpe Location: 4a Union Road, Liversedge, WF15 7HW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (NE)	578	8	420504 423465
296	Points of Interest - Commercial Services Name: Union Motors Location: A 4 Union Road, Liversedge, WF15 7HW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (NE)	607	8	420534 423472
297	Points of Interest - Commercial Services Name: Robert Kemp Light Haulage Location: 98 Liversedge Hall Lane, Liversedge, WF15 7AF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NW (SE)	629	8	420550 422772
298	Points of Interest - Commercial Services Name: Wrought Craft Location: 2 Rouse Street, Liversedge, WF15 6LG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (NE)	671	8	420323 423818
298	Points of Interest - Commercial Services Name: Vehicle Dismantlers Location: Halifax Road, Millbridge, Liversedge, WF15 6PS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A18SE (N)	671	8	420262 423852
298	Points of Interest - Commercial Services Name: Wrought Craft Location: 2 Rouse Street, Liversedge, WF15 6LG Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (NE)	672	8	420324 423819
299	Points of Interest - Commercial Services Name: S J L Motors Location: A 16 Sampson Street, Liversedge, WF15 6JP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	698	8	420496 423704
299	Points of Interest - Commercial Services Name: S J L Motors Location: 16a Sampson Street, Liversedge, WF15 6JP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	698	8	420496 423704
300	Points of Interest - Commercial Services Name: M J Motors Birstall Ltd Location: 2 Wendron Close, Liversedge, WF15 7QT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SW (S)	728	8	419885 422403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
301	Points of Interest - Commercial Services Name: Rydal Garage Location: 269 Huddersfield Road, Liversedge, WF15 7PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (S)	788	8	420051 422330
301	Points of Interest - Commercial Services Name: S & S Motors Location: 269 Huddersfield Road, Roberttown, Liversedge, WF15 7PP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8SE (S)	790	8	420041 422328
302	Points of Interest - Commercial Services Name: Union Motors Location: 4 John William Street, Union Road, Liversedge, WF15 7HY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	790	8	420767 423402
303	Points of Interest - Commercial Services Name: P P C Services Location: 30 Meadow Drive, Liversedge, WF15 7QB Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A7SE (SW)	833	8	419551 422432
304	Points of Interest - Commercial Services Name: R D & P D Thorpe Location: Globe Court, Liversedge, WF15 7EP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	839	8	420718 423622
305	Points of Interest - Commercial Services Name: D T B Panther Trikes Location: Unit 4 Valley Road Business Park, Valley Road, Millbridge, Liversedge, WF15 6JY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	871	8	420474 423957
306	Points of Interest - Commercial Services Name: B L S Asbestos Ltd Location: Unit 7 Valley Road Business Park, Valley Road, Millbridge, Liversedge, WF15 6JY Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A19NW (NE)	894	8	420481 423981
306	Points of Interest - Commercial Services Name: Image Motor Cycle Refinishers Location: 1 Valley Court, Liversedge, WF15 6DJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	978	8	420515 424059
306	Points of Interest - Commercial Services Name: Image Motorcycle Refinishers Location: 1 Valley Court, Liversedge, WF15 6DJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NW (NE)	978	8	420515 424059
307	Points of Interest - Commercial Services Name: S R Fletcher Transport Ltd Location: 201 Norristhorpe Lane, Liversedge, WF15 7AN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A9NE (SE)	933	8	420865 422713
308	Points of Interest - Commercial Services Name: Co-Op Millbridge Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (NE)	958	8	420661 423910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	Points of Interest - Commercial Services Name: Car Wash Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A19NW (NE)	959	8	420661 423911
309	Points of Interest - Commercial Services Name: Onboard Power Location: 105-109a B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	972	8	420832 423692
309	Points of Interest - Commercial Services Name: A & N Refinishers Ltd Location: 114 B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	972	8	420832 423692
309	Points of Interest - Commercial Services Name: Transpaint North Ltd Location: 114 B M K Industrial Estate, Wakefield Road, Liversedge, WF15 6BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	981	8	420833 423710
310	Points of Interest - Manufacturing and Production Name: Wind Turbine Location: WF15 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	16	8	419970 423153
311	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	197	8	419932 423443
311	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	A13NW (N)	199	8	419932 423445
311	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	286	8	419907 423529
312	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	217	8	419842 423426
313	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	255	8	420169 423405
313	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	A13NE (NE)	256	8	420169 423406
314	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	A18SW (N)	305	8	419914 423549

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
314	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	305	8	419907 423548
315	Points of Interest - Manufacturing and Production Name: R G Pinder Location: Bullace Trees Lane, Liversedge, WF15 7PE Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12SE (SW)	486	8	419542 422955
316	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	535	8	420154 423750
316	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	535	8	420167 423745
316	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A18SE (N)	538	8	420157 423752
316	Points of Interest - Manufacturing and Production Name: Crosslane Industrial Estate Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	556	8	420153 423773
316	Points of Interest - Manufacturing and Production Name: Crosslane Industrial Estate Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	564	8	420167 423776
317	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	572	8	420346 423677
317	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	580	8	420348 423686
317	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	628	8	420371 423730
317	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	630	8	420372 423732
317	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	658	8	420392 423751

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	663	8	420397 423754
318	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	583	8	420010 423830
318	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	584	8	420013 423831
318	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	586	8	419994 423834
319	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	687	8	420412 423773
319	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	691	8	420416 423774
320	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	A8SW (S)	759	8	419923 422365
320	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	A8SW (S)	759	8	419955 422362
320	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	760	8	419923 422364
320	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	A8SW (S)	776	8	419967 422344
321	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	A17SE (NW)	766	8	419466 423831
321	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	778	8	419513 423881

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
321	Points of Interest - Manufacturing and Production Name: Chapel Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	780	8	419513 423883
322	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	782	8	420487 423833
322	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	785	8	420490 423834
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	801	8	420494 423852
322	Points of Interest - Manufacturing and Production Name: Tanks Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	801	8	420489 423856
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	804	8	420488 423861
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	804	8	420490 423860
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	805	8	420493 423859
322	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	852	8	420579 423842
322	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	856	8	420583 423843
322	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	863	8	420526 423906
322	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	863	8	420526 423906

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	866	8	420518 423917
322	Points of Interest - Manufacturing and Production Name: Tanks Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	868	8	420517 423921
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	874	8	420523 423923
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	874	8	420525 423922
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	875	8	420527 423921
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	875	8	420530 423919
322	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19NW (NE)	876	8	420532 423918
322	Points of Interest - Manufacturing and Production Name: Valley Road Business Park Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	883	8	420483 423966
322	Points of Interest - Manufacturing and Production Name: Valley Road Business Park Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	890	8	420487 423971
323	Points of Interest - Manufacturing and Production Name: Tanks Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	784	8	420695 423544
323	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SE (NE)	840	8	420718 423624
324	Points of Interest - Manufacturing and Production Name: Crown Steel Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	798	8	420547 423797

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
325	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	809	8	420640 423698
326	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	A7SE (SW)	835	8	419511 422458
326	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A7SE (SW)	837	8	419512 422455
327	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A19SW (NE)	852	8	420643 423768
327	Points of Interest - Manufacturing and Production Name: Carpet Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	879	8	420708 423722
327	Points of Interest - Manufacturing and Production Name: Spen Valley Carpet Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	890	8	420720 423724
327	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	907	8	420701 423782
327	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	A19SE (NE)	911	8	420707 423781
327	Points of Interest - Manufacturing and Production Name: Cross Lane Business Park Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	923	8	420670 423847
327	Points of Interest - Manufacturing and Production Name: Cross Lane Business Park Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	925	8	420675 423845
327	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	930	8	420732 423778
327	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	A19SE (NE)	948	8	420781 423734

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	948	8	420781 423735
327	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	A19SE (NE)	969	8	420726 423851
327	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	969	8	420726 423851
328	Points of Interest - Manufacturing and Production Name: Tank Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	911	8	420761 423696
328	Points of Interest - Manufacturing and Production Name: Tanks Location: WF15 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	919	8	420769 423698
329	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	956	8	420288 424150
329	Points of Interest - Manufacturing and Production Name: Works Location: WF15 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	956	8	420288 424150
330	Points of Interest - Manufacturing and Production Name: Bmk Industrial Estate Location: WF15 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	957	8	420850 423621
331	Points of Interest - Manufacturing and Production Name: F R Naylor Location: Owllet Hurst House, Owllet Hurst Lane, Liversedge, WF15 7AJ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A9SW (SE)	980	8	420628 422348
332	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	A23SE (N)	998	8	420095 424239
333	Points of Interest - Public Infrastructure Name: Recycling Business Location: WF15 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	563	8	420219 423753
334	Points of Interest - Public Infrastructure Name: Sluice Location: WF15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	836	8	420517 423878

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
334	Points of Interest - Public Infrastructure Name: Weir Location: WF15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	842	8	420510 423892
334	Points of Interest - Public Infrastructure Name: Weir Location: WF15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	843	8	420518 423887
334	Points of Interest - Public Infrastructure Name: Sluice Location: WF15 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	848	8	420535 423878
335	Points of Interest - Public Infrastructure Name: Millbridge Service Station Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	959	8	420661 423911
335	Points of Interest - Public Infrastructure Name: Cooperative Group Millbridge Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	959	8	420661 423911
335	Points of Interest - Public Infrastructure Name: Co-Op Millbridge Service Station Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	959	8	420661 423911
335	Points of Interest - Public Infrastructure Name: Co-op Petrol Location: Bradford Road, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	965	8	420666 423914
335	Points of Interest - Public Infrastructure Name: BP Service Station Co-operative Group Millbridge Location: 364 Bradford Road, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	966	8	420666 423916
335	Points of Interest - Public Infrastructure Name: Texaco Location: 364 Bradford Road, Littletown, Liversedge, WF15 6JE Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	966	8	420666 423915
336	Points of Interest - Recreational and Environmental Name: Play Area Location: WF15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	472	8	419686 422783
337	Points of Interest - Recreational and Environmental Name: Play Area Location: WF15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	705	8	420570 422672
338	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	A19SW (NE)	764	8	420608 423665

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Points of Interest - Recreational and Environmental Name: Playground Location: Wharton Street, WF15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A19SW (NE)	764	8	420607 423666
339	Points of Interest - Recreational and Environmental Name: Play Area Location: WF15 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	798	8	419421 422586

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
340	Areas of Adopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: Adopted Plan Date: 1st March 1999	A13SW (W)	1	9	419971 423176
341	Areas of Unadopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Local Plan Status: Submission Draft Plan Date: 25th April 2017	A13SW (W)	1	9	419971 423176
342	Nitrate Vulnerable Zones Name: Spen Beck From Source To River Calder Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (N)	0	4	419992 423183

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Bradford Metropolitan City Council - Environmental Health Environment Agency - Head Office Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Leeds City Council - Planning and Development Wakefield City Metropolitan District Council - Environmental Health	January 2020 November 2023 October 2017 October 2017 October 2017 October 2017	Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	April 2024	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	
Integrated Pollution Controls Environment Agency - North East Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - North East Region	October 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Kirklees Metropolitan Borough Council - Environmental Health Department Wakefield City Metropolitan District Council - Environmental Health Leeds City Council - Neighbourhoods Department Bradford Metropolitan City Council - Environmental Health Calderdale Metropolitan Borough Council - Environmental Health	April 2014 December 2020 November 2012 October 2014 October 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health Wakefield City Metropolitan District Council - Environmental Health Leeds City Council - Neighbourhoods Department Bradford Metropolitan City Council - Environmental Health	April 2014 December 2020 December 2020 November 2012 October 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Kirklees Metropolitan Borough Council - Environmental Health Department Leeds City Council - Neighbourhoods Department Wakefield City Metropolitan District Council - Environmental Health Bradford Metropolitan City Council - Environmental Health Calderdale Metropolitan Borough Council - Environmental Health	April 2014 April 2021 June 2014 October 2014 October 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	March 2024	
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - North East Region Environment Agency - North West Region	March 2013 March 2013	
Registered Radioactive Substances Environment Agency - North East Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	

Agency & Hydrological	Version	Update Cycle
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2024 April 2024	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	April 2024	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified









Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	May 2024 May 2024	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	January 2023 January 2023	Quarterly Quarterly
Local Authority Landfill Coverage Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Leeds City Council - Planning and Development Wakefield City Metropolitan District Council - Environmental Health	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services Leeds City Council - Planning and Development Wakefield City Metropolitan District Council - Environmental Health	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council Bradford Metropolitan City Council - Planning Department Leeds City Council - Planning and Development Wakefield City Metropolitan District Council	August 2015 February 2016 July 2023 July 2023 July 2023	Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Kirklees Metropolitan Borough Council - Planning Services Bradford Metropolitan City Council - Planning Department Calderdale Metropolitan Borough Council Leeds City Council - Planning and Development Wakefield City Metropolitan District Council	August 2015 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2024	Quarterly
Points of Interest - Education and Health PointX	March 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2024	Quarterly
Points of Interest - Public Infrastructure PointX	March 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Bradford Metropolitan City Council Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council Leeds City Council Wakefield City Metropolitan District Council	February 2024 February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bradford Metropolitan City Council Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council Leeds City Council Wakefield City Metropolitan District Council	February 2024 February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

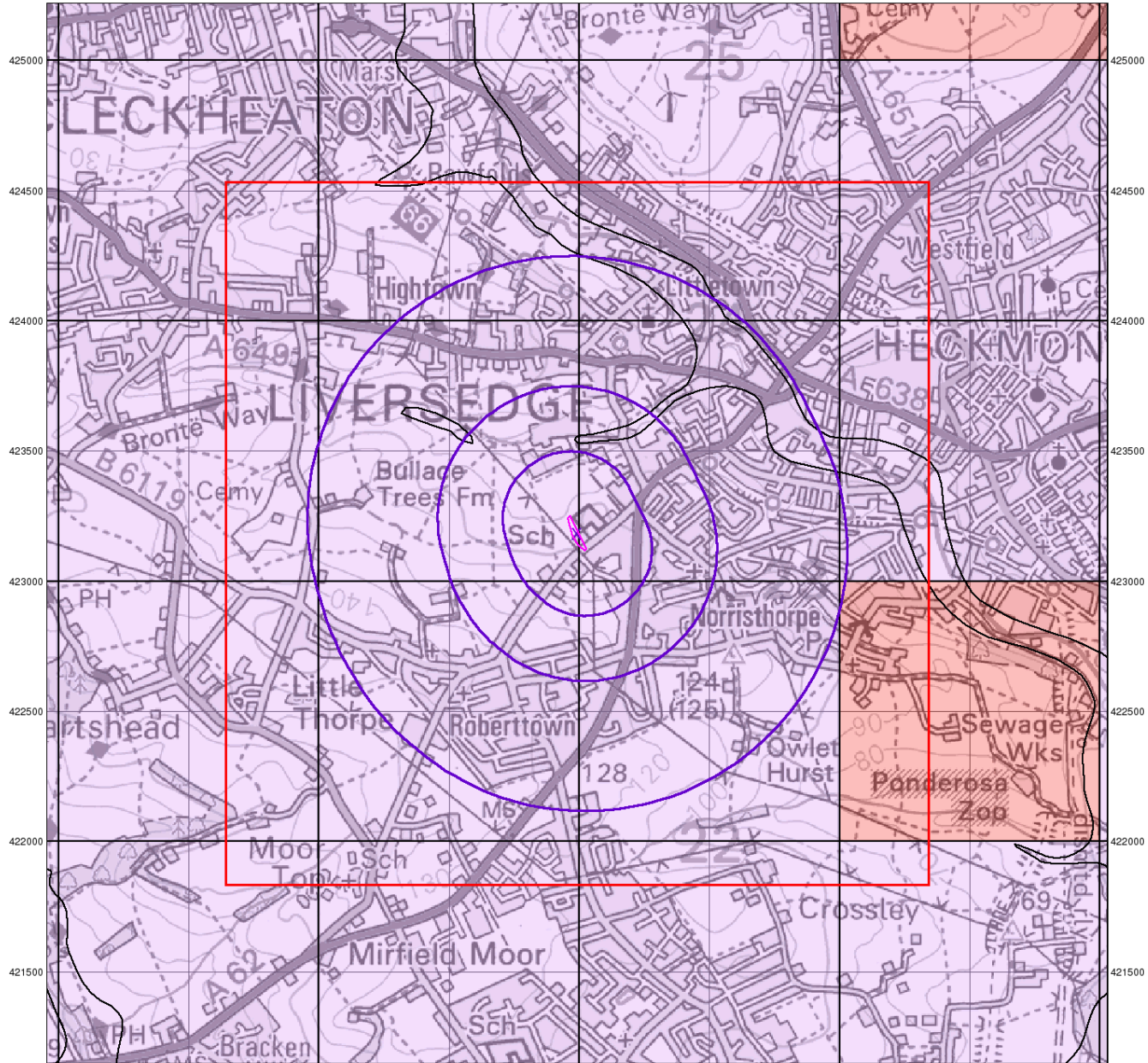
A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Kirklees Metropolitan Borough Council - Environmental Health Department West Riding House, 9 Manchester Road, Huddersfield, West Yorkshire, HD1 3HH	Telephone: 01484 221000 Email: customer.relations@kirklees.gov.uk Website: www.kirklees.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Kirklees Metropolitan Borough Council - Planning Services PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirklees.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 Website: www2.groundstability.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Kirklees Metropolitan Borough Council Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirklees.gov.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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Groundwater Vulnerability

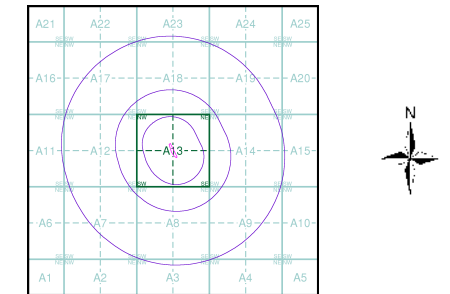
General

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

Agency and Hydrological

- | Bedrock Aquifers | Superficial Aquifers |
|---|---|
| High Vulnerability, Principal Aquifer | High Vulnerability, Principal Aquifer |
| High Vulnerability, Secondary Aquifer | High Vulnerability, Secondary Aquifer |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer | Low Vulnerability, Principal Aquifer |
| Low Vulnerability, Secondary Aquifer | Low Vulnerability, Secondary Aquifer |
| Unproductive Aquifer | |
| Soluble Rock | |

Site Sensitivity Context Map - Slice A



Order Details

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 National Grid Reference: 419990, 423180
 Slice: A
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 Search Buffer (m): 1000

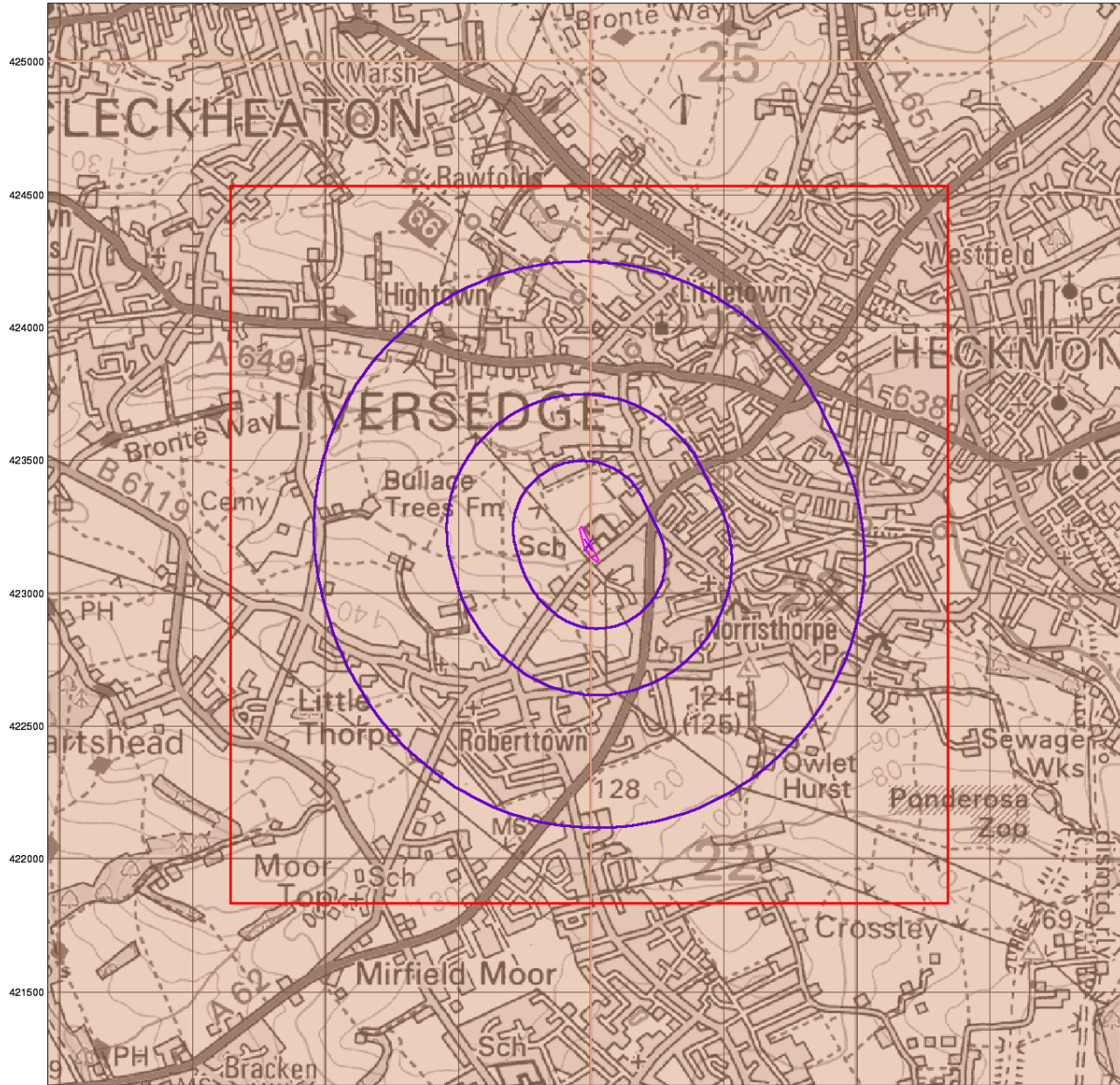
Site Details

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Bedrock Aquifer Designation

General

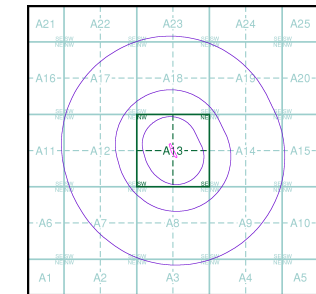
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

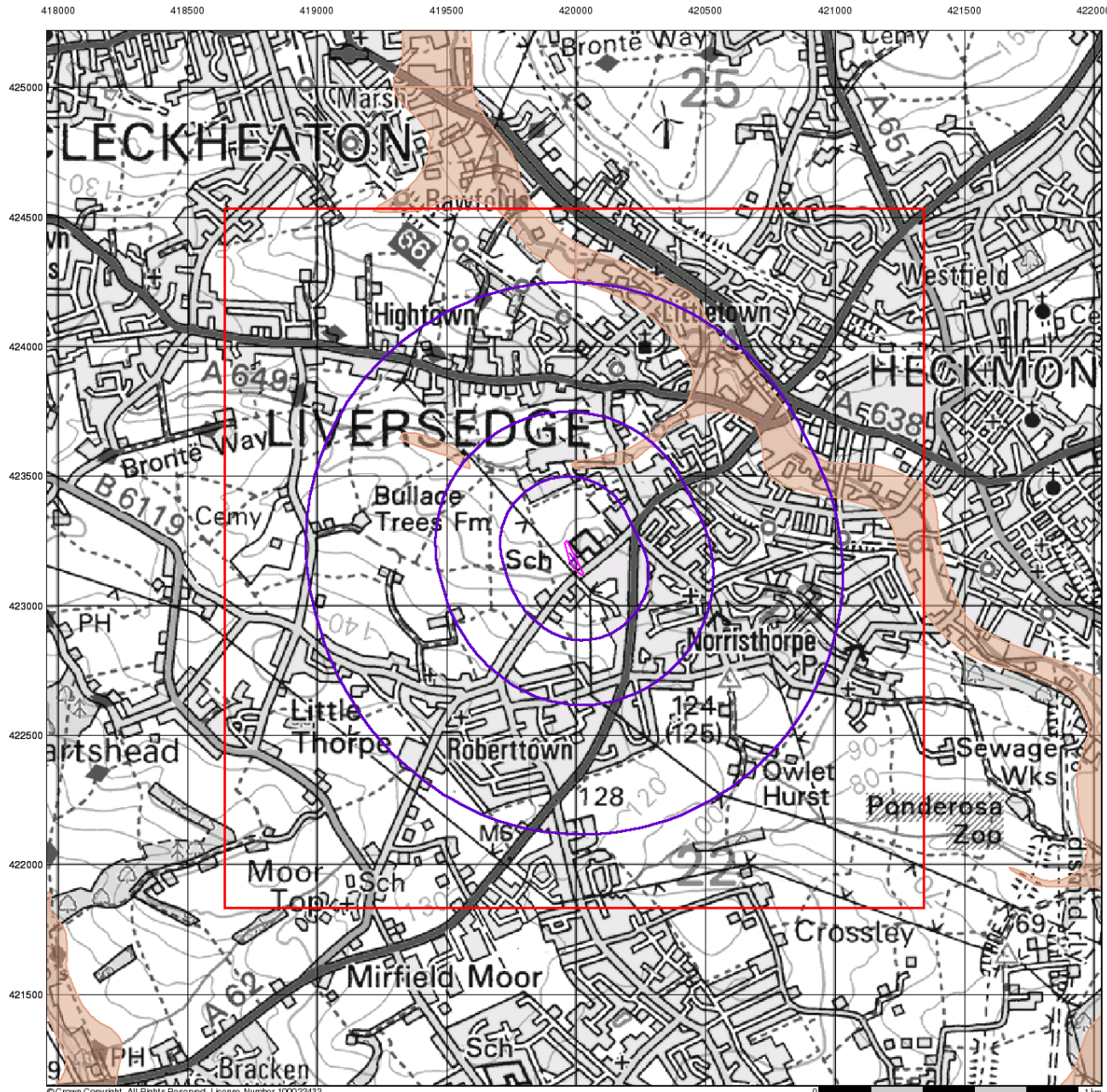
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 Search Buffer (m): 1000

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Superficial Aquifer Designation

General

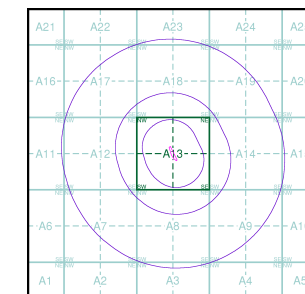
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- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

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

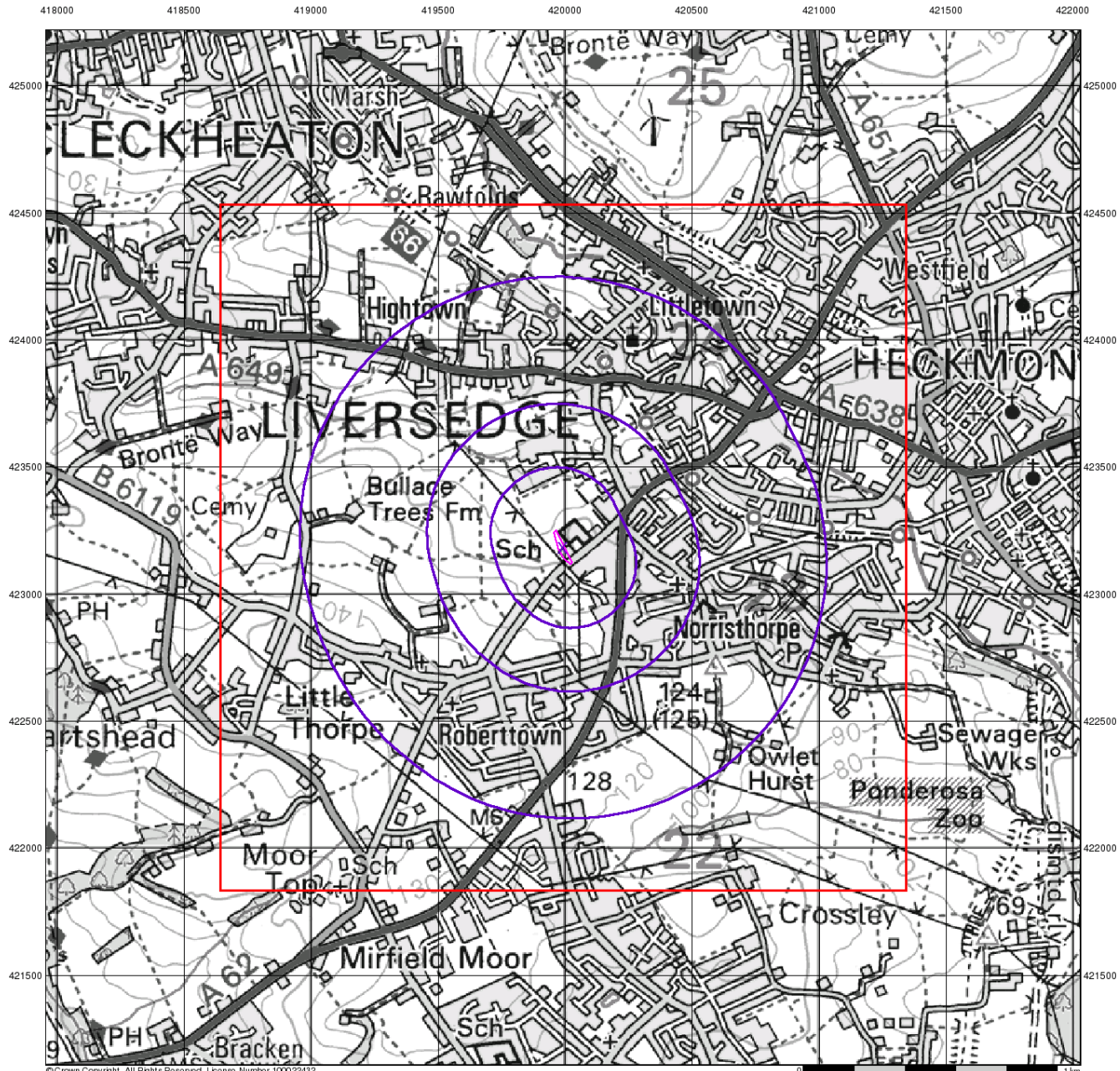
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 Customer Ref: 4503-23
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 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

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Source Protection Zones

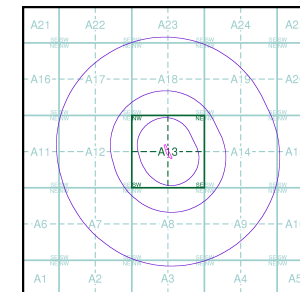
General

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

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

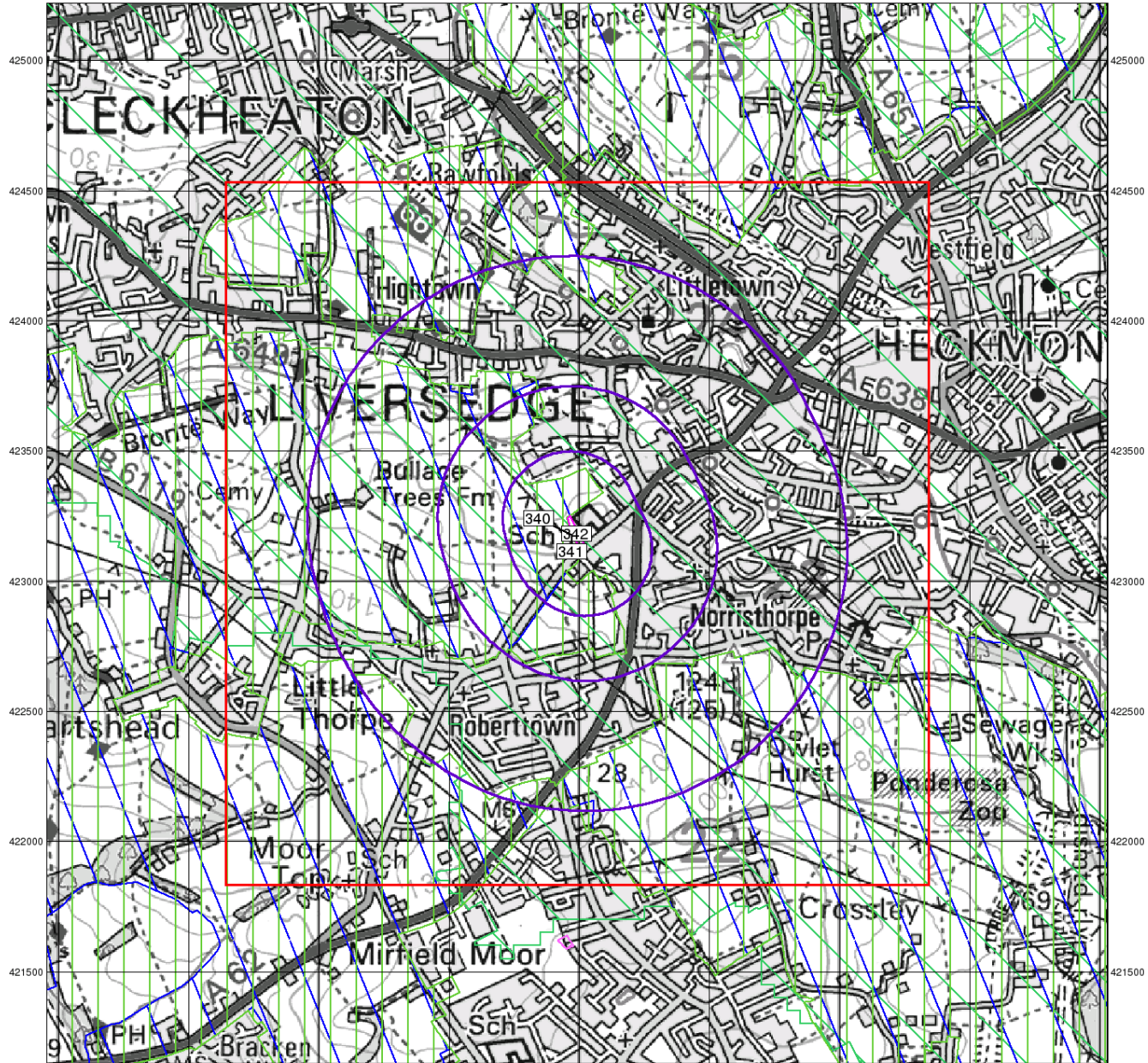
Site Details

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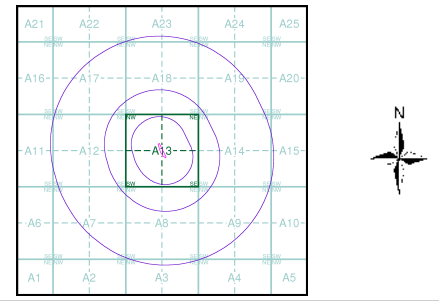
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Sensitive Land Uses

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Sensitive Land Uses**
- Ancient Woodland
 - Area of Adopted Green Belt
 - Area of Unadopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Nitrate Sensitive Area
 - Nitrate Vulnerable Zone
 - Ramsar Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area
 - World Heritage Sites

Site Sensitivity Context Map - Slice A



Order Details

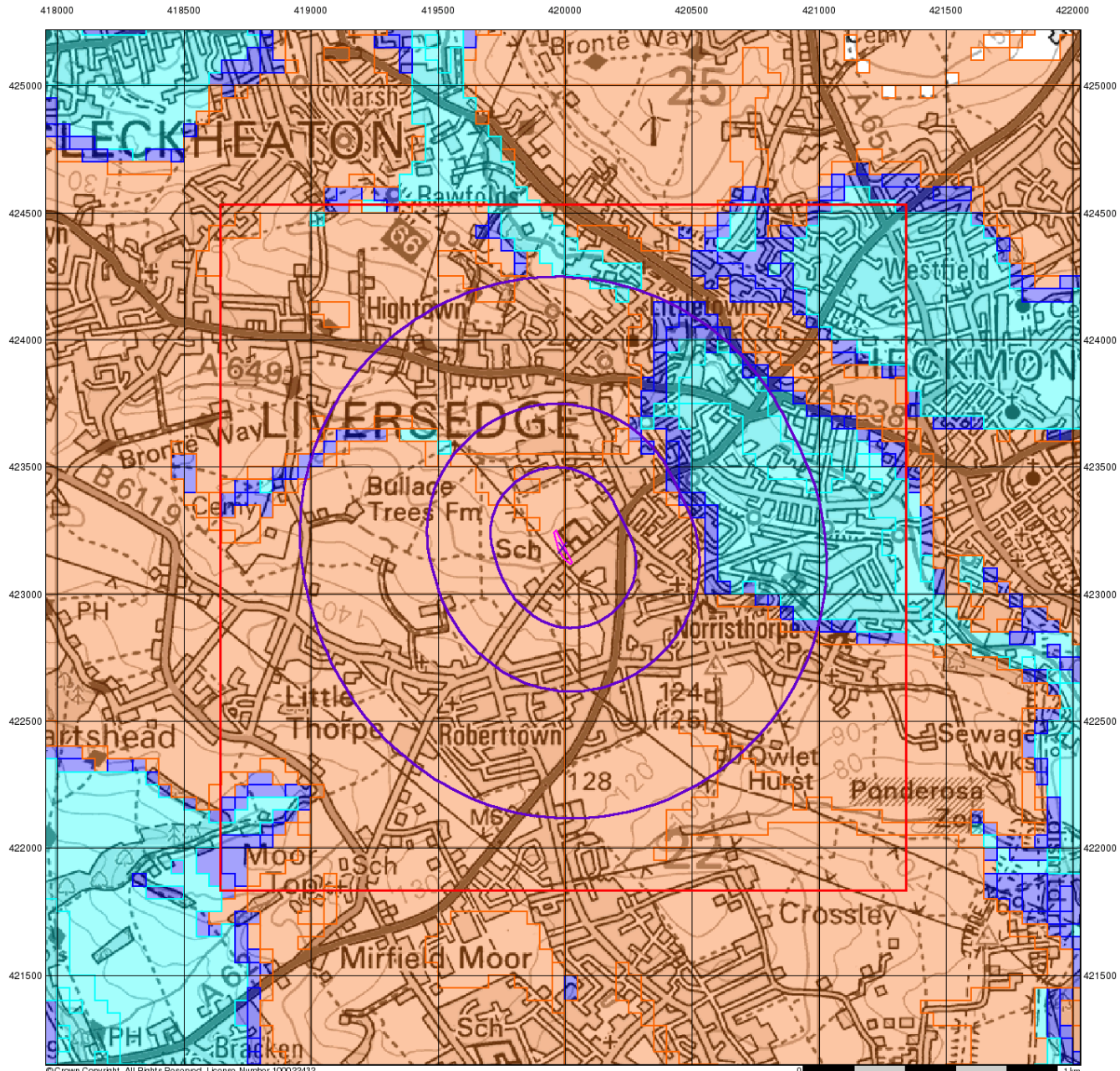
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 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

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BGS Flood GFS Data

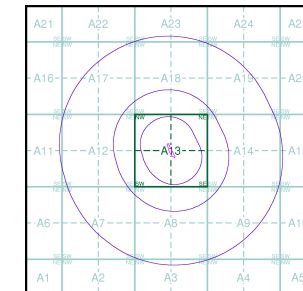
General

- 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: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

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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
- 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

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
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- 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 (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

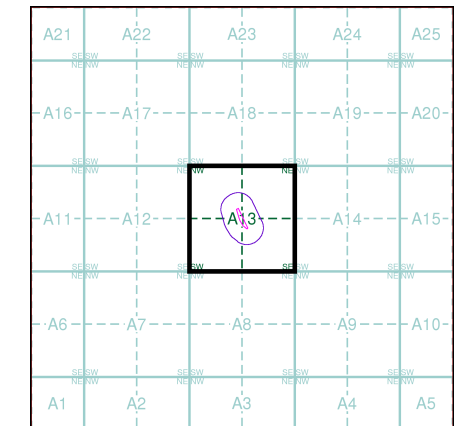
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

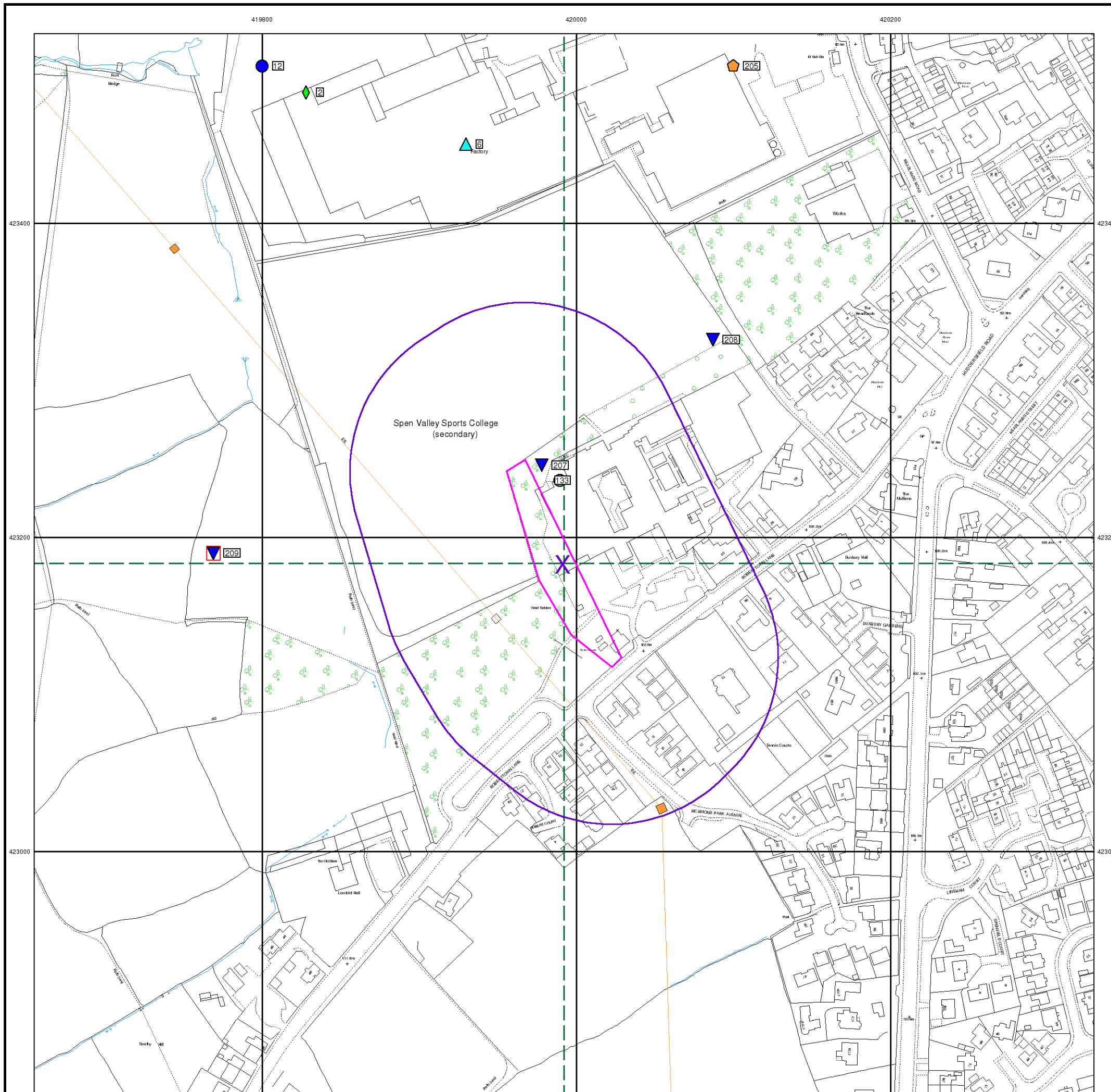


Order Details

Order Number: 347333193_1_1
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 Plot Buffer (m): 100

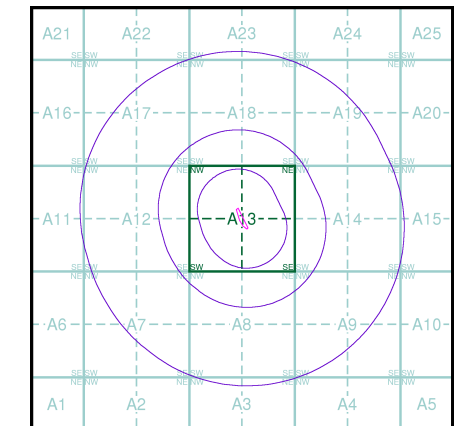
Site Details

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- 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 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
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - 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 (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

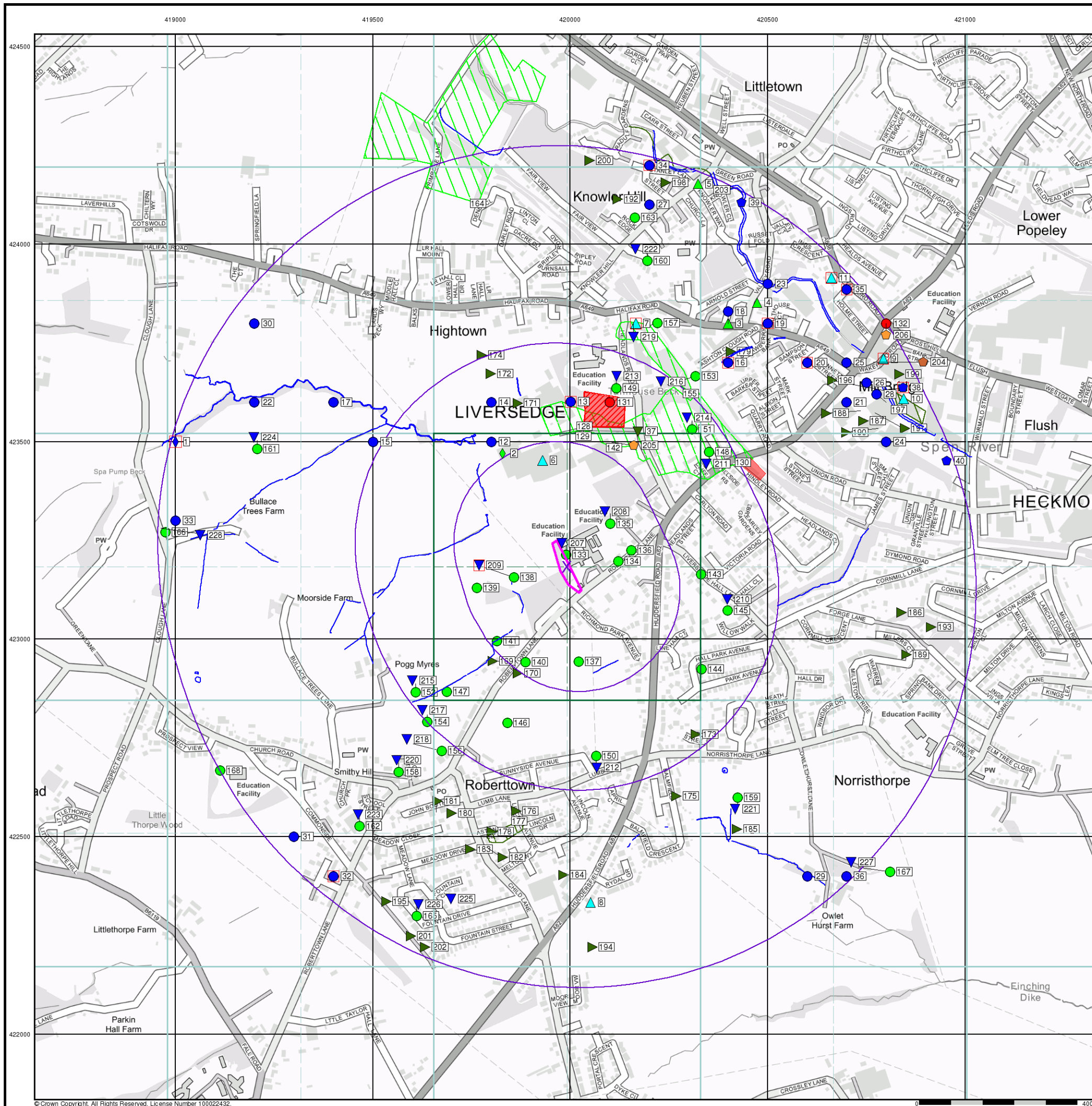


Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000






Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX












Industrial Land Use Map

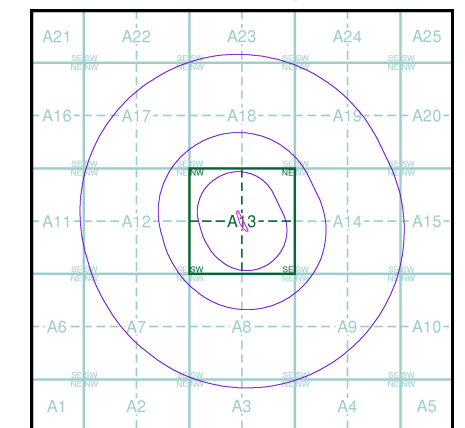
General

-  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

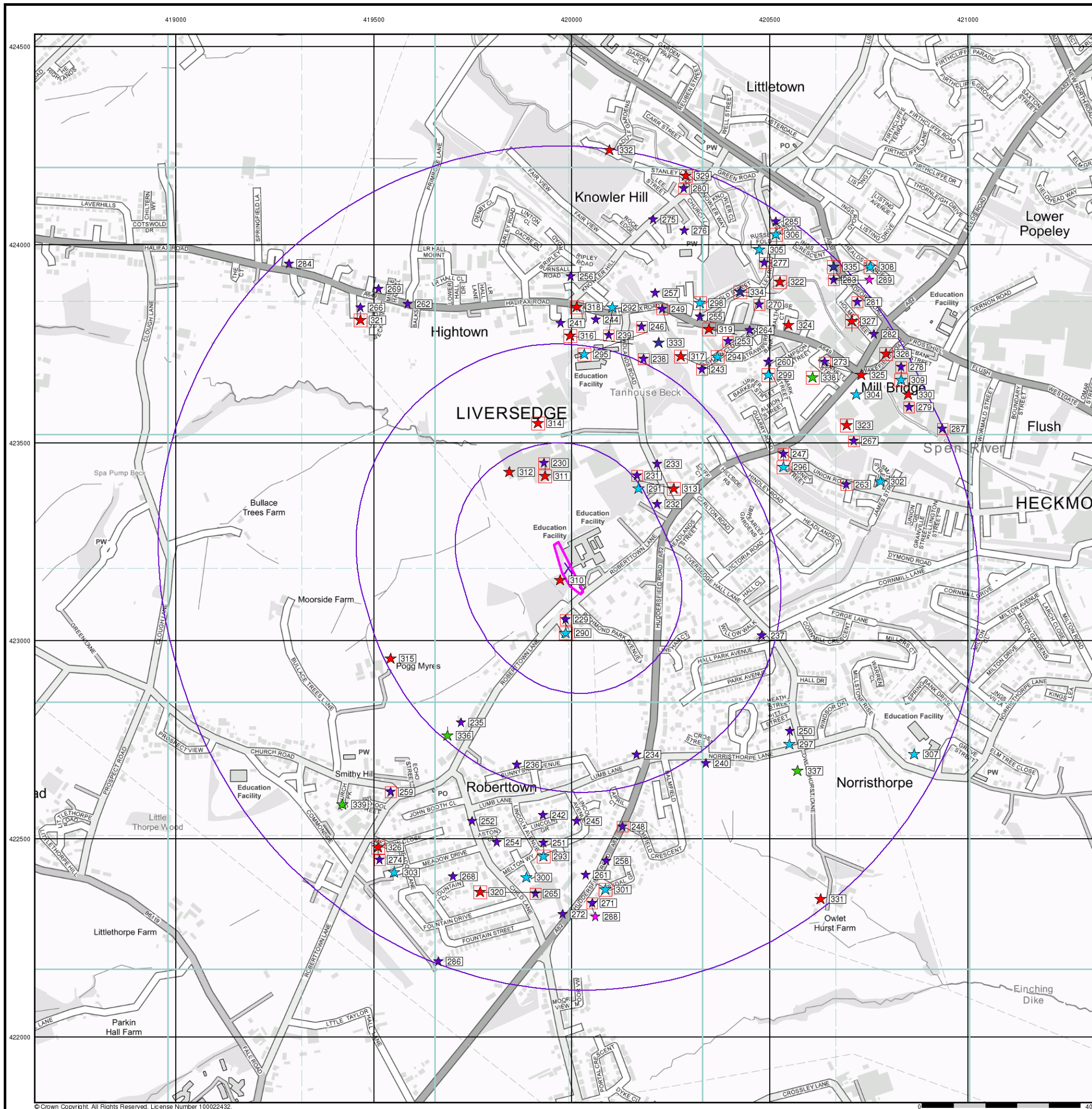


Order Details




Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details






Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



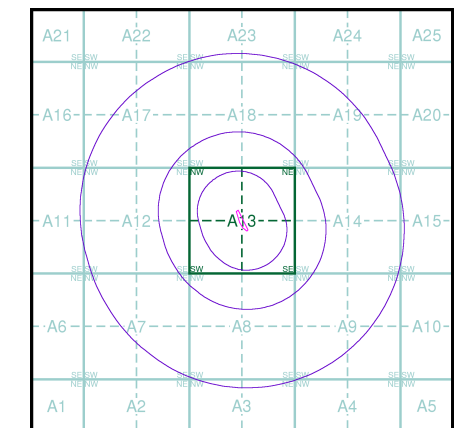
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing 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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 Slice: A
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 Search Buffer (m): 1000

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



General

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

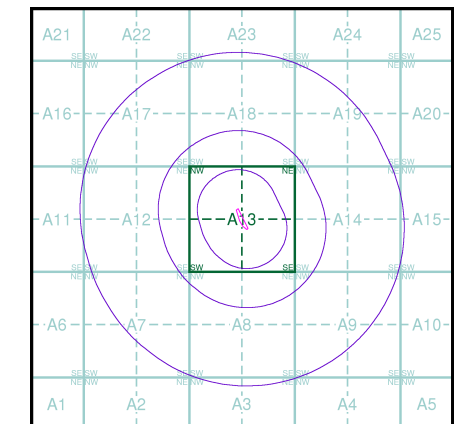
Agency and Hydrological (Boreholes)

- 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

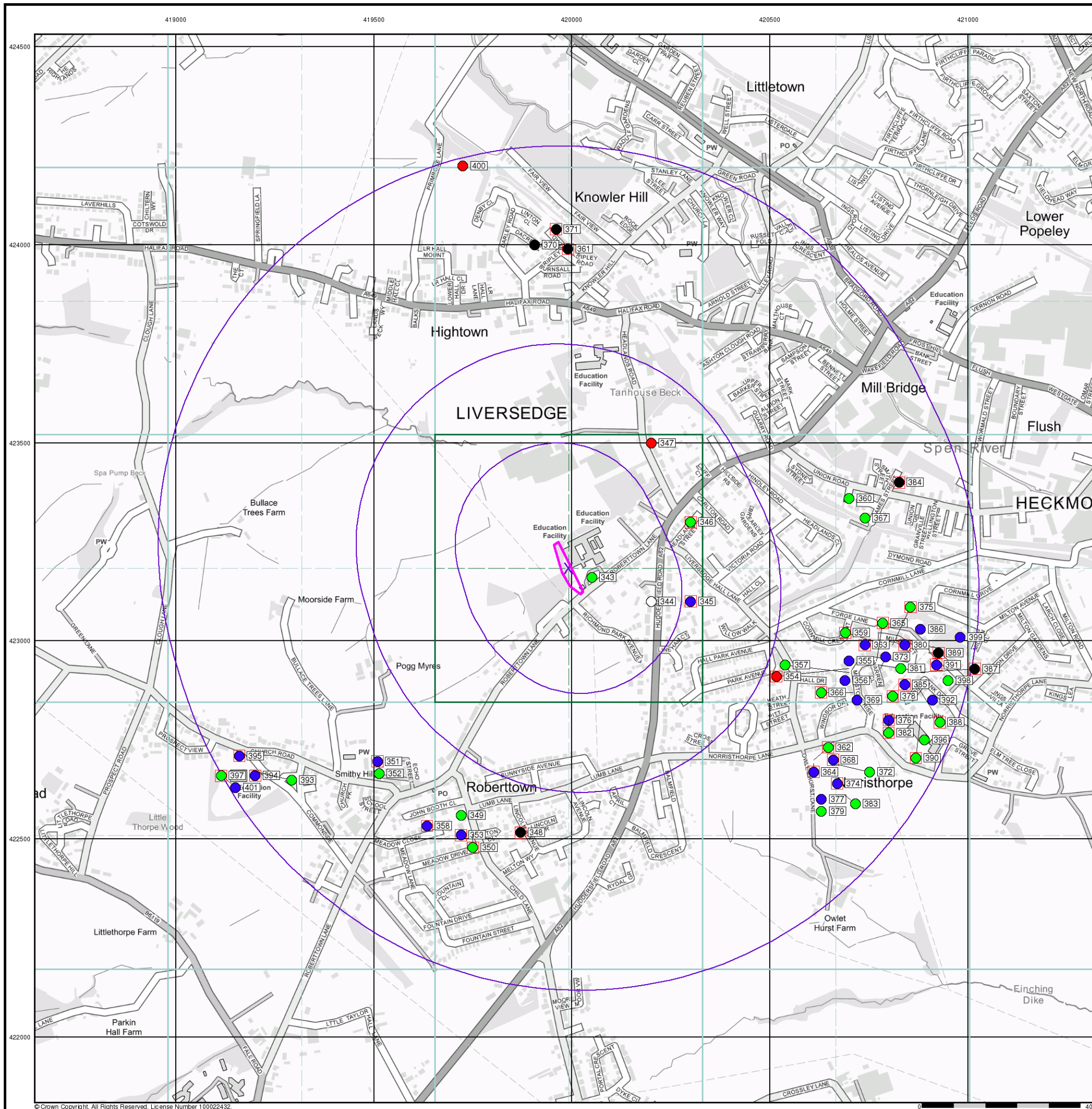


Order Details

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 Customer Ref: 4503-23
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 Site Area (Ha): 0.29
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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



General

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

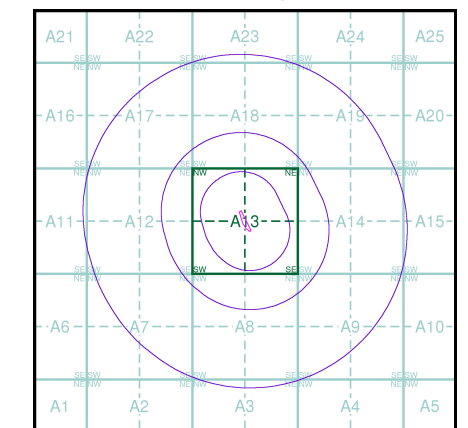
OS Water Network Data

- | | | | |
|--|--------------|--|-------------------------|
| | Canal | | Drain |
| | Reservoir | | Other |
| | Foresore | | Lake |
| | Marsh | | Transfer |
| | Tidal River | | Lock Or Flight Of Locks |
| | Inland River | | Sea |

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height 167.3
- Mean Low Water
- Mean High Water

OS Water Network Map - Slice A

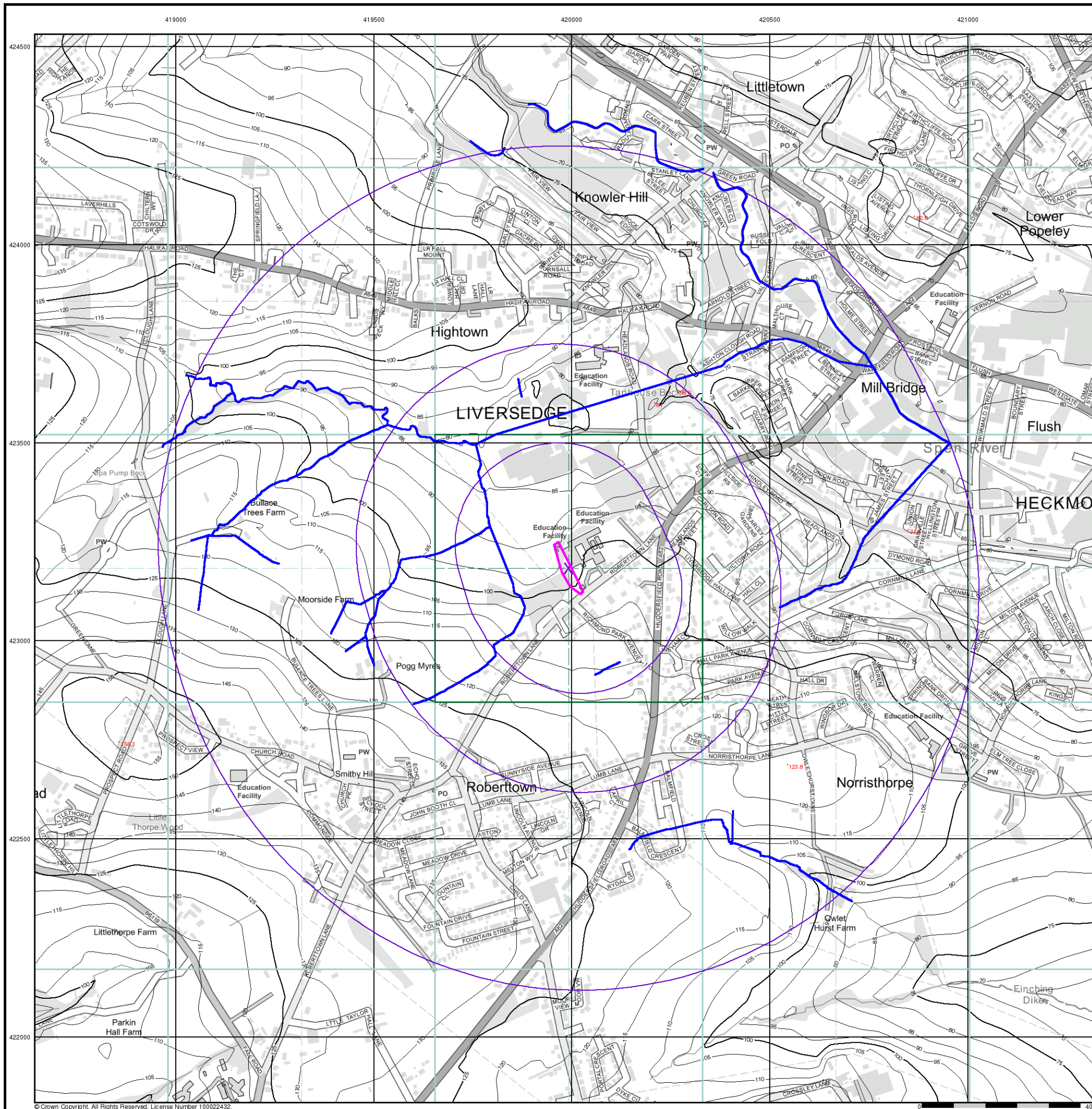


Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000




Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



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General

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

Risk of Flooding from Surface Water

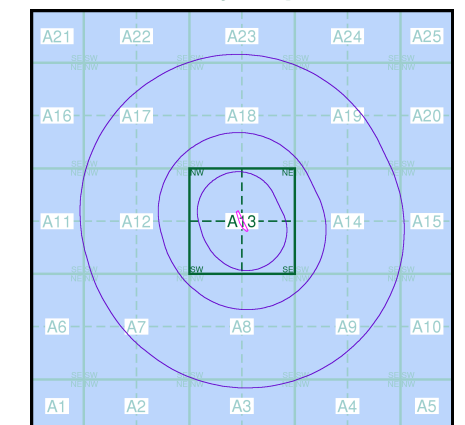
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

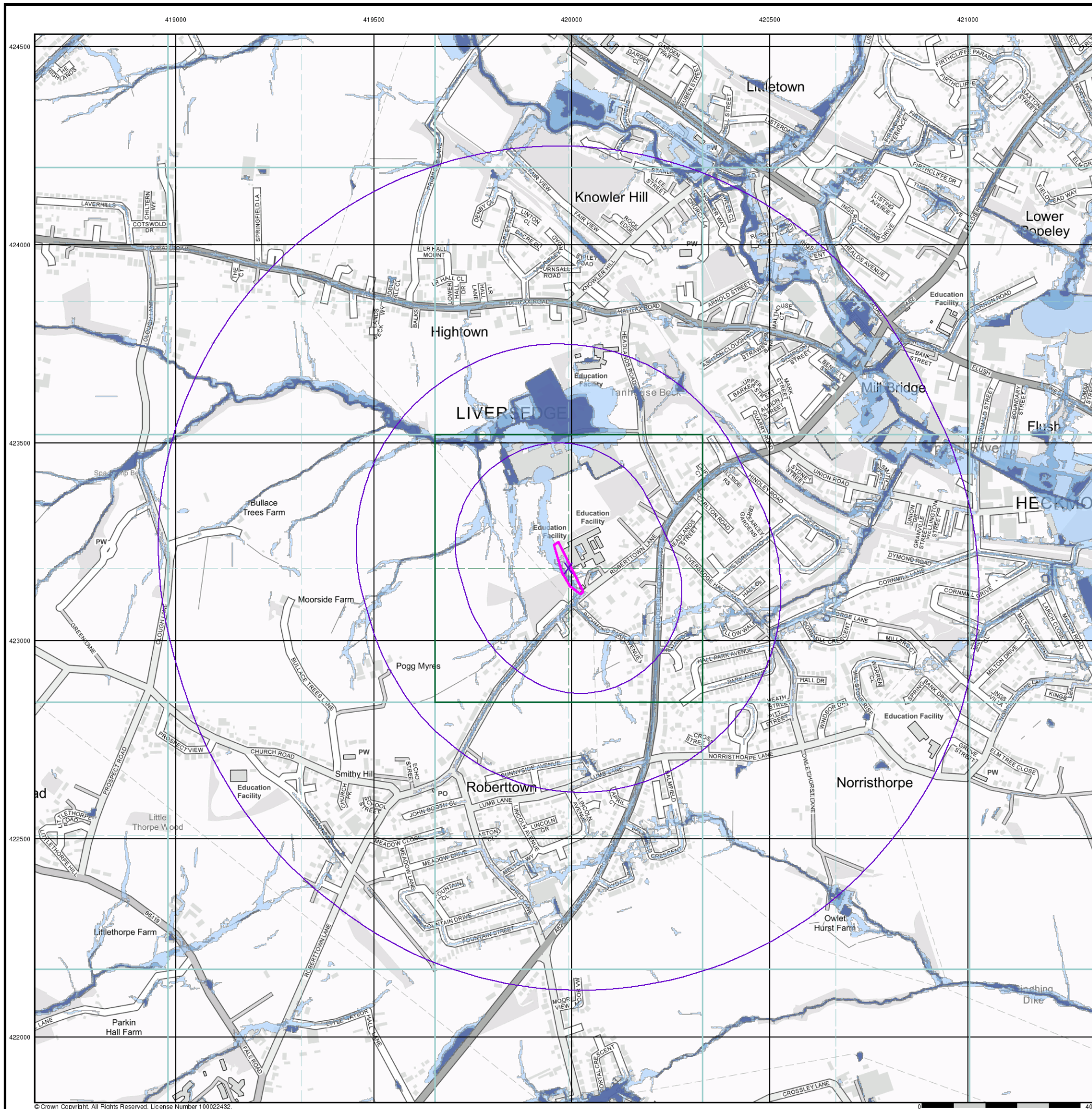


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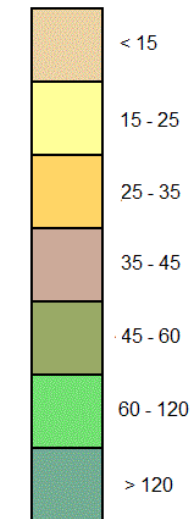


General

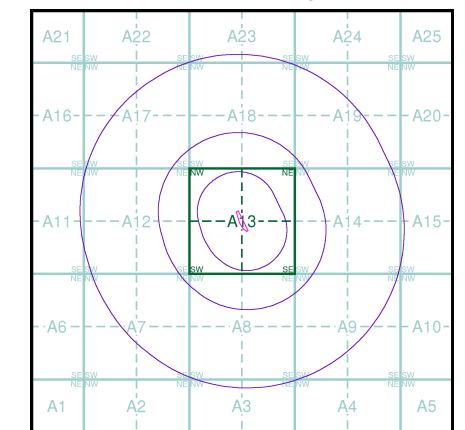
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

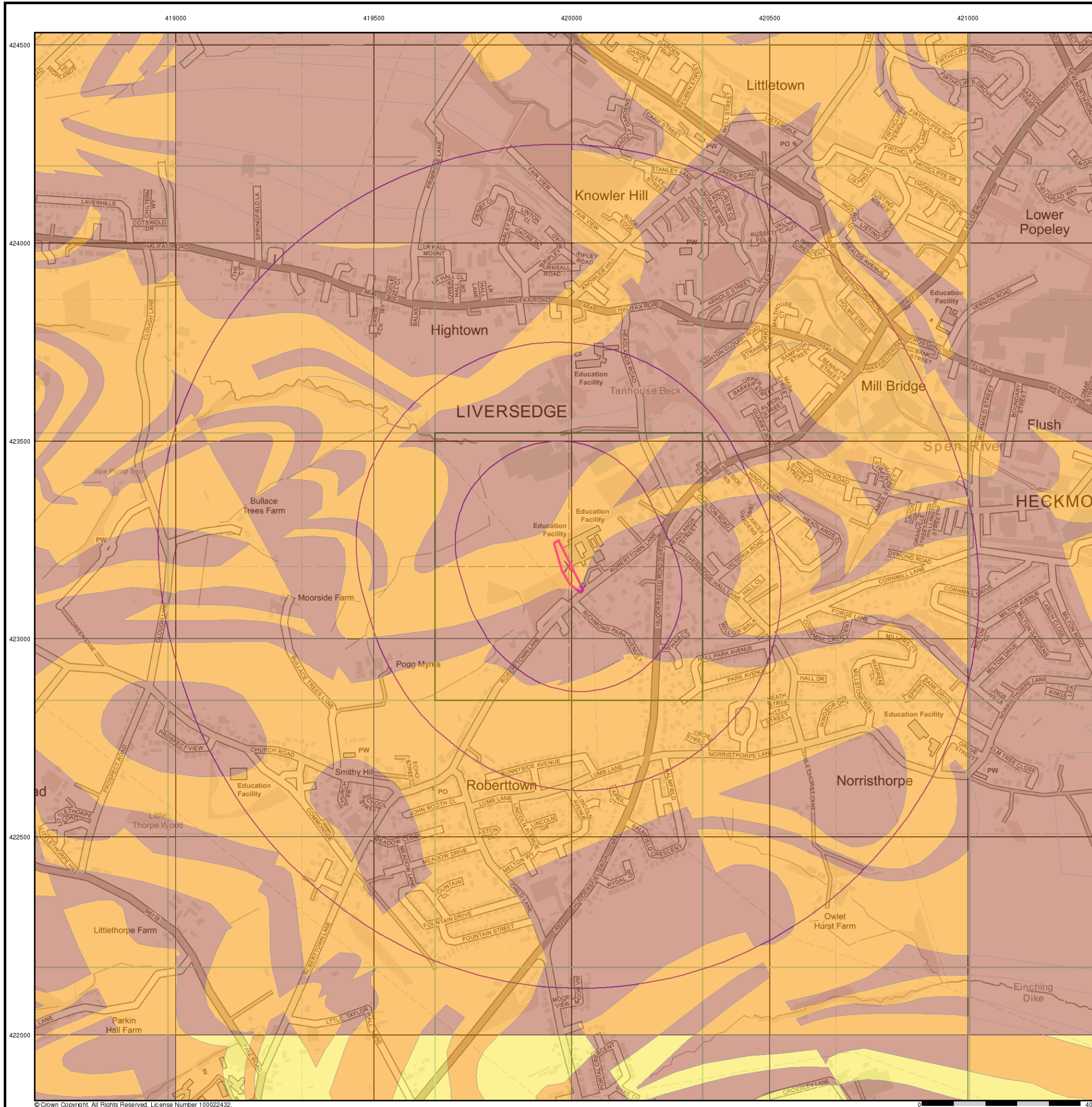


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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



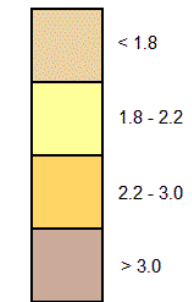
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General

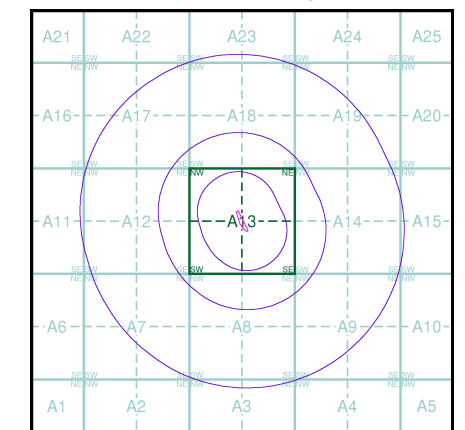
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

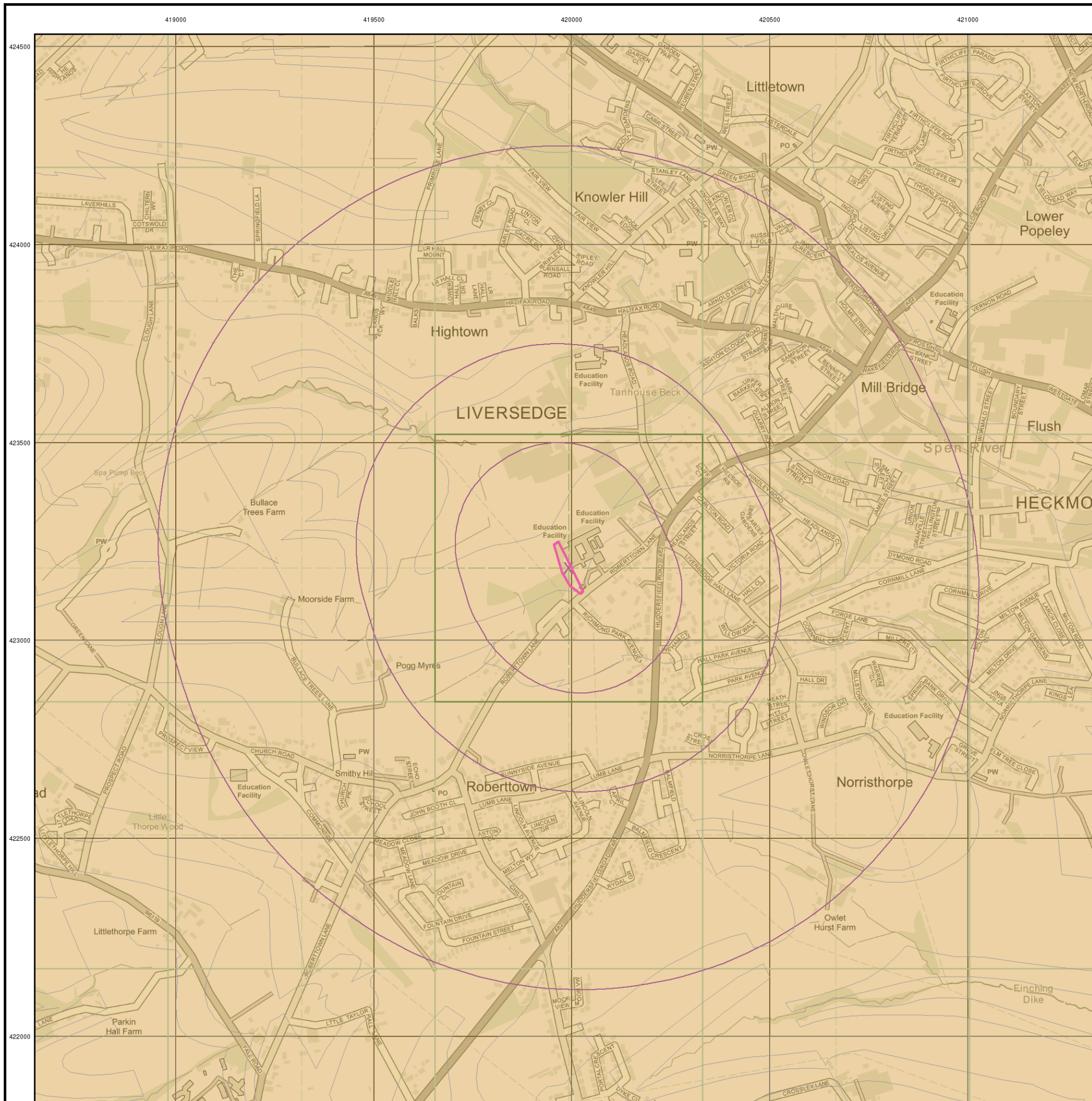


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 Slice: A
 Site Area (Ha): 0.29
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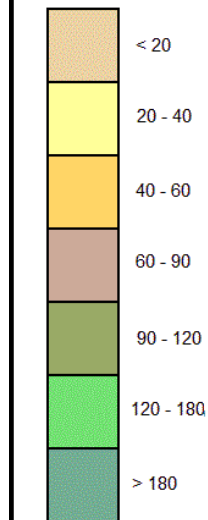


General

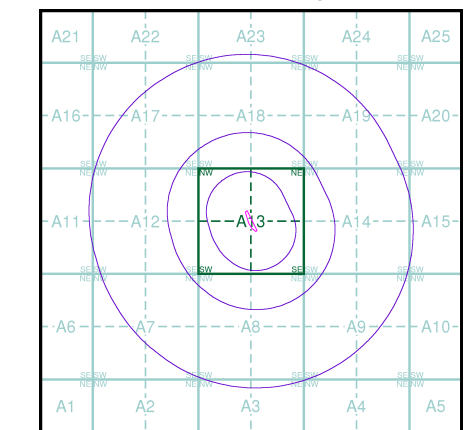
○ Specified Site
 ○ Specified Buffer(s)
 X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

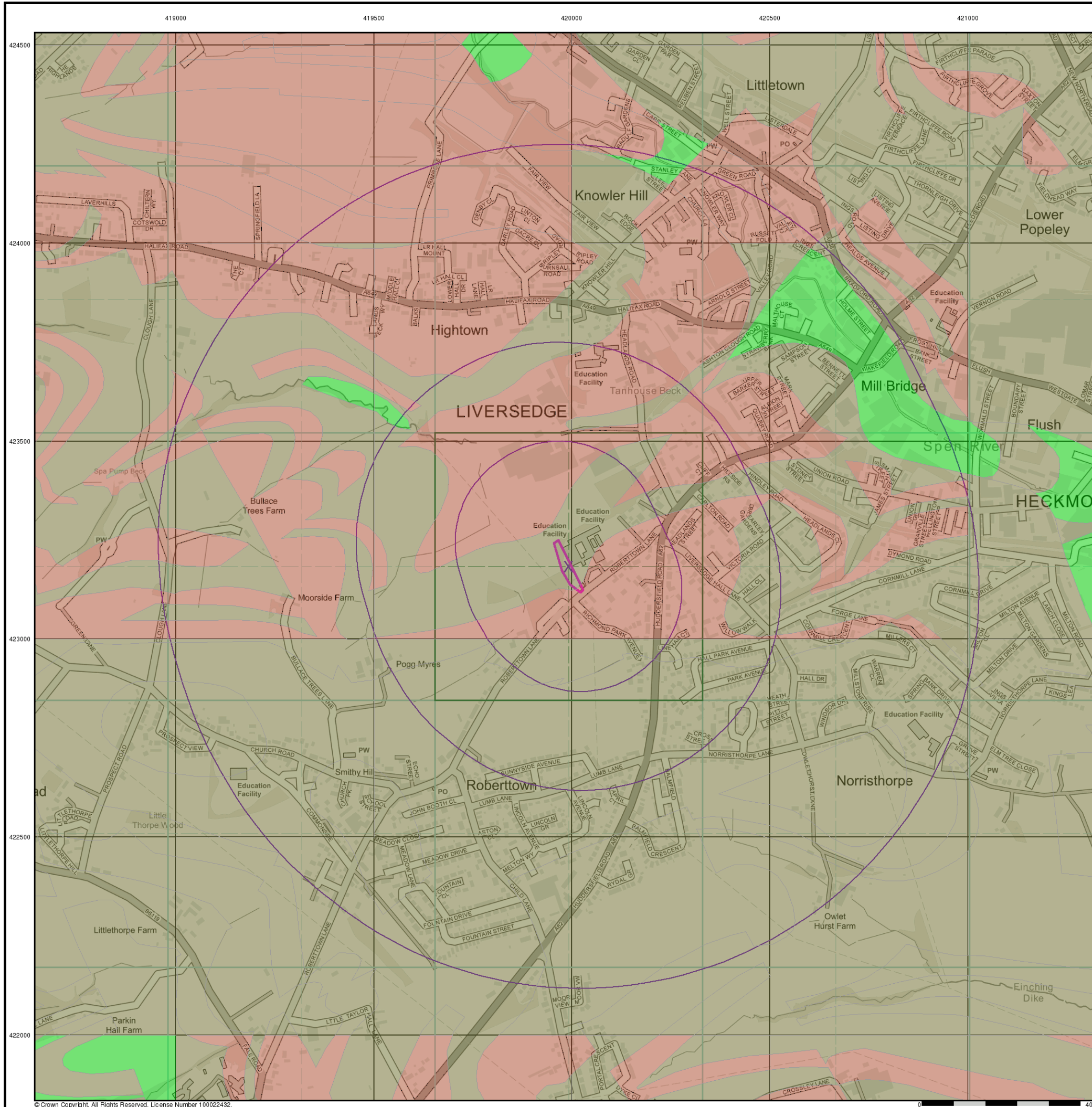


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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

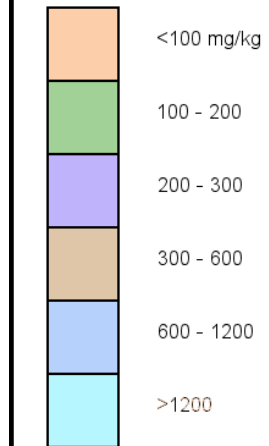


General

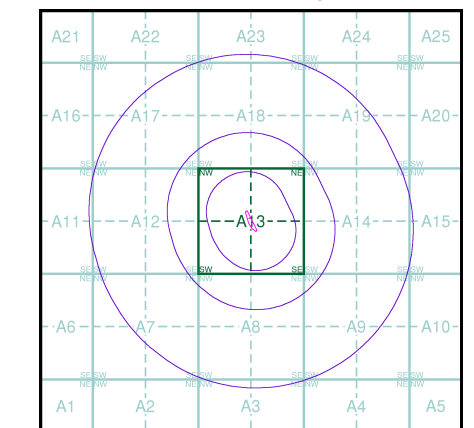
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

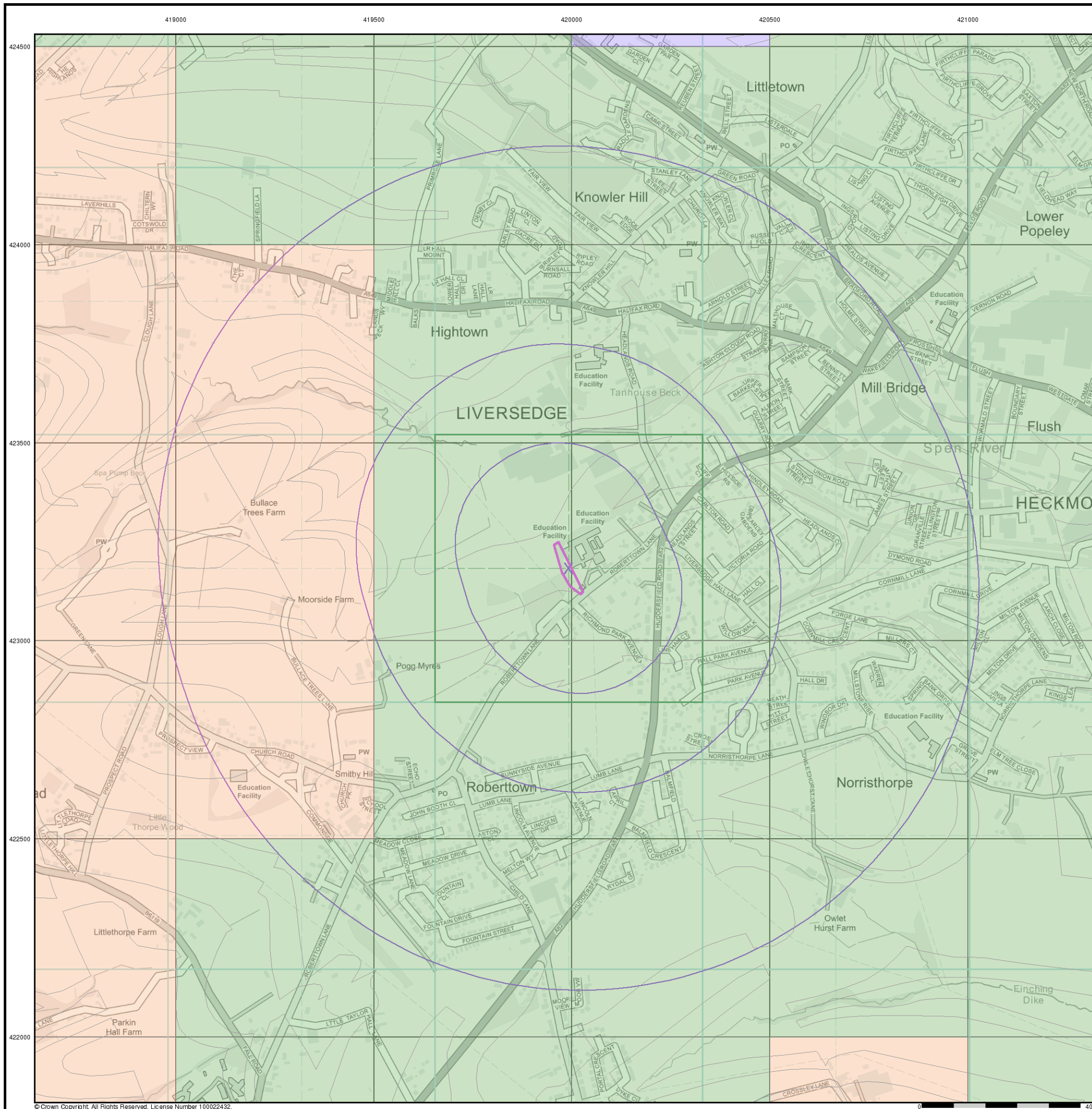


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 Slice: A
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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



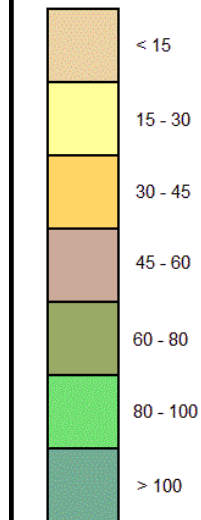
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General

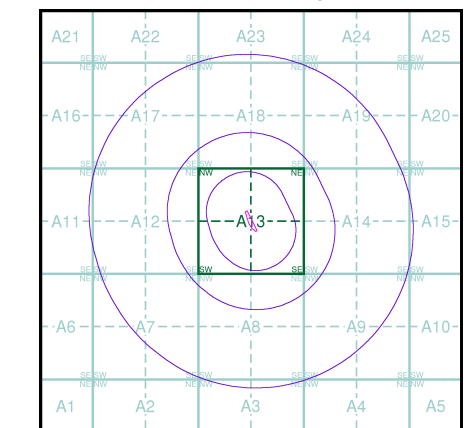
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

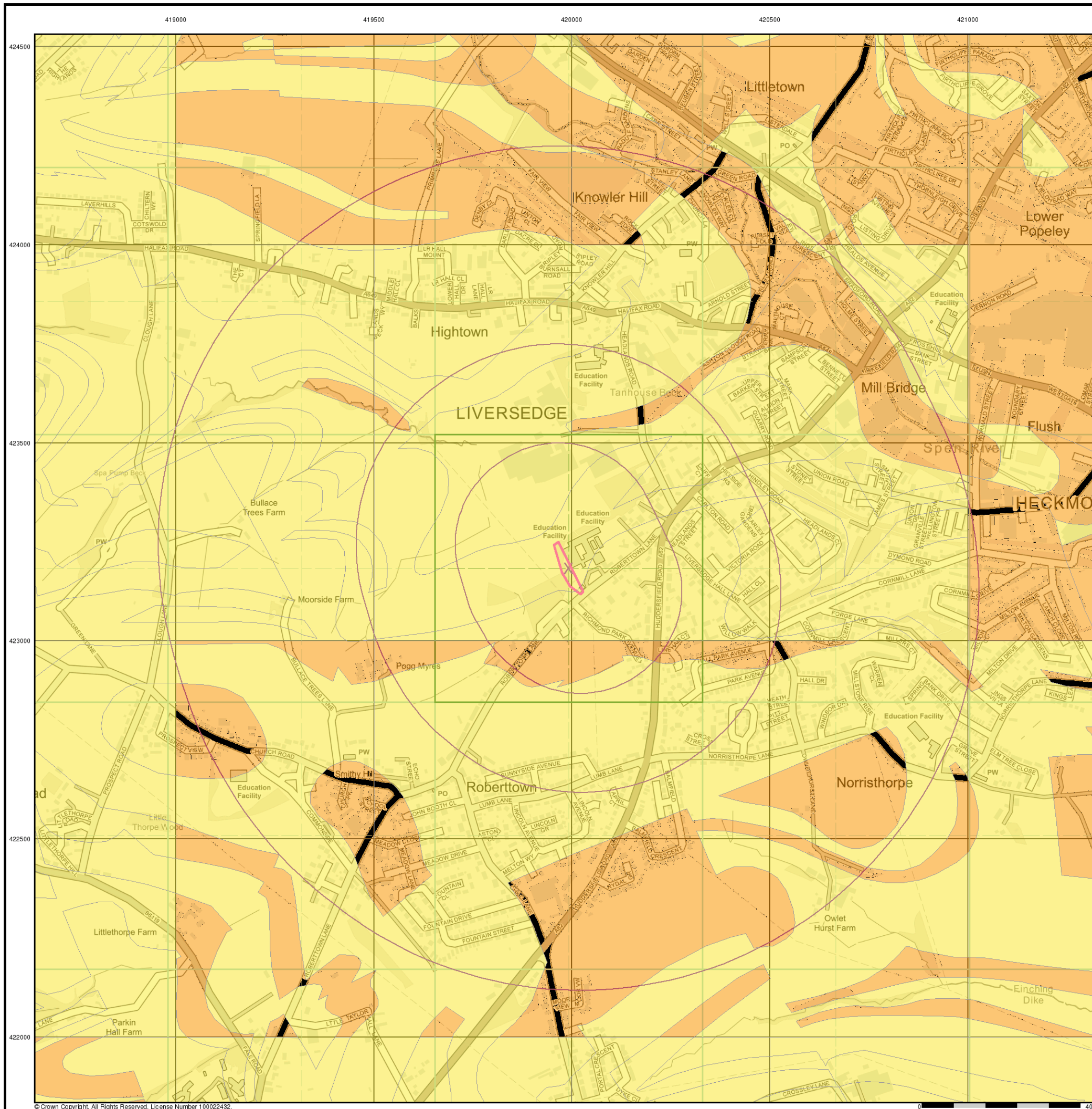


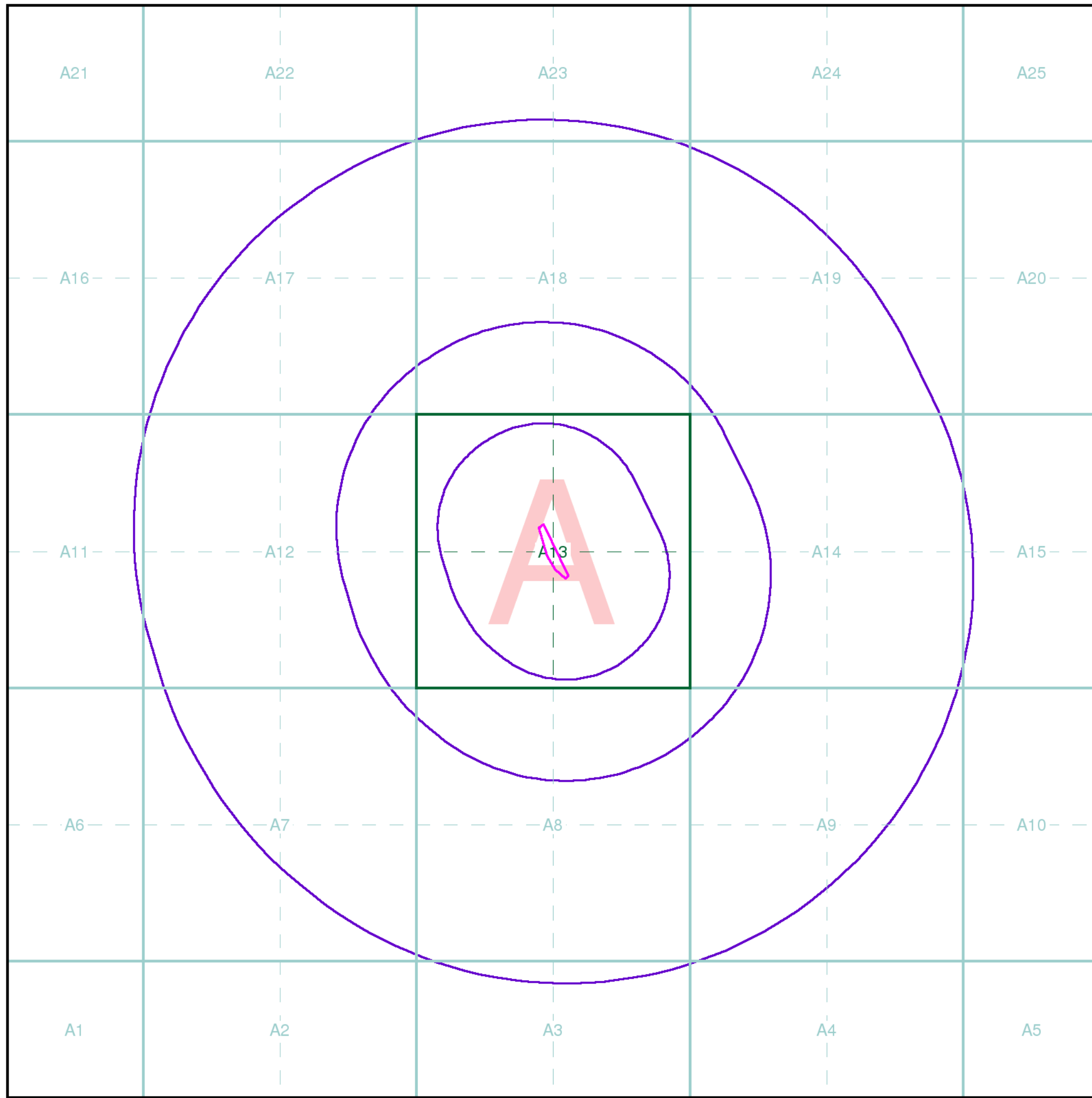
Order Details

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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX





Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Prepared For

Spn Valley High School
 Roberttown Lane
 Liversedge
 West Yorkshire
 WF15 7LX

Client Details

Mr J Fenton, GeoEnviro Solutions Ltd, Unit 7 Springvale
 Works, Brookfoot Lane, Brighouse, HD6 2RA

Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEEDGE,
 WF15 7LX

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

APPENDIX 4
HISTORICAL ORDNANCE SURVEY
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
- Coppice
- Bracken
- Heath
- Rough Grassland
- Marsh
- Reeds
- Saltings
- Building
- Glasshouse
- Sloping Masonry
- Pylon
- Electricity Transmission Line
- Pole
- Cutting
- Embankment
- 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
Shown only when not coincident with other boundaries
- Civil Parish
Shown alternately when coincidence of boundaries occurs
- BP, BS Boundary Post or Stone
- Ch Church
- CH Club House
- F E Sta Fire Engine Station
- FB Foot Bridge
- Fn Fountain
- GP Guide Post
- MP Mile Post
- MS Mile Stone
- Pol Sta Police Station
- PO Post Office
- PC Public Convenience
- PH Public House
- SB Signal Box
- Spr Spring
- TCB Telephone Call Box
- TCP Telephone Call Post
- W Well

1:10,000 Raster Mapping

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

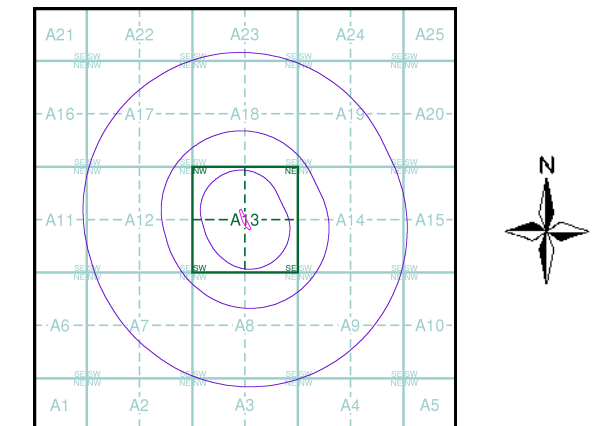
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854 - 1855	3
Yorkshire	1:10,560	1894	4
Yorkshire	1:10,560	1908	5
Yorkshire	1:10,560	1931	6
Yorkshire	1:10,560	1938	7
Yorkshire	1:10,560	1938 - 1948	8
Yorkshire	1:10,560	1948	9
Ordnance Survey Plan	1:10,000	1955 - 1956	10
Ordnance Survey Plan	1:10,000	1966 - 1967	11
Ordnance Survey Plan	1:10,000	1974 - 1977	12
Ordnance Survey Plan	1:10,000	1983 - 1988	13
Batley	1:10,000	1983	14
Huddersfield	1:10,000	1984	15
Ordnance Survey Plan	1:10,000	1989	16
10K Raster Mapping	1:10,000	2000	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2024	19

Historical Map - Slice A



Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

Landmark
 INFORMATION GROUP

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

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		Natural Gas Tank
	Tailings Pile		Fuel Storage Tanks
	Bench Mark		Drill Hole
	Burial Mound		Triangulation Point on Burial Mound
	Single-track Railroad		Double-track Railroad
	Small Bridge		Tunnel
	Pipe (Culvert)		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
180/12 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		Telegraph Office
	Telephone Station		Radio Station
	Radio Tower		Airfield or Seaplane Base
	Landing Strip		Cut
	Fill		Km Post
	Plantings		Width of Road
	Steep Grade		Highway under Construction
	Improved Dirt Road (former truck road)		Small Bridge
	Pipe (Culvert)		Tunnel
	Dismantled Railroad		Double-track Railroad with First Class Station
	Railroad Under Construction		Shore Embankment
	River or Ditch with Embankment		Water Gauge
	Direction and velocity of current		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

SE12SE_Batley

No.	Description
8	Tannery
22	Post Office

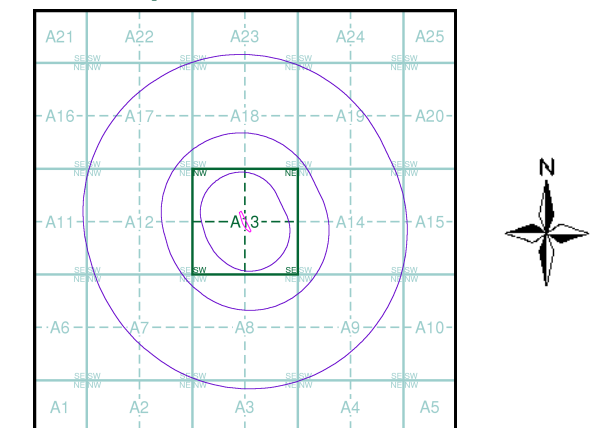
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Russian Map - Slice A



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Landmark
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Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **Sl** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

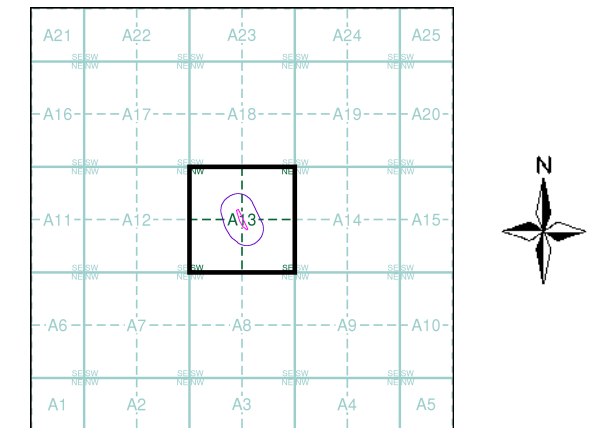
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1893 - 1894	2
Yorkshire	1:2,500	1907	3
Yorkshire	1:2,500	1922	4
Yorkshire	1:2,500	1933 - 1938	5
Ordnance Survey Plan	1:1,250	1957 - 1958	6
Ordnance Survey Plan	1:2,500	1958	7
Ordnance Survey Plan	1:1,250	1968 - 1976	8
Ordnance Survey Plan	1:2,500	1971	9
Supply of Unpublished Survey Information	1:1,250	1974 - 1975	10
Additional SIMs	1:1,250	1977 - 1985	11
Additional SIMs	1:1,250	1984 - 1990	12
Ordnance Survey Plan	1:1,250	1989	13
Large-Scale National Grid Data	1:1,250	1992 - 1993	14
Large-Scale National Grid Data	1:1,250	1993 - 1994	15
Large-Scale National Grid Data	1:1,250	1996	16
Historical Aerial Photography	1:2,500	1999	17

Historical Map - Segment A13



Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 100

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

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Yorkshire

Published 1854 - 1855

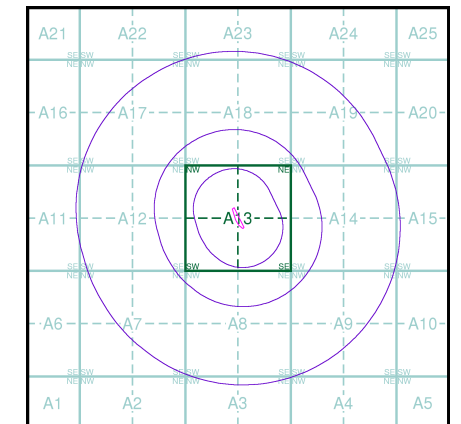
Source map scale - 1:10,560

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)

23200	1854	1:10,560
24700	1855	1:10,560

Historical Map - Slice A

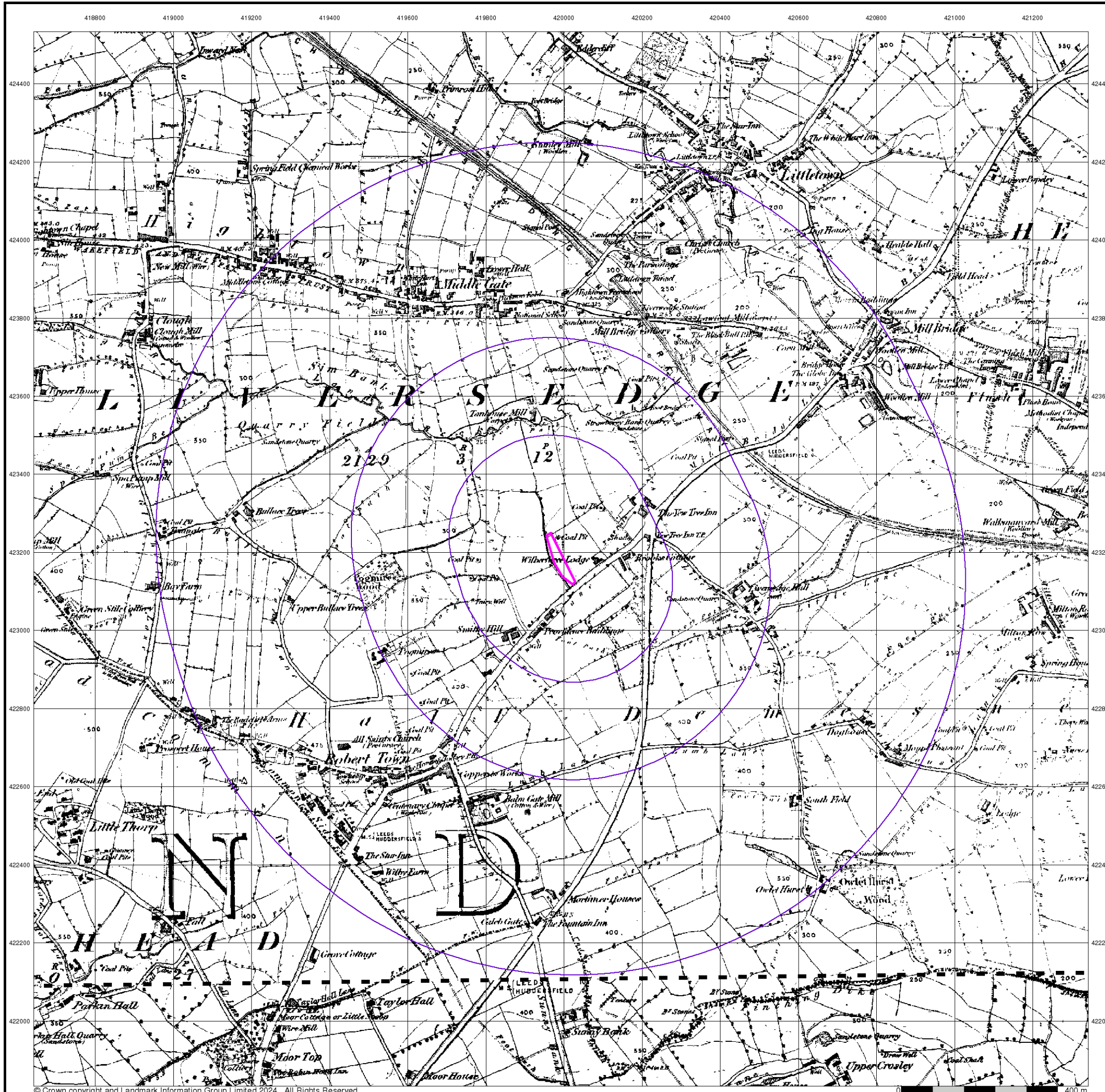


Order Details

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 Search Buffer (m): 1000

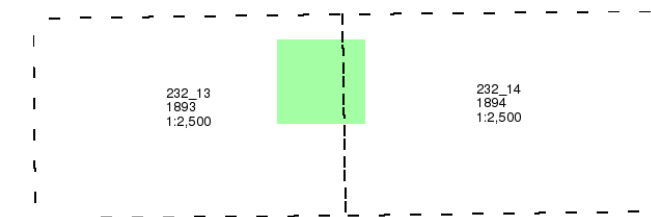
Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

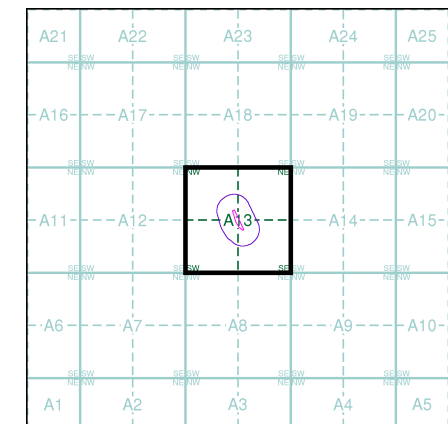


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

Map Name(s) and Date(s)



Historical Map - Segment A13

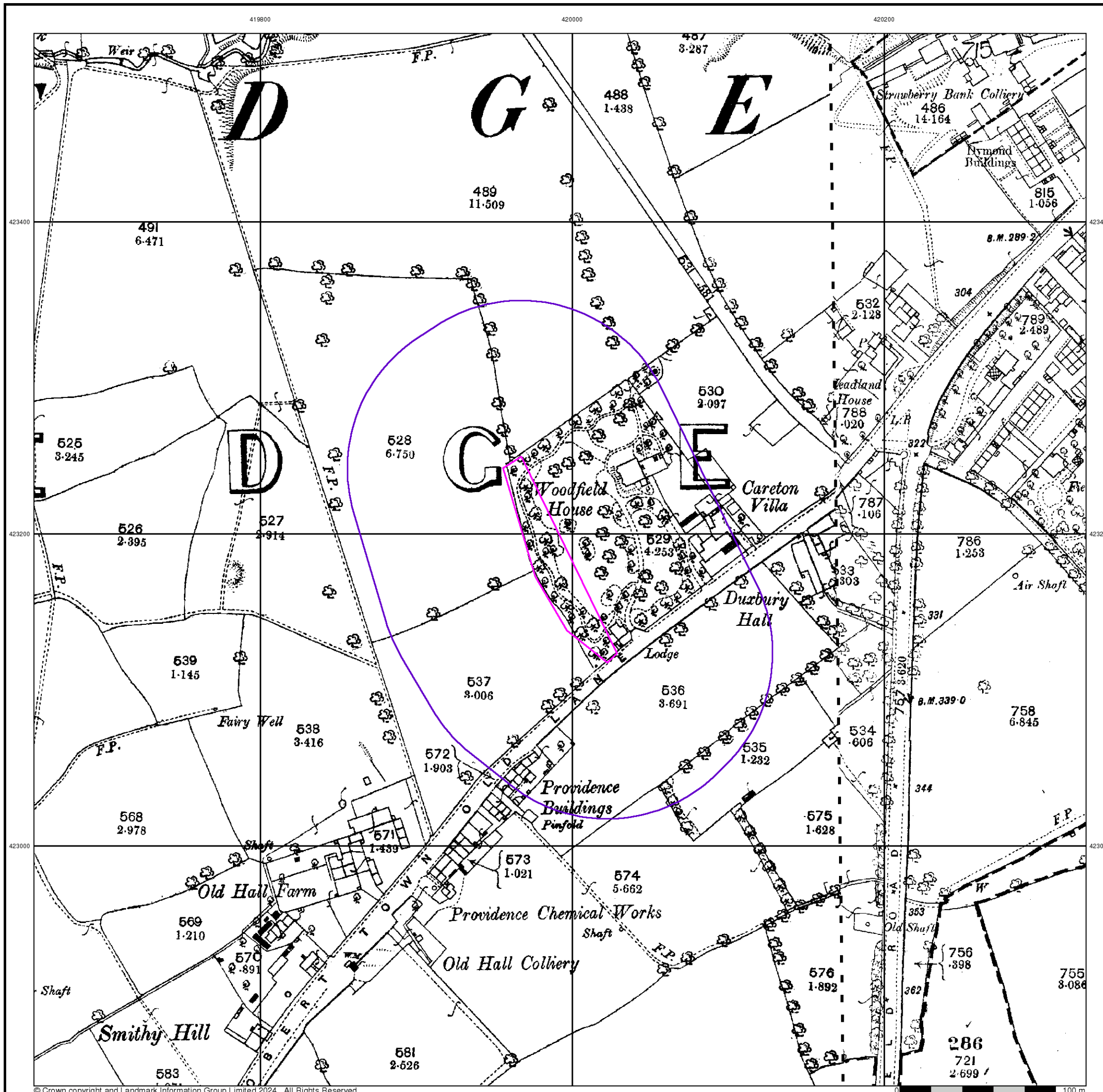


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 Search Buffer (m): 100

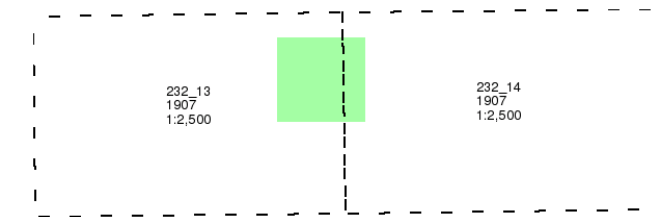
Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

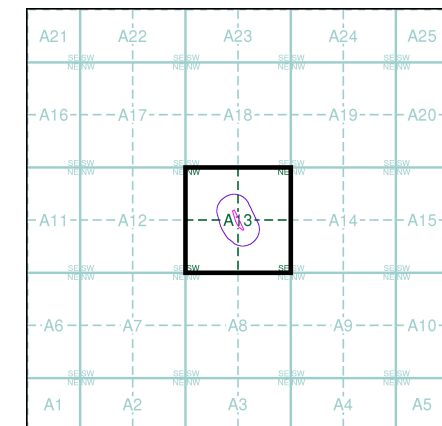


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

Map Name(s) and Date(s)



Historical Map - Segment A13

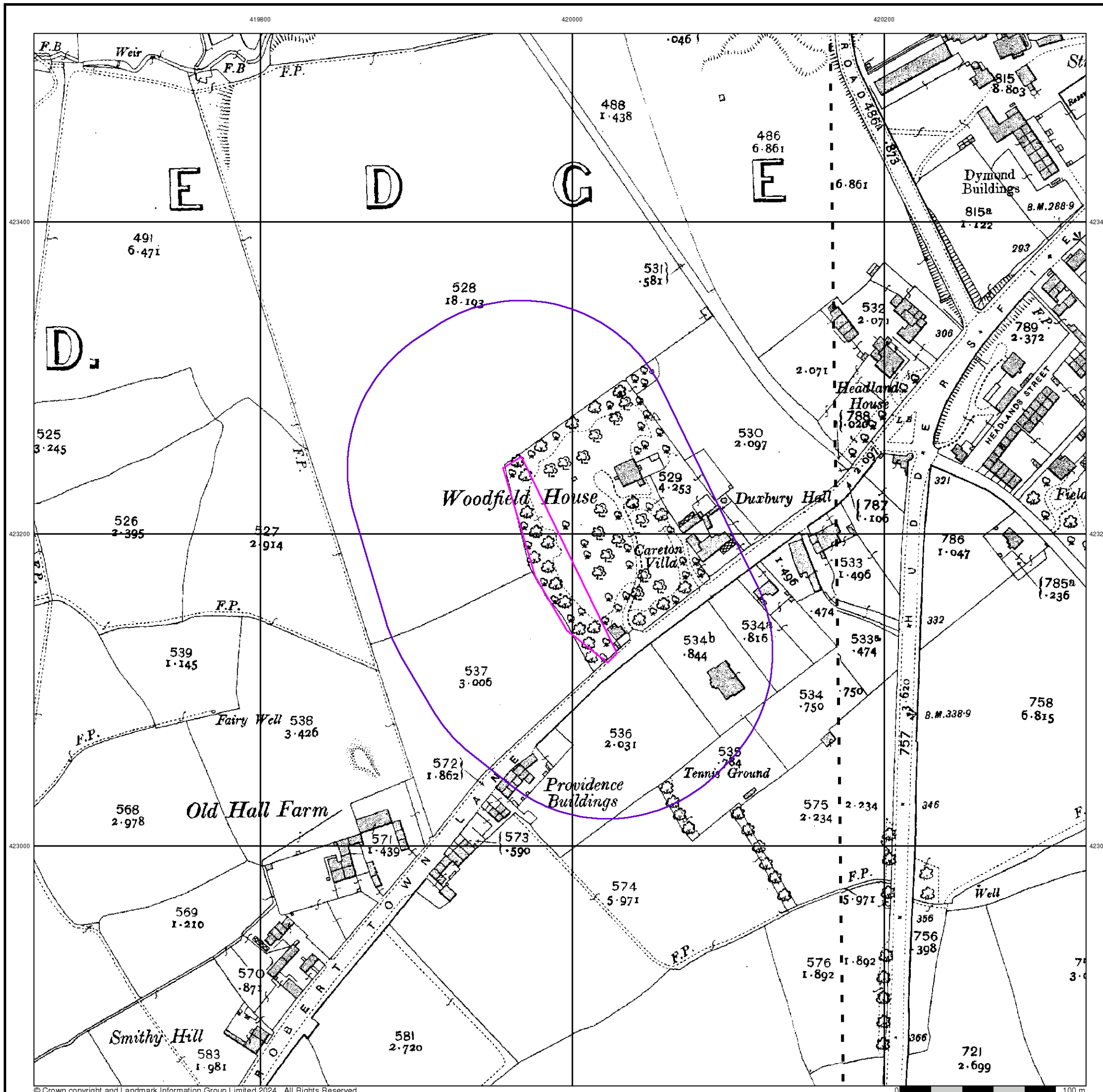


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 National Grid Reference: 419990, 423180
 Slice: A
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 Search Buffer (m): 100

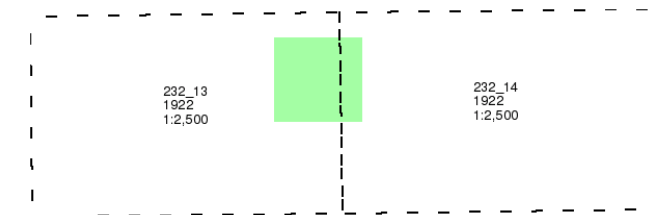
Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

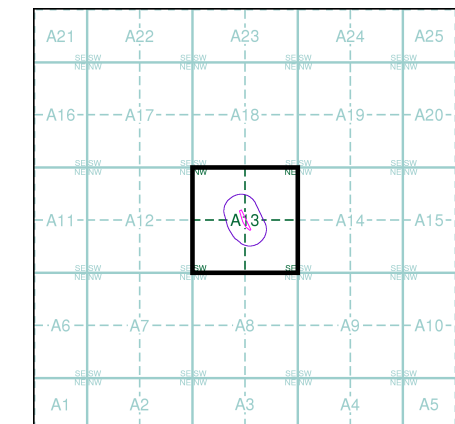


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

Map Name(s) and Date(s)



Historical Map - Segment A13

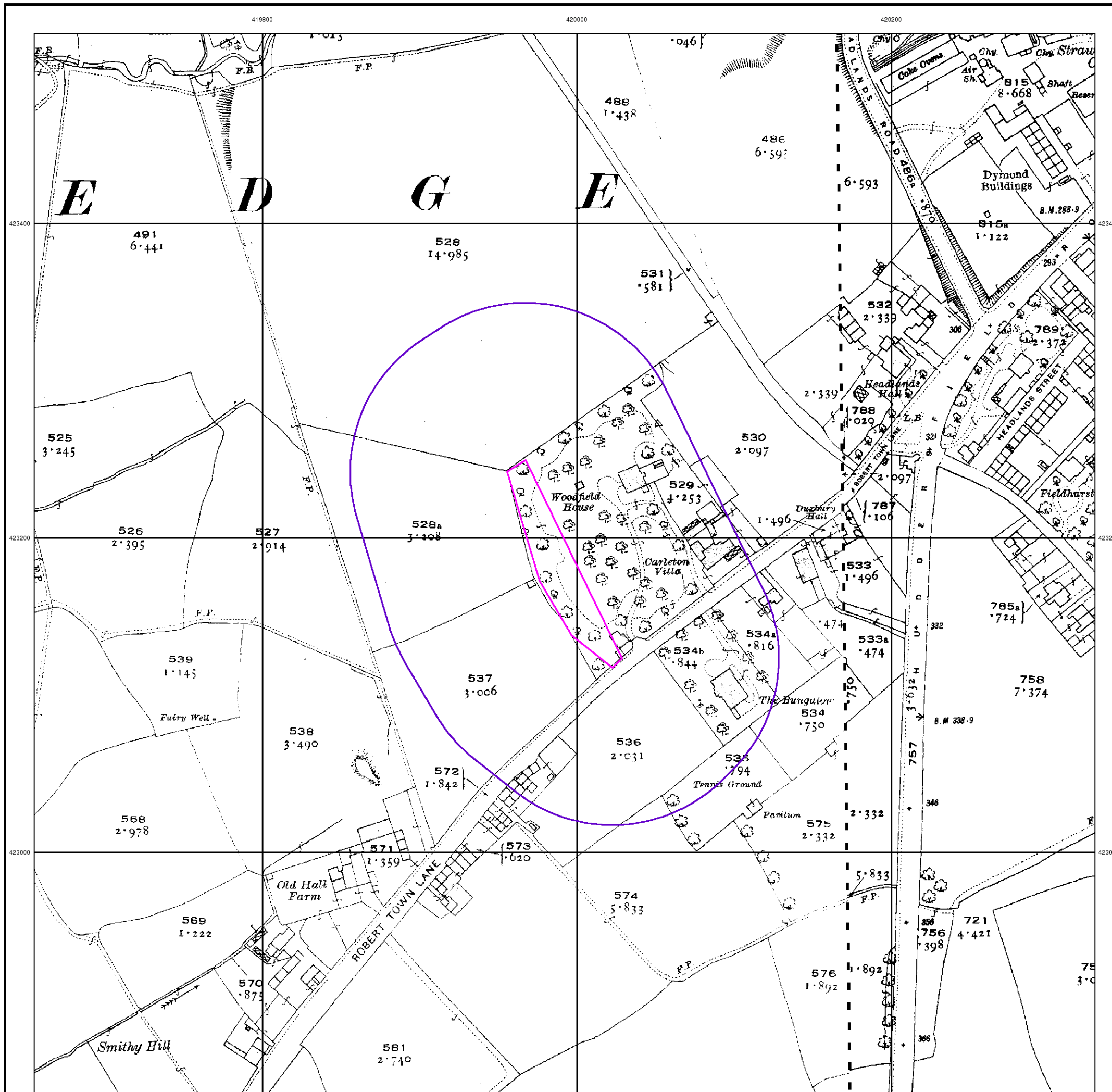


Order Details

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 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 100

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



Yorkshire

Published 1931

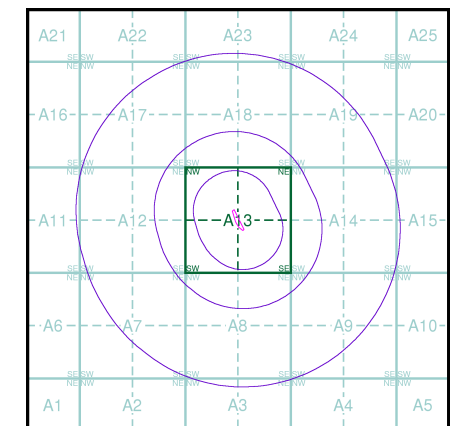
Source map scale - 1:10,560

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)

232SW
1931
1:10,560
247NW
1931
1:10,560

Historical Map - Slice A



Order Details

Order Number: 347333193_1_1
Customer Ref: 4503-23
National Grid Reference: 419990, 423180
Slice: A
Site Area (Ha): 0.29
Search Buffer (m): 1000

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX



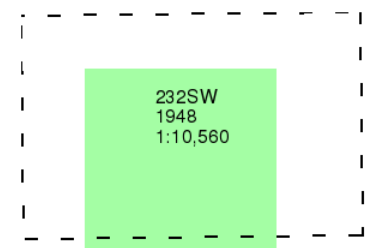
Yorkshire

Published 1948

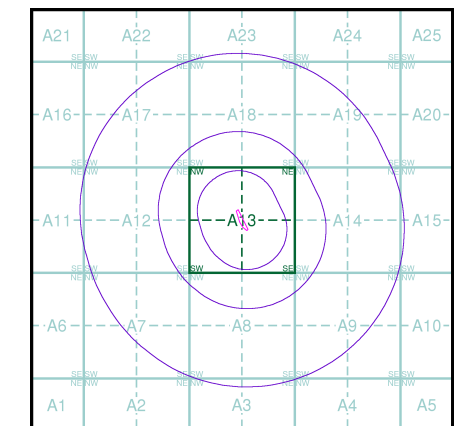
Source map scale - 1:10,560

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

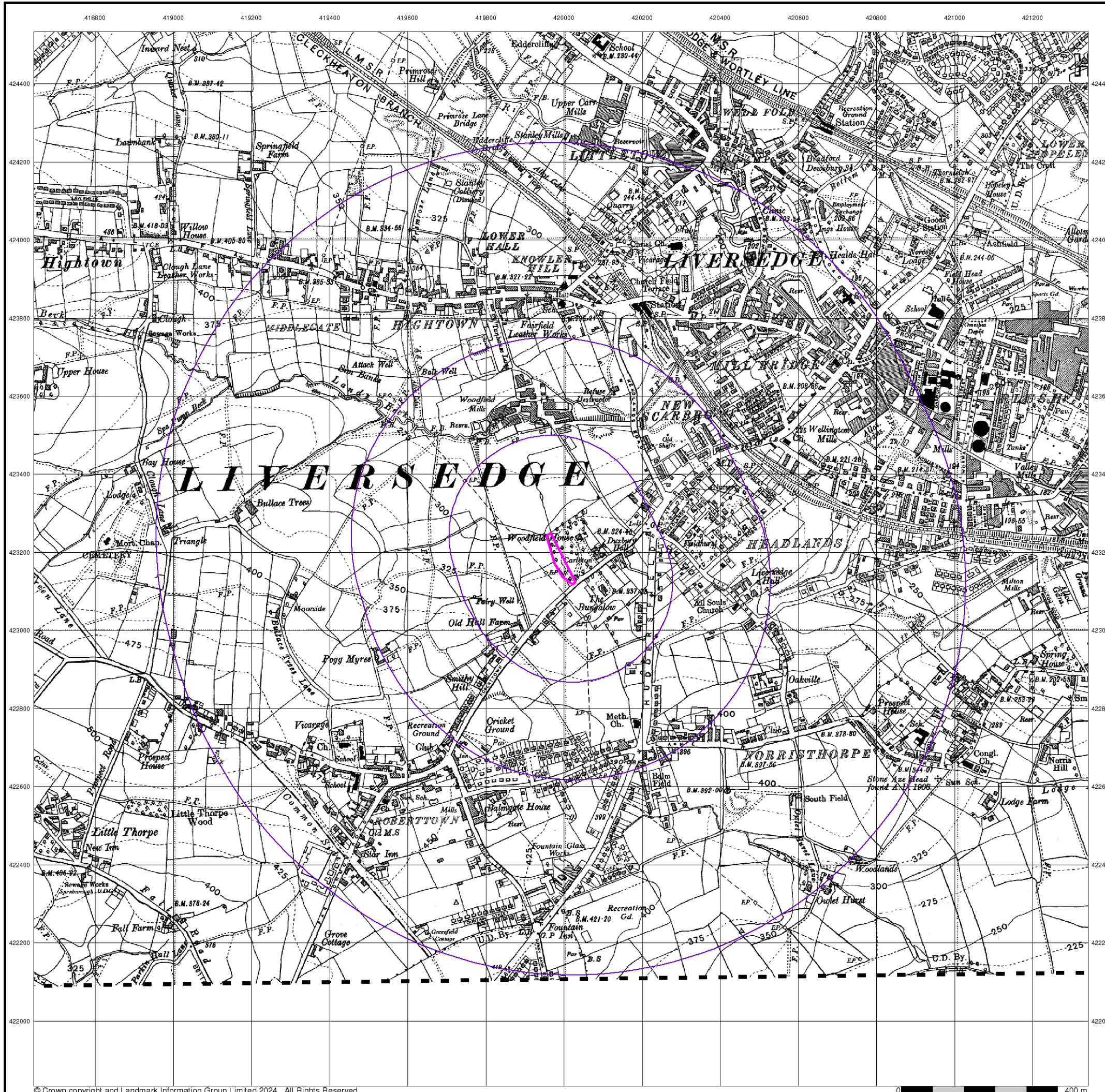


Order Details

Order Number: 347333193_1_1
Customer Ref: 4503-23
National Grid Reference: 419990, 423180
Slice: A
Site Area (Ha): 0.29
Search Buffer (m): 1000

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDEGE, WF15 7LX



Ordnance Survey Plan

Published 1958

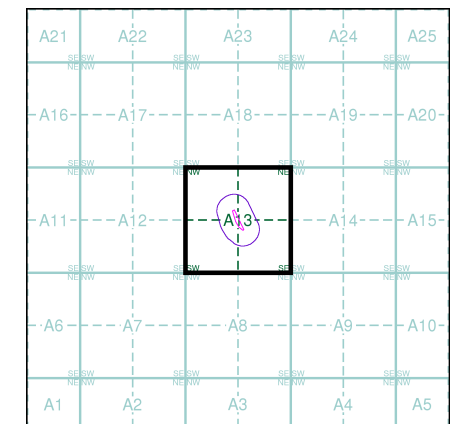
Source map scale - 1:2,500

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 and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below 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.

Map Name(s) and Date(s)

SE 1923 1958 1:2,500	SE 2023 1958 1:2,500
SE 1922 1958 1:2,500	SE 2022 1958 1:2,500

Historical Map - Segment A13

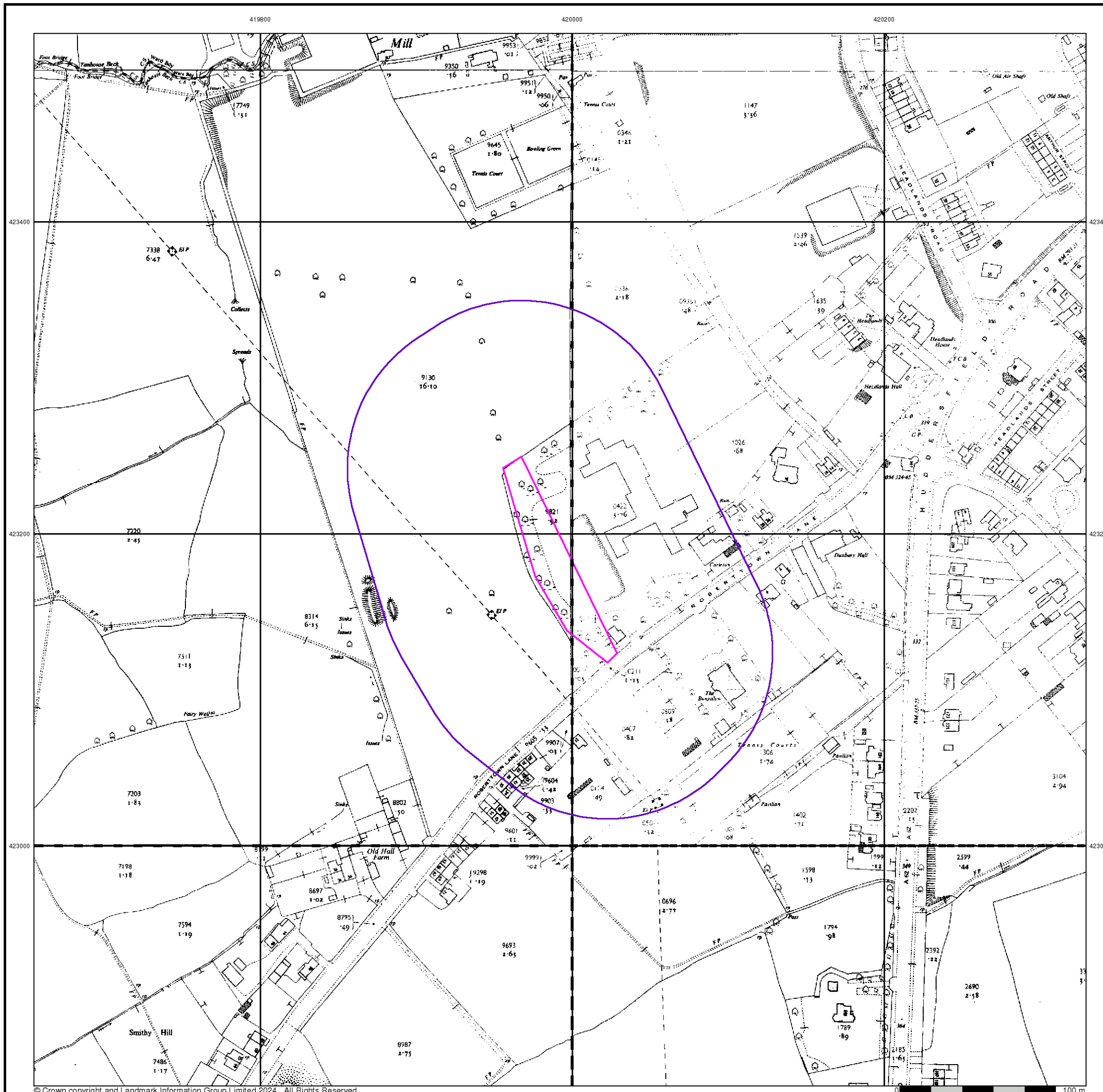


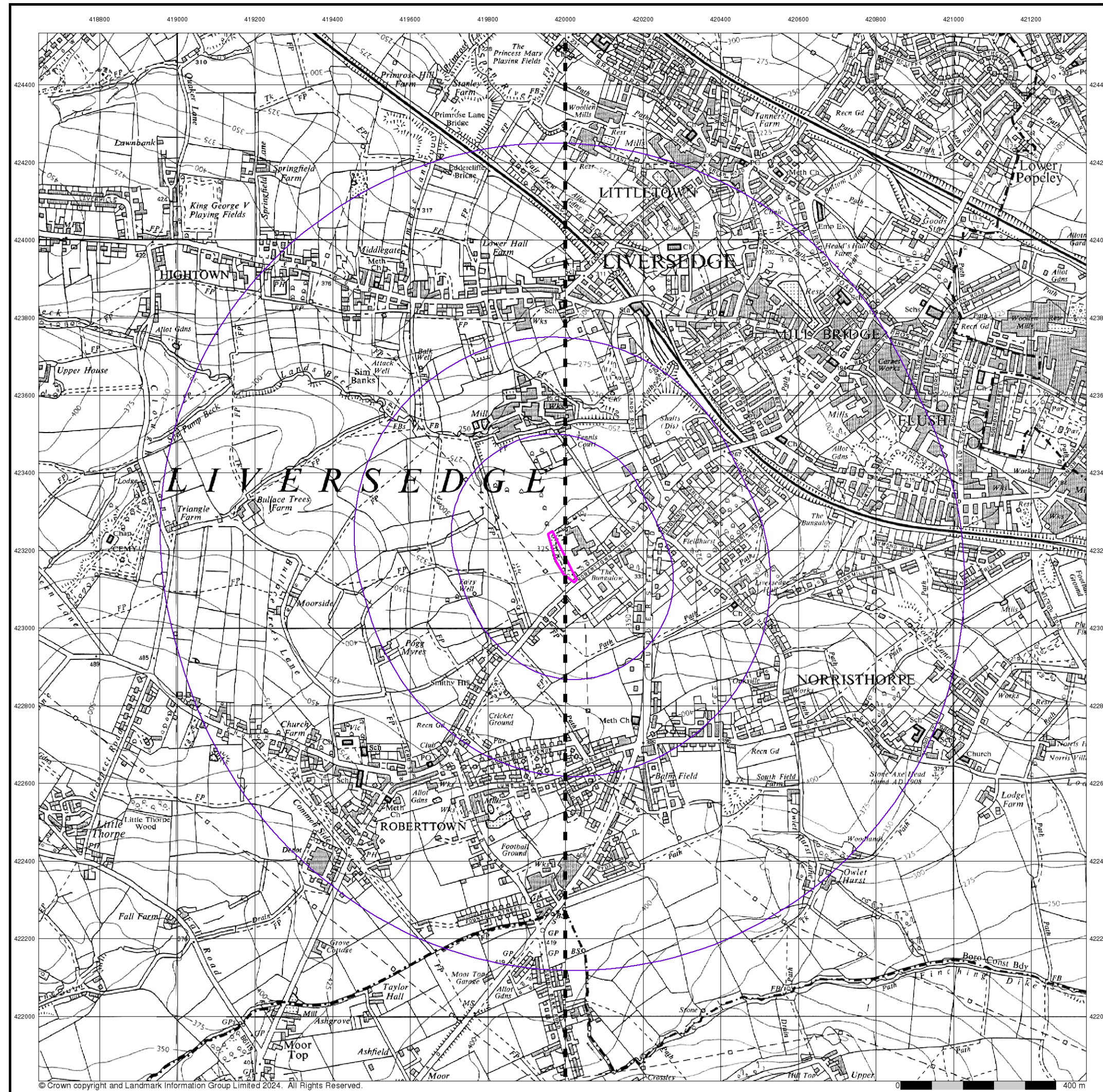
Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 100

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX





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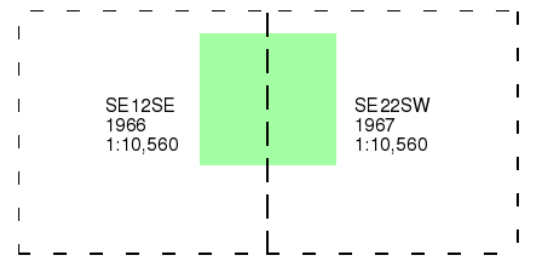
Ordnance Survey Plan

Published 1966 - 1967

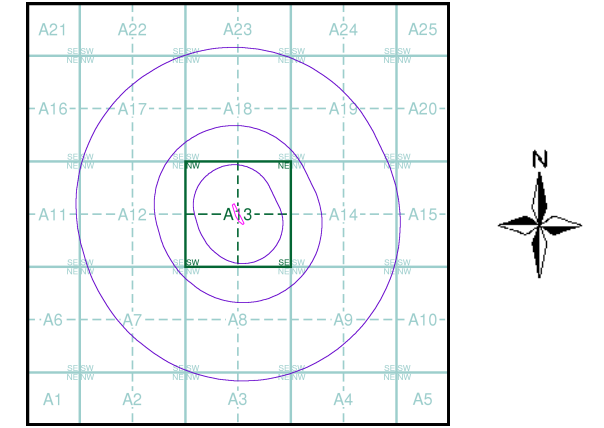
Source map scale - 1:10,000

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: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

Landmark
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Large-Scale National Grid Data

Published 1992 - 1993

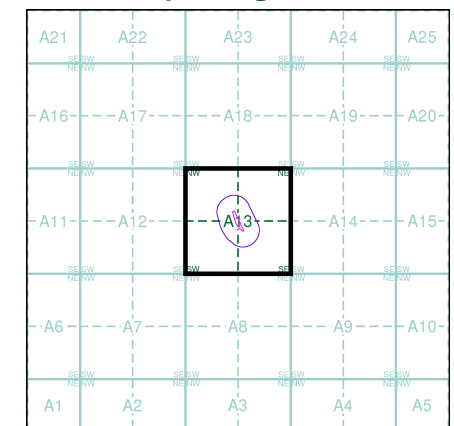
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

BE1923NE	BE2023NW
1993	1992
1:1,250	1:1,250
BE1923SE	BE2023SW
1993	1992
1:1,250	1:1,250
BE1922NE	BE2022NW
1993	1992
1:1,250	1:1,250

Historical Map - Segment A13

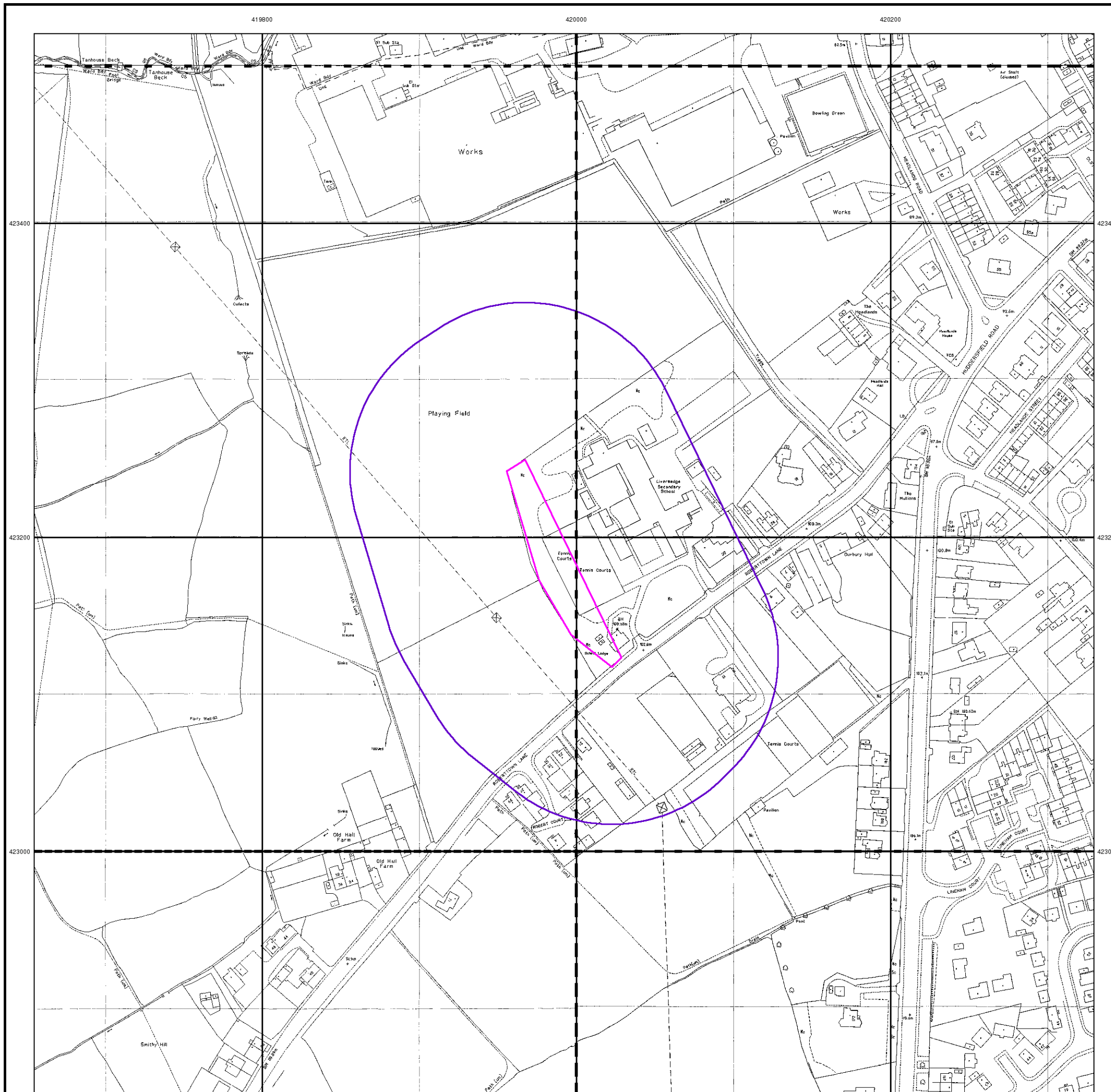


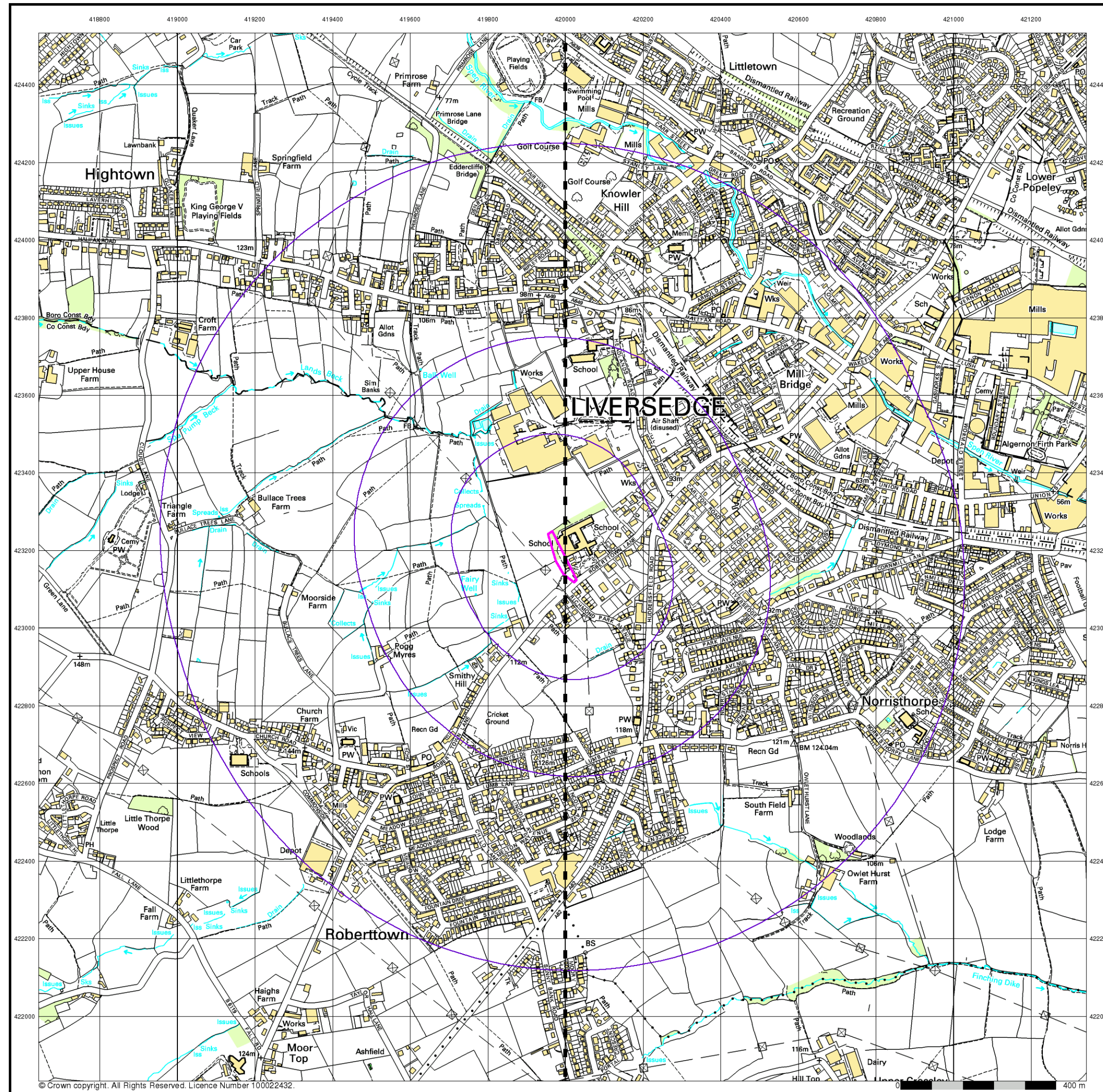
Order Details

Order Number: 347333193_1_1
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 National Grid Reference: 419990, 423180
 Slice: A
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Site Details

Spn Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX





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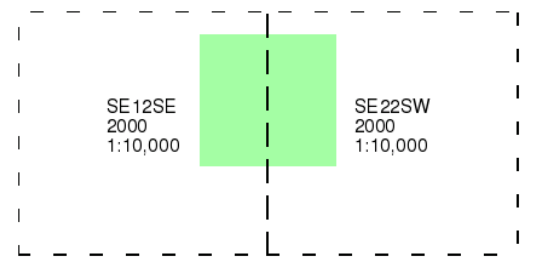
10k Raster Mapping

Published 2000

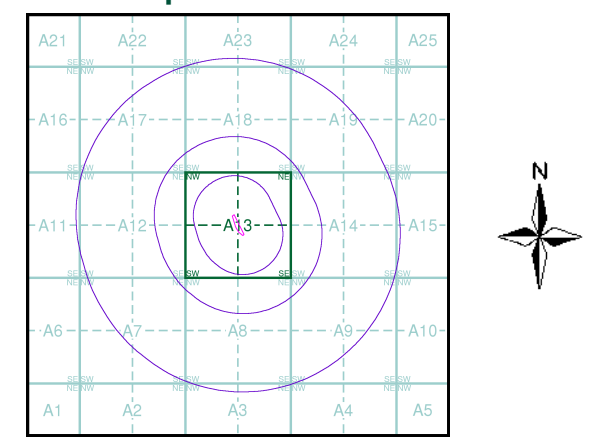
Source map scale - 1:10,000

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

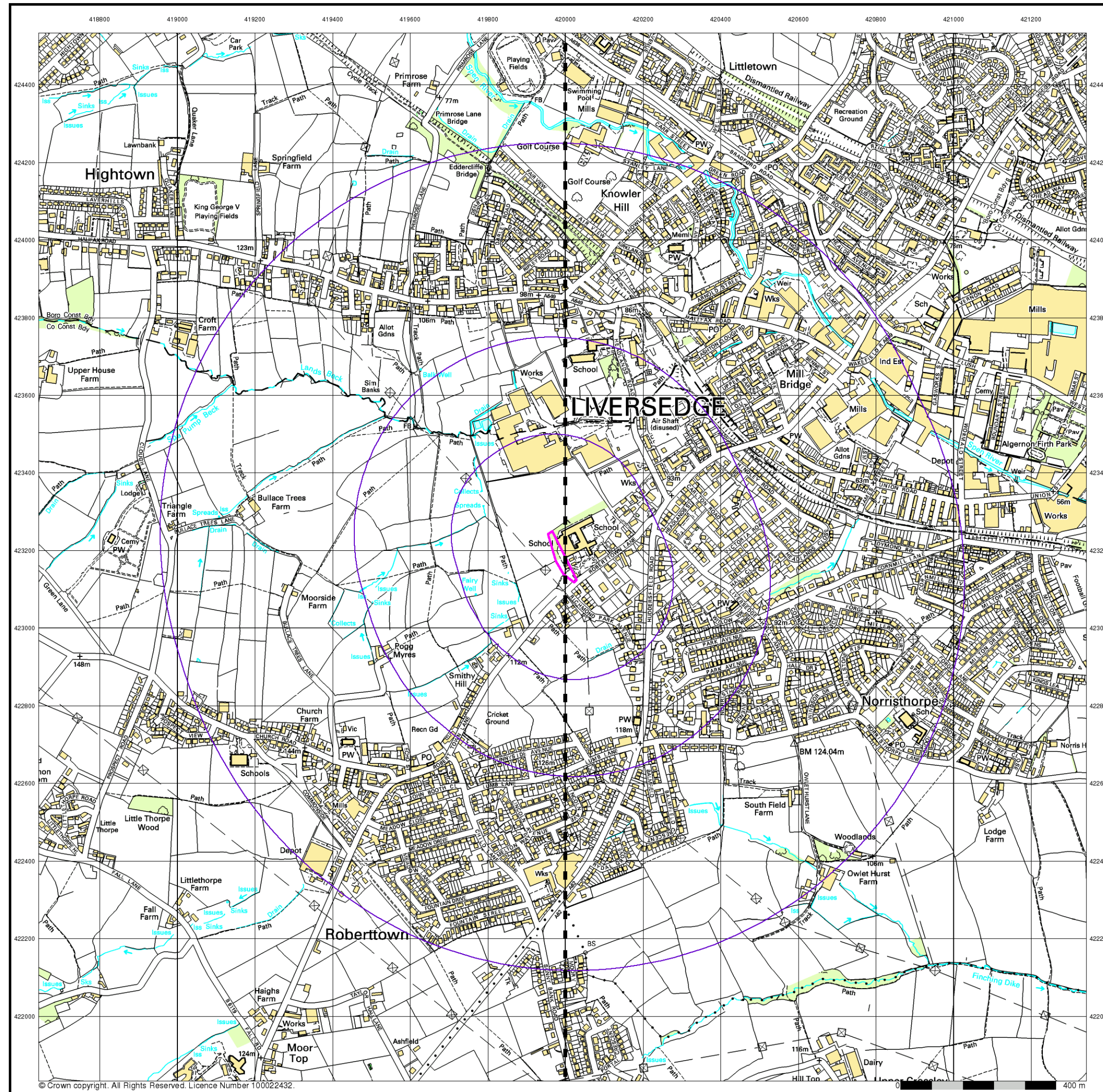
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 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

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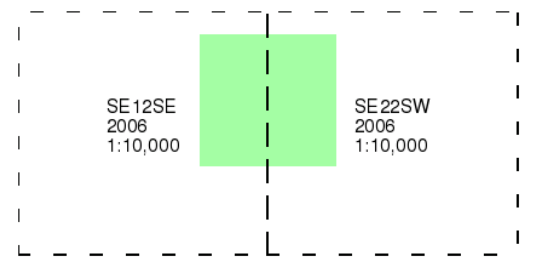
10k Raster Mapping

Published 2006

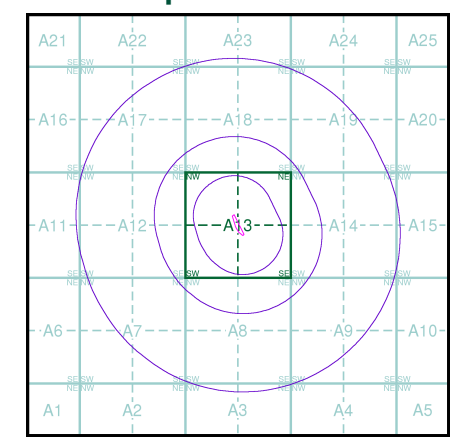
Source map scale - 1:10,000

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

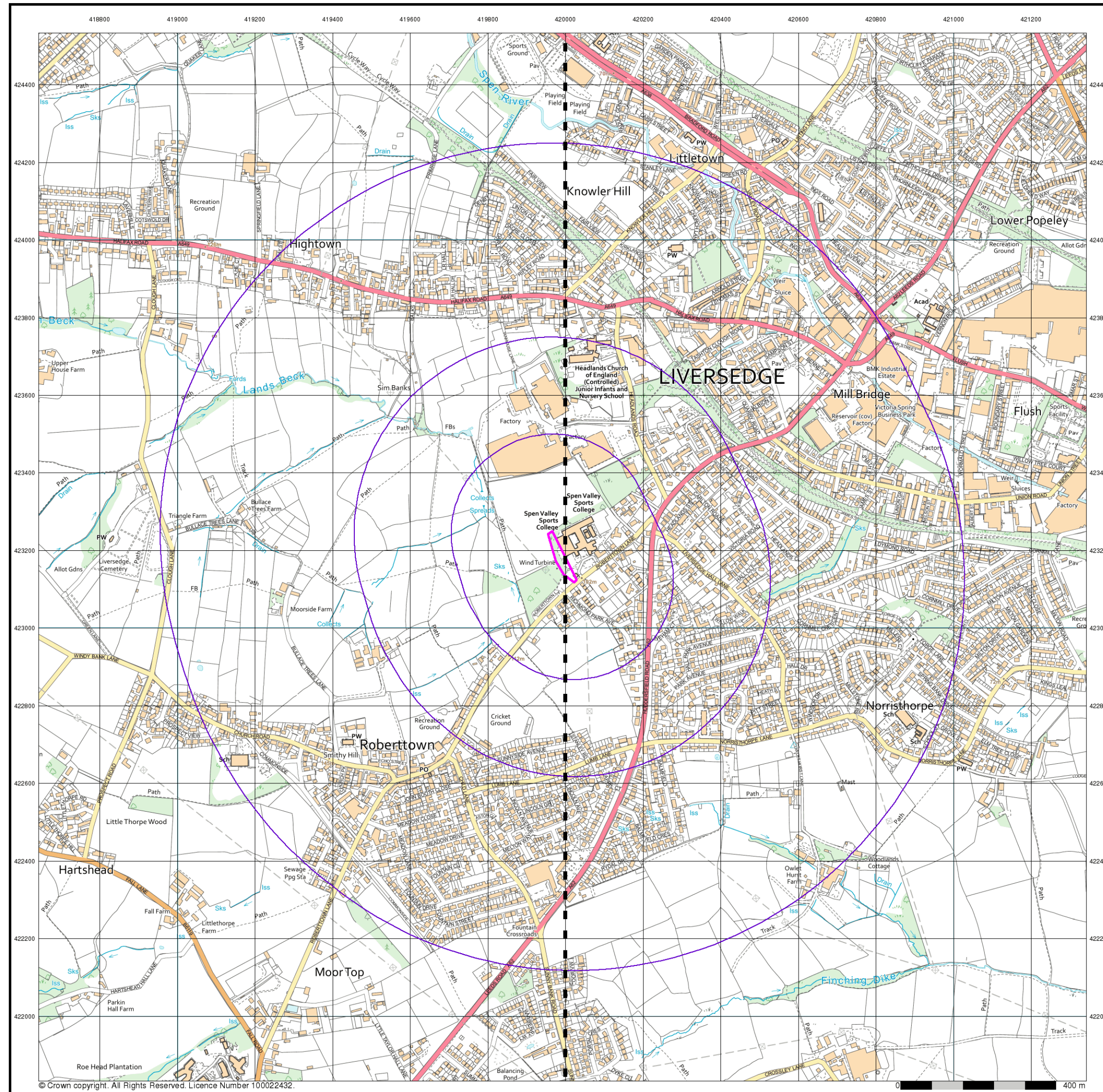
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 Slice: A
 Site Area (Ha): 0.29
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Site Details

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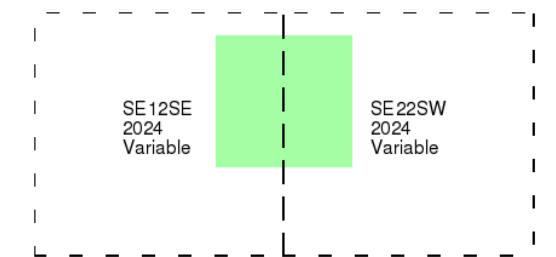
VectorMap Local

Published 2024

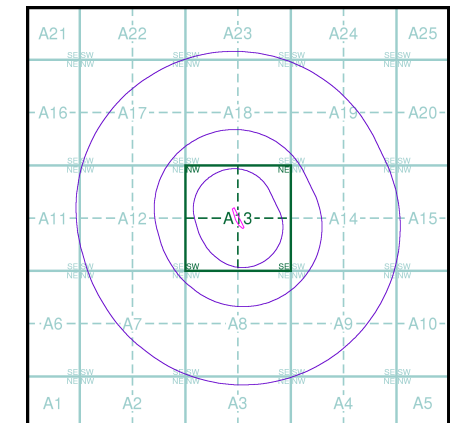
Source map scale - 1:10,000

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



Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
 National Grid Reference: 419990, 423180
 Slice: A
 Site Area (Ha): 0.29
 Search Buffer (m): 1000

Site Details

Spen Valley High School, Roberttown Lane, LIVERSEDGE, WF15 7LX

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 Web: www.envirocheck.co.uk

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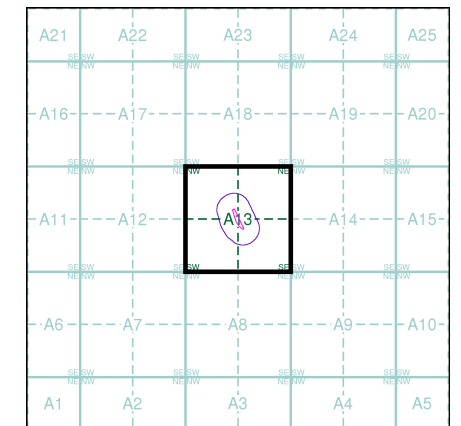
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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 347333193_1_1
 Customer Ref: 4503-23
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APPENDIX 5
RISK ASSESSMENT MATRIX

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008) sets out a methodology for the estimation of risk.

At Phase I the risk estimation will take the form of a qualitative risk assessment, which will be entirely based on the conceptual model for each potential end-use of the site. Comments on level of uncertainty will also need to be included for each source-pathway-target linkage to allow the confidence in the assessed risks to be understood. The results of the qualitative risk assessment will allow the risk evaluation to be concisely described in the following chapters.

The methodology for risk evaluation is a qualitative method for interpreting the output for the risk estimation stage of the assessment. It involves the classification of the:

The magnitude of probability (i.e. likelihood).

[takes into account both the presence of the hazard and receptor and the integrity of the pathway]

The magnitude of the potential consequence (i.e. severity).

[takes into account both the potential severity of the hazard and the sensitivity of the receptor]

Classification of Probability

Classification	Definition	Examples
High likelihood (Hi)	There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable in the long term, or there is evidence at the receptor of harm or pollution.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden.</i></p> <p>B) <i>Ground/groundwater contamination could be present from chemical works, containing a number of USTs, having been in operation on the same site for over 50 years</i></p>
Likely (Li)	There is a pollutant linkage, and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space.</i></p> <p>B) <i>Ground/groundwater contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.</i></p>
Low likelihood (Lw)	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the short term.	<p>A) <i>Elevated concentrations of toxic contaminants are present in soils at depths >1m in a residential garden, or 0.5-1.0m in public open space.</i></p> <p>B) <i>Ground/groundwater contamination could be present on a light industrial unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.</i></p>
Unlikely (UI)	There is a pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long term.	<p>A) <i>Elevated concentrations of toxic contaminants are present below hardstanding.</i></p> <p>B) <i>Light industrial unit <10 yrs old containing a double skinned UST with annual integrity testing results available.</i></p>

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

Classification of Consequence

	Definition	Examples
Severe (Sv)	<p>Highly elevated concentrations likely to result in “significant harm” to human health as defined by the EPA 1990, Part 2A, if exposure occurs. A Category 1: Human Health risk is present.</p> <p>Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point major impact on amenity value or major damage to agriculture or commerce.</p> <p>Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long - term maintenance of the population.</p> <p>Catastrophic damage to crops, buildings or property.</p>	<p><i>Significant harm to humans is defined in circular 01/2006 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</i></p> <p><i>Major fish kill in surface water from large spillage of contaminants from site.</i></p> <p><i>Highly elevated concentrations of List 1 and substances present in groundwater close to small potable abstraction (high sensitivity).</i></p> <p><i>Explosion, causing building collapse (can also equate to immediate human health risk if buildings are occupied).</i></p>
Medium (Md)	<p>Elevated concentrations which could result in “significant harm” to human health as defined by the EPA 1990, Part 2A if exposure occurs. A Category 2: Human Health risk is present.</p> <p>Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce.</p> <p>Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long-term maintenance of the population.</p> <p>Significant damage to crops, buildings or property.</p>	<p><i>Significant harm to humans is defined in circular 01/2006 as death, disease* serious injury, genetic mutation, birth defects or the impairment of reproductive functions.</i></p> <p><i>Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability.</i></p> <p><i>Ingress of contaminants through plastic potable water pipes.</i></p>
Mild (MI)	<p>Exposure to human health unlikely to lead to “significant harm”. A Category 3 Human Health risk is present.</p> <p>Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce</p> <p>Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long-term maintenance of the population</p> <p>Minor damage to crops, buildings or property.</p>	<p><i>Exposure could lead to slight short - term effects (e.g. mild skin rash).</i></p> <p><i>Surface spalling of concrete.</i></p>
Minor (Mr)	<p>No measurable effect on humans.A Category 4: Human Health risk is present.</p> <p>Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems. Repairable effects of damage to buildings, structures and services.</p>	<p><i>The presence of contaminants at such concentrations that protective equipment is required during site works.</i></p> <p><i>The loss of plants in a landscaping scheme.</i></p> <p><i>Discoloration of concrete.</i></p>

* For these purposes, disease is to be taken to mean an unhealthy condition of the body or a part of it and can include, for example, cancer, liver dysfunction or extensive skin ailments. Mental dysfunction is included only insofar as it is attributable to the effects of a pollutant on the body of the person concerned.

The classification of consequence does not take into account the probability of the consequence being realized. Therefore, there may be more than one consequence for a particular pollutant linkage. Both a severe and medium classification can result in death. Severe relates to short term (acute) risk while medium relates to long

Preliminary Risk Assessment Methodology (After NHBC Guidance for the Safe Development of Housing on Land Affected by Contamination (2008))

term (chronic) risk. Mild relates to significant harm but to less sensitive receptors. Minor classification relates to harm which is not significant but could have a financial cost.

The classification gives a guide as to the severity and consequence of identified risk when compared with other risk presented on the site. It should be noted that if a risk is identified it cannot be classified as “no risk” but as “very low risk”. Differing stakeholders may have a different view on the acceptability of a risk.

Risk Evaluation Matrix

		Consequence			
		Severe (Sv)	Medium (Md)	Mild (Mi)	Minor (Mr)
Probability	High likelihood (Hi)	Very high risk (VH)	High Risk (H)	Moderate Risk (M)	Mod/low risk (M/L)
	Likely (Li)	High risk (H)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)
	Low likelihood (Lw)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)
	Unlikely (UI)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)	Very low risk (VL)

Risk Categorizations

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

Reference

Rudland, D J, Lancefield, R M, Mayell, P N; 2001; Contaminated land Risk Assessment. A guide to Good Practice; CIRIA Report C552.

The NHBC (National House-Building Council) the Environment Agency and the Chartered Institute of Environmental Health, 2008, Guidance for the Safe Development of Housing on Land Affected by Contamination R&D66.