APPENDIX 9.1A PRELIMINARY RISK ASSESSMENT





Preliminary Risk Assessment

The Beehive Redevelopment, Beehive Retail Park, Cambridge

July 2024

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This document has been prepared and checked in accordance with Waterman Group's IMS (BS EN ISO 9001: 2015, BS EN ISO 14001: 2015 and BS EN ISO 45001: 2018)

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Comments

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Executive Summary

Objectives

Railway Pension Nominees Limited (Client) instructed Waterman Infrastructure & Environment Limited (Waterman) to undertake a Preliminary Risk Assessment (PRA) for ground contamination for the proposed redevelopment of the Beehive Retail Park, Cambridge (Site).

The purpose of the PRA is to produce a preliminary conceptual model for the Site, identifying potential contaminant linkages in relation to ground contamination. This will be achieved through a desktop review of the Site and surrounding areas environmental setting, history, and current uses.

Conclusions

Given the proposed end use, current and historical Site use and environmental setting, the overall risk rating for the Site is **Medium**. The recommendations of this report outline preliminary remedial and mitigation measures that require confirmation through additional works. However, once successfully implemented the risks are anticipated to be **Low**. Therefore, the NPPF requirement that on completion the Site can no longer be captured under the Part IIA regime is expected to be met.

	Site Setting
Current Use	Beehive Retail Centre comprising thirteen retail units.
	A walkover was not completed and is required prior to completion of this report.
History	Disused or in use as allotments up until the 1960's whereby various warehouses, a dairy, builders yards, and a bakery are on-site. The northern Site half was redeveloped initially in the 1980's into the existing Beehive Retail Centre layout with remainder of the Site following by 1994. A petrol filling station was constructed on the western Site boundary as part of the initial Beehive Retail Centre before being decommissioned by 2003. The immediate surrounding area has been subject to significant industrial and commercial land uses. These include large gravel/clay pits which were infilled by 1903 and 1973, a gas works, various factories and works, and a petroleum depot.
Geology	Made Ground (1.0 – 2.0m thick) underlain in the southwest corner by River Terrace Deposits (3.0 – 5.0m thick) and by the West Melbury Chalk Formation across remainder of Site (3.0 – 5.0m thick). The Gault Clay Formation underlies both the River Terrace Deposits and West Melbury Chalk Formation (30m thick) and is underlain in turn by the Lower Greensands Formation. The presence and extent of the River Terrace Deposits and West Melbury Chalk Formation is unclear and may be absent.
Controlled Waters	River Terrace Deposits are a Secondary A Aquifer and West Melbury Chalk Formation and Lower Greensands Formation are Principal Aquifers. The Gault Clay Formation is an unproductive stratum.
	The Cherry Hinton Brook and Coldham Brook are located 300m and 530m northeast respectively and the River Cam 520m northwest.
	Groundwater flow is uncertain but likely to be northwest/north, with the River Cam potentially the dominant influence.
	Potential contamination sources are on-site which require assessment as to their impact on groundwater on and off-site.
Ground Gas	Potentially significant ground gas generation sources are absent. However, confirmation of ground conditions and the risk posed by infilled clay and gravel pits (off-site) and infilled pond is required.
Vapour	Potentially significant on and off-site vapour sources have been recorded. Assessment of the vapour regime as part of a ground investigation is required.



Preliminary Conceptual Model

Potentially complete pollutant linkages include:

- Future human health receptors coming into direct contact with contaminants within the Made Ground in proposed soft landscaped areas.
- A significant vapour regime impacting future Site users in areas of confined space.
- Off-site human health receptors being impacted by contaminants within dust migrating off-site during construction.
- Contaminants impacting the groundwater above the Gault Clay Formation and migrating off-site to impact offsite aquifers or surface water receptors.

Recommendations

The following actions are recommended to address the potentially unacceptable risks identified:

Pre-Planning

 An update to this report following liaison with the regulatory authorities including the Cambridge Council EHO and completion of a Site walkover.

Pre-Construction

- Completion of a targeted investigation.
- The investigation results should be assessed within a Generic Quantitative Risk Assessment (GQRA) report which includes an updated CSM.
- Following completion of the GQRA, a Detailed Quantitative Risk Assessment (DQRA) may be required to further assess the risk to receptors.
- Production of a Remediation Strategy, detailing the remedial measures required to break the pollutant linkages as assessed within the GQRA and DQRA.
- Where piles penetrate the Lower Greensands Formation, a FWRA may be required to limit the creation of preferential pathways.

During and Post Construction

- Construction workers should wear the appropriate Personal Protective Equipment (PPE), Respiratory Protective Equipment (RPE), adhere to good practice hygiene and safety measures, the Confined Space Regulations 1997 and the Control of Asbestos Regulations 2012.
- During construction, potentially contaminative substances should be stored and handled in accordance with the COSHH Regulations 2002 to prevent fugitive emissions migrating to the Made Ground and underlying groundwater.
- Buried foundations and services should be appropriately designed to accommodate the potentially aggressive ground conditions on-site.
- During construction, dust suppression techniques should be implemented to minimise the dispersion of contaminants within dust.
- Post completion of the Development a Verification Report should be prepared detailing the remedial measures undertaken during the Development and confirming all pollutant linkages have been broken.

Other Issues

- The Site is in a designated conservation area. Consultation with a suitable heritage/archaeological consultant should be completed to determine whether any actions are required going forward.
- A UXO report has not been undertaken. Given the Site's city centre location advice should be sought on the Site's UXO risk prior to intrusive works.



1. Introduction

1.1 Objectives

Railway Pension Nominees Limited (Client) instructed Waterman Infrastructure & Environment Limited (Waterman) to undertake a Preliminary Risk Assessment (PRA) for ground contamination for the proposed redevelopment of The Beehive Redevelopment, Beehive Retail Park, Cambridge (Site). A Site Plan and Site Location Plan is included in Appendix A.

The PRA will produce a preliminary conceptual model for the Site, identifying potential pollutant linkages in relation to ground contamination. This will be achieved through a desktop review of the Site and surrounding area's environmental setting, history, and current uses. The preliminary conceptual model will incorporate a critical review of the sources, pathways, and receptors in line with Land Contamination Risk Management (LCRM) 2023.

1.2 Proposed Development

The demolition and redevelopment of the Beehive Centre, including in Outline Application form for the demolition and redevelopment for a new local centre (E (a-f), F1(b-f), F2(b,d)), open space and employment (office and laboratory) floorspace (E(g)(i)(ii) to the ground floor and employment floorspace (office and laboratory) (E(g)(i)(ii) to the upper floors; along with supporting infrastructure, including pedestrian and cycle routes, vehicular access, car and cycle parking, servicing areas, landscaping and utilities.

1.3 Limitations and Constraints

The assessment was undertaken in accordance with the scope agreed between Waterman and the Client, as documented in Waterman's fee letter, and with Waterman's standard Terms of Appointment.

The information contained in this report is based on a review of available historical, geological, and hydrogeological sources.

Consultation with regulatory authorities has not been completed and should be undertaken and report updated accordingly prior to finalisation.

Waterman has endeavoured to assess all information provided to them during this investigation but makes no guarantees or warranties as to the accuracy or completeness of this information.

The scope of this ground investigation includes an assessment of the presence of asbestos containing materials in the ground at the Site but not within buildings or structures or below ground structures (basements, buried service ducts and the like).

The conclusions resulting from this study are not necessarily indicative of future conditions or operating practices at or adjacent to the Site.



2. Methodology

This PRA has been undertaken in general accordance with the 2023 LCRM Guidance. Land Contamination: Risk Management Guidance.

The report includes the following:

- · Definition of overall Site objectives;
- Collation of available current and historical information about the Site and the potential contaminants expected to be present;
- A Site walkover;
- · Formulation of a preliminary Conceptual Model;
- · Qualitative risk assessment; and
- · Record of findings and recommendations for further action.



3. Hazard Identification

3.1 Site Description and Reconnaissance

The Site is at National Grid Reference 546677 258593 and is 7.85ha in size comprising thirteen retail units and associated car parking.

Significant current potentially contaminative land uses on-site were not identified.

3.1.1 Site Surroundings

The Site is bound by a rail line to the east and southeast, which runs off-site from northeast to southwest. Residential housing is to the north, west and southwest, and further commercial retail units are to the north.

Current large industrial facilities/works have not been identified in the surrounding area.

Ecological Areas

The Site is not in an ecologically sensitive area.

Heritage and Archaeology

The Site is in a designated conservation area. Consultation with a suitable heritage/archaeological consultant should be completed to determine whether any actions are required going forward.

3.1.2 Environmental Permits

As detailed in the Groundsure Report the following Environmental Permits (EP) are identified on-site and in the surrounding area:

On-site

- Storage of waste permits for commercial (non-agricultural waste only) associated with existing retail units.
- Historical permit for petrol vapour recovery (Part B) associated with the former filling station on-site.

Surrounding Area

- List 1 Dangerous substance Maintrain Ltd, Mercury and Cadmium, 2m north east
- List 2 Dangerous substance Exhaust & Former Tyco Sites, pH, 46m east.

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4. Previous Environmental Assessments and Consultations

4.1 Previous Environmental Assessments

No previous environmental assessments of the Site have been identified.



5. Environmental Site Setting

5.1 History

A summary of the Site's and surrounding areas historical potential contamination sources as obtained from the Groundsure historical maps is included in Table 1 and Table 2.

Table 1: Pertinent Site History – On-Site

Date	Feature
1888	Majority of Site undeveloped apart from the northeast corner in use as a coal yard.
	A gravel pit potentially encroaches the western Site corner.
1903	Site in use as allotments.
	Coal yard in north-eastern corner extending along northern border, in addition to sidings along northern border from rail line running parallel with eastern Site boundary.
1966	Warehouse constructed on northern Site portion.
	Southern corner in multiple uses including dairy, builders' yard, warehouses, and bakery.
1978	Sidings removed from northern boundary and replaced with a pond and yard area.
1989	Redevelopment of northern two thirds into a retail centre in the same layout as existing units.
	A petrol filling station is centrally on the western border.
	Dairy, warehouses, and builders yard remain in southern two thirds.
1994	Remainder of the Site (southern two thirds) redeveloped into the existing retail centre layout.
2003	Petrol filling station on western boundary no longer shown.

Table 2: Pertinent Site History – Off-Site

Date	Feature	Distance from Site
1888	Gravel pit (infilled by 1903).	Immediately west
	Clay Pit and associated brick works (infilled by 1973).	150m north
	Gas works (substantially reduced in size by 1973, redeveloped into supermarket by 2010).	250m northwest
	Rail line bounds the Site to the east.	Immediately east
1927	Expansion of clay pit and brick and tile works (infilled by 1973).	50m north
	Coldham Model Laundry.	250m northeast
1957	Diesel Engine Shed.	Immediately east
1966	Electronic equipment factory, tyre depot, and petroleum depot (all redeveloped into additional sidings by 2003).	Immediately east
1973	Factory.	300m west
	Works (demolished and residential units built by 2010).	Immediately west

Historical mapping records the Site undeveloped or in use as allotments up until the 1960's whereby various warehouses, a dairy, builders' yards, and a bakery are on-site. The northern Site half was redeveloped initially in the 1980's into the existing Beehive Retail Centre layout. The remainder of the Site followed by 1994. A petrol filling station was constructed on the western Site boundary as part of the initial Beehive Retail Centre before being decommissioned by 2003.

The immediate surrounding area has been subject to significant industrial and commercial land uses.



These include large gravel/clay pits which were infilled by 1903 and 1973, a gas works, various factories and works, and a petroleum depot. These off-site historical land uses may have caused contamination to have migrated onto Site.

5.2 Unexploded Ordnance

A UXO report has not been identified. Given the Site's city centre location advice should be sought on the Site's UXO risk prior to intrusive works.

5.3 Geology

The Site's geology as established from, British Geological Survey (BGS) mapping and boreholes is summarised in Table 3.

Table 3: Site Geology

Stratum	Area Covered	Estimated Thickness (m)	Typical Description
Made Ground	Whole Site	1.0 – 2.0m	Granular material generated during the multiple redevelopment phases. Reworked natural material becoming present with depth.
River Terrace Deposits	South-western corner	3.0 – 5.0m	Brown/orange brown slightly clayey/clayey SAND/GRAVEL.
West Mulbury Chalk Formation	Whole Site	3.0 – 5.0m	Grey marly CHALK.
Gault Formation	Whole Site	30m	Grey silty CLAY.
Lower Greenand Formation	Whole Site	>20m	SAND/SANDSTONE.

The Site's historical use identifies two primary redevelopment stages, construction of commercial/industrial uses in the early 20th century before their demolition and construction of the existing Beehive Retail Centre. Made Ground associated with the construction of these redevelopment stages is anticipated. The Made Ground is likely to be granular in nature, becoming a reworked natural deposit with depth.

BGS maps identify the Site as being underlain by a thin River Terrace Deposit in the southwest corner, consistent with the former location of a gravel pit immediately off-site to the west. The extent to which the gravel deposit extends on-site is unclear. The determining of this will form an output of a proposed ground investigation.

Beyond the southwest Site corner, BGS mapping indicates the remainder of the Site as being underlain by the West Mulbury Chalk Formation, underlain in turn by the Gault Formation. The Gault Formation outcrops in the area surrounding the Site including land immediately north which was a former clay pit, and a former brick and tile works. The Chalk Formation on-site is expected to be thin and may in some places be absent. A ground investigation objective will be to confirm the presence and thickness of Chalk Formation on-site.



5.3.1 Ground Stability

The Groundsure Report has identified the following geological hazards (Table 4).

Table 4: Geological Hazard Risk to the Site

Geological Hazard	Risk
Shrink Swell Clay	Moderate
Landslides	Very Low
Ground Dissolution of Soluble Rocks	Very Low
Compressible Deposits	Negligible
Running Sand	Very Low

The BGS map does not reveal any structural, geomorphological, or geochemical features on or near to the Site.

The Site is not in an area that could be affected by coal mining activity.

5.4 Radon

Information recovered from the Landmark Report, BGS, and PHE show the Site is not in an area of high radon levels. Correspondingly, no radon protection measures will be required in the proposed development.

5.5 Ground Gas

As identified in the CL:AIRE 2012 RB17 guidance document and CIRIA C665 ground gases only pose a risk to developments when the following can be satisfied, which is in line with source – pathway – receptor model followed by LCRM.

- An accumulation of a large volume of gas in the ground in or near the buildings (source).
- A pathway that allows gas to migrate through and/or out of the ground into a building or other structure sufficiently quickly to allow it to build up inside the building (pathway).
- A confined space within the building or structure where gas can build up to unacceptable levels (receptor).

In order for a risk from ground gases a source – pathway – receptor linkage needs to be present. This requires a sufficient quantity of gas to pose a hazard and one or more pathways by which it may cause significant harm to people. For sustained gas migration to occur gas must be replenished at the source to negate the effects of attenuating factors such as oxidation of the methane/carbon dioxide to oxygen in the aerobic zone or low permeability soils decreasing the migration potential. Therefore, sustained high levels of gas generation are required for ground gas to migrate via advective or diffusive flow and cause high ground gas concentrations at the surface/within built structures. The volume of ground gas is therefore the principal factor which should be considered rather than the gas concentration present in the ground (or monitoring well) which is commonly mistaken as posing a risk to future Site users.

A review of the Site's environmental setting, and ground conditions identifies the following:

Made Ground on-site is expected to be 1.0 – 2.0m thick and comprise granular generally inert material
with low quantities of readily degradable organic material. The existing Beehive Centre was
constructed by 1994. Made Ground on-site has therefore been in-situ for >25 years. The Made
Ground age means any organic material originally present is likely to have degraded. A qualitative



assessment of the Made Ground identifies it as having a low ground gas generational potential.

- A small pond was previously located in the northern Site portion. The pond was infilled by 1992. A
 large quantum of readily degradable material is unlikely to be present within the pond and given the
 time, a substantial proportion of degradable material is likely to have been lost.
- As identified in the 2019 Geoff Card, James Lucas, and Steve Wilson, Technical Paper: Risk and
 Reliability in Gas Protection Design 20 years on: Part 1, and the 2018 Ambisense and
 Environmental Protection Group, Using Ternary Plots for Interpretation of Ground Gas Monitoring
 Results River Terrace Gravels may contain small quantities of organic matter, which may degrade
 locally when exposed to oxygen generated during installation of boreholes. However, the rate of gas
 generation in these circumstances and the volume produced is extremely small and would not
 represent a risk to structures. The River Terrace Gravels therefore do not represent a significant
 ground gas generating source.
- Landfills have not been recorded on-site or in the surrounding area. However, it is known gravel and
 clay pits were historically present in the surrounding area. The material these pits were backfilled with
 have not been identified. All pits in the immediate surrounding area were however backfilled by 1973.
 Any organic material in the backfilled material is therefore likely to have degraded. The backfilled pits
 are considered unlikely to pose a significant ground gas risk.

A qualitative review of the Site's ground gas regime indicates a significant ground gas generation sources are absent on-site and in the surrounding area. Confirmation of the ground gas regime including the ground gas risk from backfilled pits in the surrounding area, and backfilled pond, and Made Ground thickness and composition as part of a ground investigation is however required.

5.6 Vapour

Potentially significant vapour sources have been identified on-site and in the surrounding area and include:

- On-site Petrol filling station decommissioned in 2003
- Off-site Coldham Model Laundry (250m northeast), petroleum depot (immediately east), Gas works (250m northwest), and various factories and works in surrounding area.

As part of the ground investigation the Site's vapour regime requires confirmation. A 'multiple lines of evidence' approach should be followed which includes a review of soil headspace analysis results, soil and groundwater laboratory data, and vapour monitoring results.

5.7 Controlled Waters

5.7.1 Surface Waters

Surface waters close to the Site include:

- Cherry Hinton Brook 350m northeast;
- Coldham Brook 530m northeast; and
- River Cam 530m northwest.

Surface water abstractions are absent in the surrounding area.

Given the distance to these surface water receptors and intervening potentially contaminated land uses any impact on these receptors is unlikely to be attributable to contaminants originating on-site. In addition given the distance potential for signficant attenuation in the environment prior to impacting these receptors is expected.



5.7.2 Groundwater

The EA has classified the geological deposits on-site as having the following classification (Table 5).

Table 5: Summary of Hydrogeological Properties of the Main Geological Strata

Stratum	EA Classification	Hydrogeological Significance
Made Ground	Unproductive Strata	Contains insignificant quantities of vertically or laterally extensive groundwater
River Terrace Deposits	Secondary A Aquifer	May be important in supporting local abstractions or in providing baseflow to rivers and streams
West Mulbery Chalk Formation	Principal Aquifer	Regionally important aquifer, likely to be used to support potable abstractions
Gault Formation	Unproductive Strata	Contains insignificant quantities of vertically or laterally extensive groundwater
Lower Greensand Formation	Principal Aquifer	Regionally important aquifer, likely to be used to support potable abstractions

Where the River Terrace Deposits overlie the West Mulberry Chalk Formation groundwater between the two deposits are expected to be in hydraulic continuity.

The Gault Clay Formation is an aquiclude and will restrict the vertical migration of contaminants to the underlying Lower Greensand Formation. Piled foundations which penetrate the Gault Clay Formation will require completion of a Foundation Works Risk Assessment (FWRA) to assess the possible risk of preferential pathway creation through completion of piles. Where the Gault Clay Formation directly underlies the Made Ground, with both River Terrace Deposits and West Mulbery Chalk Formation absent, the lateral migration of contaminants onto and off-site will be restricted.

The Site is not in a groundwater Source Protection Zone (I, II, III). Active groundwater abstractions are absent in the surrounding area.

Groundwater flow within the River Terrace Deposits and West Mulbery Chalk Formation which overlie the Gault Clay Formation are likely to be influenced by the surface water receptors in the surrounding area, given the absence of groundwater abstractions. Surface water receptors include the smaller Cherry Hinton Brook and Coldham Brook (northeast) and the larger River Cam (west). The larger River Cam is expected to be the dominant influence on groundwater flow direction on-site and in the surrounding area, with a lower effect from the smaller Cherry Hinton Brook and Coldham Brook. Groundwater flow in both the River Terrace Deposits and West Mulbery Chalk Formation is anticipated to be north/northwest.

This assessment is preliminary only and completion of a ground investigation which assess groundwater flow in deposits above the Gault Clay Formation is required.

Possible contaminant sources have been identified on-site which have the potential to migrate off-site and impact sensitive aquifers above the Gault Clay Formation off-site, and surface water receptors. Assessment of the Sites impact on groundwater quality is required as part of a ground investigation. This should include monitoring wells installed in the River Terrace Deposits/West Mulbery Chalk Formation. Locations would gain an understanding of the background groundwater quality and the Site's impact on groundwater quality. Where possible, samples from surface water receptors in the surrounding area should be gained to enable development of Site-specific threshold criteria.



6. Hazard Assessment and Preliminary Conceptual Model

The Site's Outline Conceptual Model is presented in Table 6. The risk rating included in Table 6 has been assessed qualitatively using the criteria given in Appendix C and the potential receptors identified using the criteria given in Appendix D.

6.1 Contaminants of Concern

Contaminants of concern identified at the Site are included below.

Only those contaminant sources up gradient of the Site have been considered. Given the unclear groundwater flow direction a northern, north-eastern, and north-western groundwater flow direction has been considered potentially present. Contaminants which have a very low mobility or have no environmental mobility such as asbestos have been discounted as contaminants of concern for off-site contaminant sources where a significant distance from Site.

On-Site

- Petrol filling station Decommissioned 2003, western boundary
 - Petroleum hydrocarbons, Poly-cyclic Aromatic Hydrocarbons (PAHs), lead, MTBE
- Coal yard northern border
 - Asbestos, PAHs, petroleum hydrocarbons
- Dairy, warehouses, builders' yard, existing commercial use
 - Asbestos, metals, PAHs, petroleum hydrocarbons, pH

Off-Site

- Infilled gravel pits infilled by 1903, west
 - Metals, petroleum hydrocarbons, chlorinated solvents, Semi- Volatile Organic Compounds (SVOC)
- Petroleum depot, diesel engine shed, tyre depot immediately east
 - Petroleum hydrocarbons, MTBE, chlorinated solvents
- Rail line immediately east
 - PAHs, petroleum hydrocarbons, asbestos



Table 6: Outline Conceptual Site Model

Source	Linkage	Receptor	Risk	Justification / Mitigation	Residual Risk
Human Health					
Made Ground	Direct contact, ingestion, inhalation		Medium	The proposed Development will include soft and hard landscaped areas. The hardstanding will prevent future Site users from coming into direct contact with contaminants breaking the pollutant linkage. Where soft landscaping is proposed a cover layer of sufficient thickness will be required to prevent future Site users coming into direct contact with contaminants.	Low
		Future Site Users		Significant ground gas sources are absent on-site and in the surrounding area. A significant ground gas regime is likely absent, and ground gas protection measures would not be required in built structures.	
Ground Gas	Migration to and accumulation in confined spaces		Low	As part of a ground investigation confirmation that the Made Ground on- site has a low organic content, and surrounding ground gas sources are absent through monitoring of ground gas coming onto Site will be completed to clarify whether the Site has a significant ground gas regime, or not.	Low
Vapour			Medium	Potential on and off-site vapour sources have been identified. Confirmation of the Site's vapour regime is required to determine if vapour protection measures are required.	Low
Contaminants in the Made Ground	Migration off-site via wind entrainment of contaminants.	Off-site users	Medium	During excavation and demolition potential exists for the liberation of contaminants and their migration off-site. As part of the construction works dust mitigation measures will be employed as appropriate to minimise the migration of contaminants off-site within dust.	Low
Contaminants in the Made Ground	Direct contact, ingestion, and inhalation	Construction workers	Low	During construction, groundworkers may encounter contaminants exposing them to an unacceptable risk in the absence of appropriate mitigation measures. Construction workers should wear the appropriate Personal Protection Equipment (PPE) and adhere to good hygiene and safe working	Low



Source	Linkage	Receptor	Risk	Justification / Mitigation	Residual Risk
				practices, the Confined Space Regulations 1997, and the Control of Asbestos Regulations 2012.	
Ground Gas and Vapour	Migration to and accumulation in confined spaces	-	Low	Significant ground gases are absent, however potential vapour sources have been identified. Construction workers should adhere to the requirements of the Confined Space Regulations (1997) to mitigate the potential risk.	Low
Property					
Aggressive ground conditions	Direct contact with building foundations and buried services leading to chemical	Below ground structures	Low	Geotechnical investigations will be required at the Site to confirm the appropriate concrete classification for foundations, and to ensure they are appropriately designed to resist chemical attack from any potential contamination present, including sulphate deposits in the London Clay Formation.	Low
	attack			Potable water supply pipes should be constructed from barrier pipes suitable to withstand the ground conditions present on-site.	
Controlled Water F	Receptors				
	Secondary A Aqui			Potentially significant contaminant sources have been identified on-site which potentially pose a risk to off-site receptors including groundwater in the River Terrace Deposits and West Mulberry Chalk Formation.	
		Secondary A Aquifer –		Where the Made Ground is underlain directly by the Gault Clay Formation the lateral migration of contaminants off-site will be restricted.	
Contaminants in the Made Ground	Vertical migration to Hackney Gravel Member	River Terrace Deposits Principal Aquifer – West Mulbery Chalk Formation	Medium	As part of a ground investigation, determination of ground conditions on- site, the Site's impact on groundwater and surface water quality in the surrounding area should be completed. Any assessment should account for the potentially significant off-site sources present including a former gas works, and large areas of infilling.	Low
				As part of a ground investigation confirmation of the groundwater and Made Ground contamination status on-site should clarify the Site's likely impact on the surrounding groundwater quality.	
	Lateral migration within groundwater	Surface water receptors	Low	Surface water receptors are 300 – 500m from Site. Impacts on these surface water receptors are unlikely attributable to contaminants	Low



Source	Linkage	Receptor	Risk	Justification / Mitigation	Residual Risk
				originating on-site, and signficant attenuation of contaminants is expected to occur along the contaminant pathway.	
				An impact on surface water receptors from contaminants is unlikely, however will be assessed through assessment of the underlying groundwater contamination status.	
	Vertical migration through Gault Clay Formation	Principal Aquifer – Lower Greensands Formation	Low	Pile foundations which penetrate the Gault Clay Formation may create preferential pathways for the vertical migration of contaminants to the Principal Aquifer in the Lower Greensand Formation. If this is proposed a FWRA will be required to assess the risk posed by the piling methodology and determine the required mitigation measures.	Low



7. Conclusions

Given the proposed end use, current and historical Site use and environmental setting, the overall risk rating for the Site is **Medium**. The recommendations of this report outline preliminary remedial and mitigation measures that require confirmation through additional works. However, once successfully implemented the risks are anticipated to be **Low**. Therefore, the NPPF requirement that on completion the Site can no longer be captured under the Part IIA regime is expected to be met.

A summary of the key findings is included below:

- Site currently in use as a retail centre with potential contaminant sources limited to plant rooms.
- Historically two phases of redevelopment have been identified, the first phase being the Site's use for works, dairy, builders' yard, and warehouses, prior to its redevelopment into its existing Site use by 1994 (second phase). A petrol filling station was part of the original Beehive Centre, however it was demolished and replaced by landscaping by 2003.
- Potentially significant contaminative land uses are immediately surrounding the Site and include infilled gravel and clay pits, petroleum depots, laundries, and various factories and works. Assessment of the Site's impact needs to account for these historical surrounding land uses which may have a larger impact on the surrounding environment than the Site.
- The Site's geology comprises Made Ground (1.0 2.0m thick) underlain by River Terrace Deposits (3.0 5.0m thick) in the southwest corner and underlain by the West Melbury Chalk Formation (3.0 5.0m thick) across the remainder of Site. The presence, extent, and thickness of the River Terrace Deposits, and West Melbury Chalk Formation whilst indicated on BGS maps is unclear and may be absent. Where these deposits are absent the Gault Clay Formation will directly underlie the Made Ground and will restrict the lateral and vertical migration of contaminants.
- Significant ground gas generation sources have not been identified, with the Made Ground likely
 comprising a granular generally inert material, and landfills absent in the surrounding area. A historical
 infilled pond on-site and relatively large, infilled gravel and clay pits off-site have been recorded. Given
 the age of the material infilled they are unlikely to pose a significant ground gas risk. However,
 confirmation of the ground gas regime and risk is required as part of a ground investigation.
- A potentially significant vapour regime is present on-site with on and off-site possible vapour sources identified.
- Potential contaminant sources have been recorded on-site which could impact the Secondary A and Principal Aquifer in the River Terrace Deposits and West Melbury Chalk Formation, where present onsite. Possible sources include the Made Ground, historical Site uses, and the decommissioned petrol filling station on-site. Several potentially significant off-site contaminative land uses are present. Their impact on groundwater should be accounted for in the assessment of the Site's impact to groundwater.
- The Gault Clay Formation (30m thick) where remaining unpenetrated by deep foundations will form an aquiclude preventing the vertical migration of contaminants to the underlying Principal Aquifer in the Lower Greensand Formation.



8. Recommendations

The following actions are recommended to address the potentially unacceptable risks identified:

Pre-Planning

 An update to this report following liaison with the regulatory authorities including the Cambridge Council EHO, and completion of a Site walkover.

Pre-Construction

- Completion of a targeted investigation, including:
 - Confirmation of ground conditions including Made Ground composition, thickness, and extent/presence of the River Terrace Deposits, and West Melbury Chalk Formation.
 - Targeted soil sampling for the identified contaminants of concern.
 - Installation of monitoring wells to establish and confirm the ground gas and vapour regime, and groundwater quality in the River Terrace Deposits and West Melbury Chalk Formation.
 - Confirmation of the hydraulic continuity between the River Terrace Deposits and West Melbury Chalk Formation, and confirmation of groundwater flow direction.
- The investigation results should be assessed within a Generic Quantitative Risk Assessment (GQRA) report which includes an updated CSM.
- Following completion of the GQRA, a Detailed Quantitative Risk Assessment (DQRA) may be required to further assess the risk to receptors.
- Production of a Remediation Strategy, detailing the remedial measures required to break the pollutant linkages as assessed within the GQRA and DQRA.
- Where piles penetrate the Lower Greensands Formation, a FWRA may be required to limit the creation of preferential pathways.

During and Post Construction

- Construction workers should wear the appropriate Personal Protective Equipment (PPE), Respiratory
 Protective Equipment (RPE), adhere to good practice hygiene and safety measures, the Confined Space
 Regulations 1997 and the Control of Asbestos Regulations 2012.
- During construction, potentially contaminative substances should be stored and handled in accordance with the COSHH Regulations 2002 to prevent fugitive emissions migrating to the Made Ground and underlying groundwater.
- Buried foundations and services should be appropriately designed to accommodate the potentially aggressive ground conditions on-site.
- During construction, dust suppression techniques should be implemented to minimise the dispersion of contaminants within dust.
- Post completion of the Development, a Verification Report should be prepared detailing the remedial measures undertaken during the Development and confirming all pollutant linkages have been broken.

Other Issues

• The Site is in a designated conservation area. Consultation with a suitable heritage/archaeological consultant should be completed to determine whether any actions are required going forward.



•	A UXO report has not been undertaken. Given the Site's city centre location advice should be sought
	on the Site's UXO risk prior to intrusive works.



APPENDICES

A. Site Plans

- Site Location Plan
- Site Plan

DO NOT SCALE Orientation D1 05.07.24 Rev. Date **RAILPEN** 1004 Scale @A1 1:2500 **Boundaries** PO - LDA - ZZ - XX - DR - A - 08000 Application Boundary
Other land owned by the Applicant

Dimensions to be verified on site.
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The Beehive Redevelopment

Drawing Title

Site Location Plan

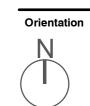
Project Number Suitability Checked by HN Date 03.08.2023 File Identifier Revision D1

Purpose of Issue PLANNING ISSUE Project Status

Copyright is reserved by them and the drawing is issued on the condition that it is not copied, reproduced, retained or disclosed to any unauthorised person without the prior consent in writing of Leonard Design Architects Ltd. All rights Allotment Gardens The Beehive Centre STONE STREET Rev. Date 17 18 20 21 23 24 **Boundaries** Application Boundary

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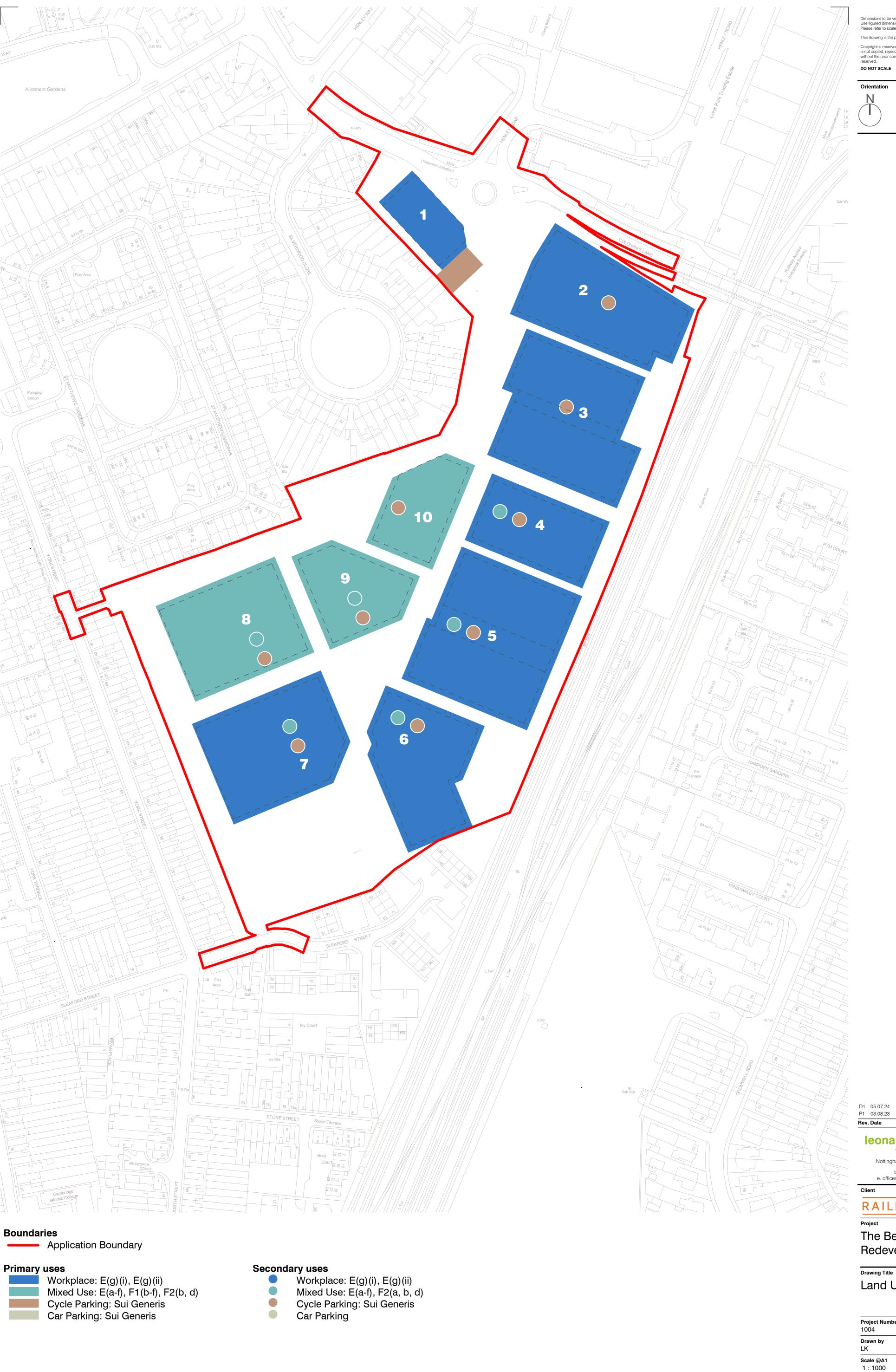
RAILPEN

The Beehive Redevelopment

Drawing Title Existing Site Plan

Project Number Suitability 1004 Checked by HN Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision D1 PO - LDA - ZZ - XX - DR - A - 08001

Purpose of Issue
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RIDGELIFT

RAILPEN

The Beehive Redevelopment

Drawing Title

Land Use - Ground Floor

Project Number Suitability Checked by ΗN Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision D1 PO - LDA - ZZ - XX - DR - A - 08004

Purpose of Issue PLANNING ISSUE

Notes:

A use is classed as primary if it occupies more than 50% of the useable floorspace of an individual floor.

A use is classed as secondary if it occupies less than 50% of the useable floorspace of an individual floor.

Basement provision for ancilliary cycle parking and supporting building infrastructure to be determined at reserved matters applications.

Orientation Allotment Gardens D1 05.07.24 STONE STREET Rev. Date 18 21 24 **RAILPEN Boundaries** The Beehive **Application Boundary** Primary uses Drawing Title Workplace: E(g)(i), E(g)(ii) Mixed Use: E(a-f), F1(b-f), F2(b, d) Cycle Parking: Sui Generis Car Parking: Sui Generis 1004

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RIDGELIFT

Redevelopment

Land Use - Upper Floors

Project Number Suitability Checked by HN Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision D1 PO - LDA - ZZ - XX - DR - A - 08005

Purpose of Issue PLANNING ISSUE

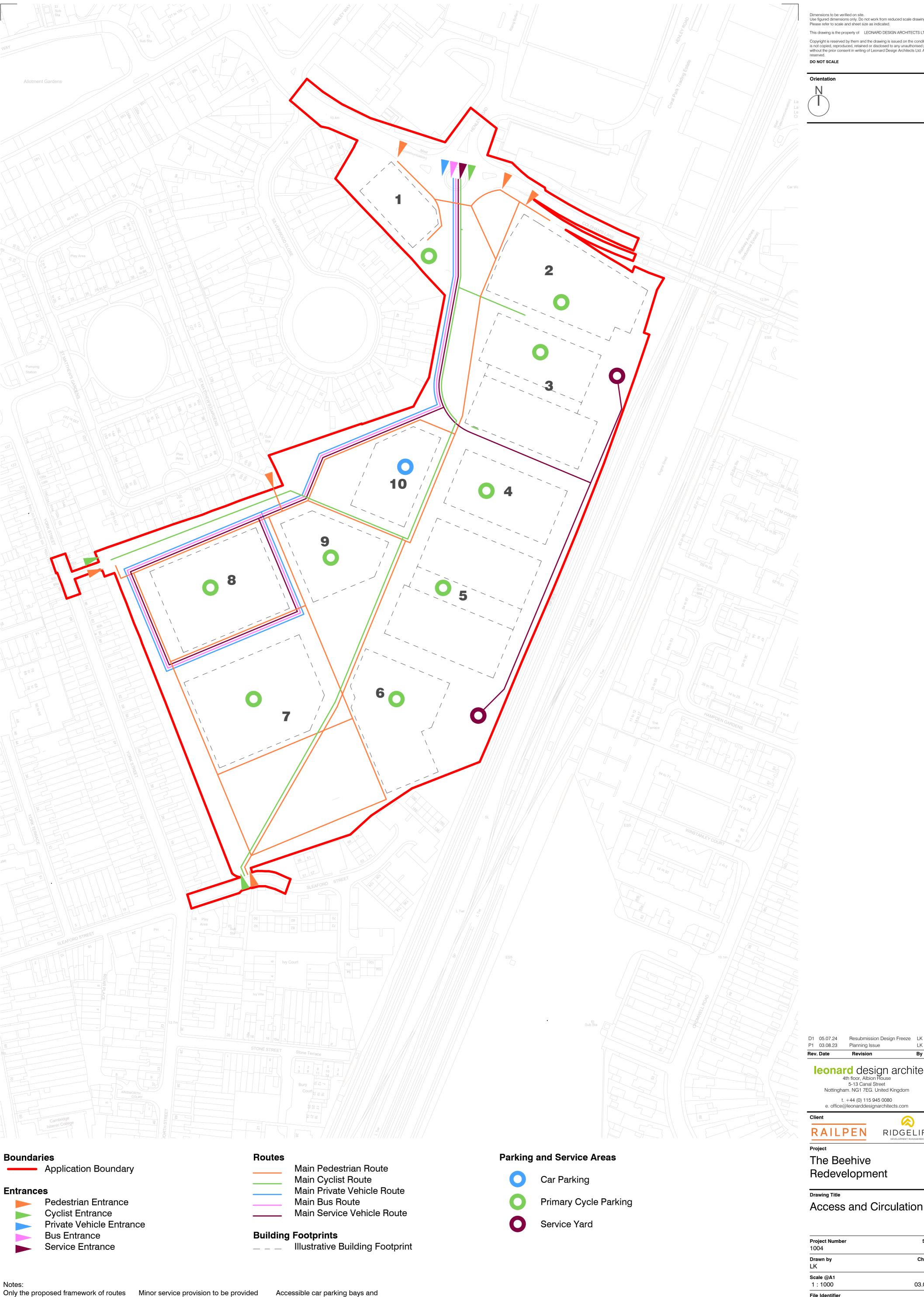
PLANNING

Notes:

A use is classed as primary if it occupies more than 50% of the useable floorspace of an individual floor.

A use is classed as secondary if it occupies less than 50% of the useable floorspace of an individual floor.

Provision for roof terraces and plant areas to be determined at reserved matters applications.



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RAILPEN

RIDGELIFT

Redevelopment

Drawing Title

Project Number Suitability 1004 Checked by Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision D1 PO - LDA - ZZ - XX - DR - A - 08006

Purpose of Issue PLANNING ISSUE

PLANNING

Additional supporting routes may be proposed at reserved matters stage Strategic cycle parking indicated only

as approximate locations

is presented, not their precise

alignment

Minor service provision to be provided as part of reserved matters applications for individual buildings

Additional cycle parking locations (e.g sheffield hoops) to be provided externally across the site

roadside drop-off and service bays to be provided adjacent to buildings as required

Illustrative building footprints are subject to the parameters laid out on the Maximum 'Building Heights and Plots' parameter plan



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Orientation

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RIDGELIFT

RAILPEN

The Beehive

Redevelopment

Drawing Title Landscape and Open

Space

Project Number 1004	Suitability
Drawn by LK	Checked by HN
Scale @A1 1:1000	Date 03.08.2023
File Identifier	Revision
PO - LDA - ZZ - XX - DR - A - 08007	D1

Purpose of Issue PLANNING ISSUE

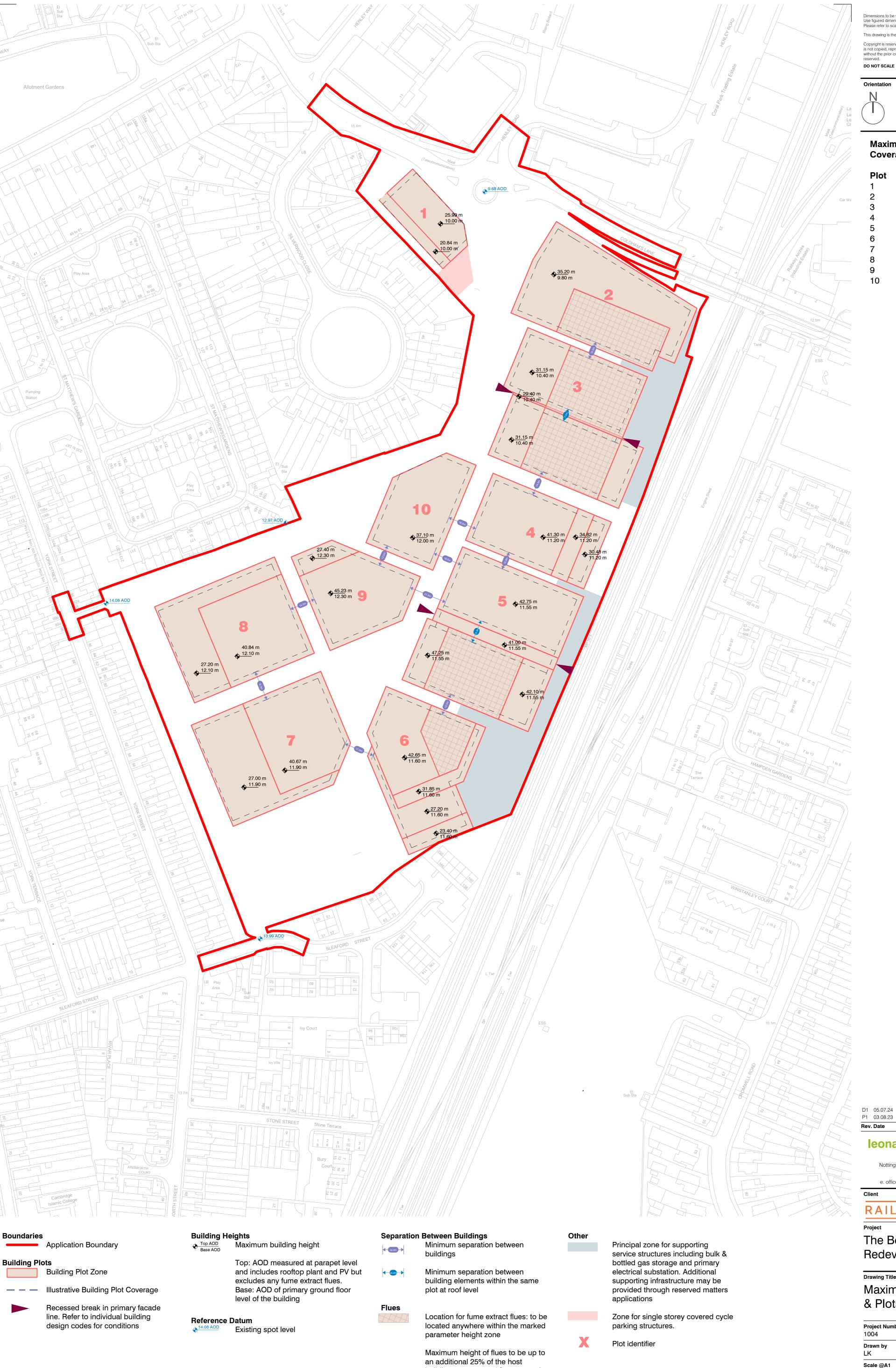
PLANNING

Illustrative building footprints are subject to the parameters laid out on '08001 -Maximum Building Heights and Plots

Notes:

Final design of the landscape is subject to reserved matters applications

Please refer to drawing 08001 for parameters relating to building footprints



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Maximum Percentage Plot Coverage

. 			
Percentage			
90.0%			
85.0%			
85.0%			
80.0%			
87.5%			
82.5%			
87.5%			
87.5%			
80.0%			
82.5%			

D1 05.07.24 Resubmission Design Freeze P1 03.08.23 LK HN Planning Issue By Checked Rev. Date Revision

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RAILPEN RIDGELIFT

The Beehive Redevelopment

Drawing Title

Maximum Building Heights & Plots

Project Number Suitability Drawn by Checked by ΗN Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision D1 PO - LDA - ZZ - XX - DR - A - 08003

Purpose of Issue PLANNING ISSUE

PLANNING

Size of buildings footprints to be controlled as a percentage coverage of maximum building plots please refer to table in side bar of this sheet

Building envelope for lift overruns and access stairs may protrude past the maximum parameter height of Plot 10 only by a maximum of 1250mm

building as measured from ground floor to its highest point

No. of flues at each location to be determined at reserved matters applications

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Planning Issue

Revision

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RAILPEN

RIDGELIFT

LK HN

By Checked

P1

The Beehive Redevelopment

Drawing Title Existing Site Plan

Project Number Suitability Checked by ΗN Scale @A1 Date 1:1000 03.08.2023 File Identifier Revision

PO - LDA - ZZ - XX - DR - A - 08001 Purpose of Issue PLANNING ISSUE



B. Consultation Information



Enviro+Geo Insight

B & M BARGAINS, UNIT 4, COLDHAMS LANE, CAMBRIDGE, CB1 3ET

Order Details

Date: 10/07/2020

Your ref: WIE17469_-_Beehive_-_Req105105

Our Ref: WTM1-6857309

Client: Waterman Infrastructure & Environment Limited

Site Details

Location: 546677 258593

Area: 7.22 ha

Authority: Cambridge City Council



Summary of findings

p. 2 Aerial image

p. 8

OS MasterMap site plan

p.13 groundsure.com/insightuserguide



Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
<u>14</u>	<u>1.1</u>	<u>Historical industrial land uses</u>	17	18	47	65	-
<u>20</u>	<u>1.2</u>	<u>Historical tanks</u>	0	15	22	61	-
<u>24</u>	<u>1.3</u>	<u>Historical energy features</u>	2	1	19	34	-
<u>26</u>	<u>1.4</u>	<u>Historical petrol stations</u>	1	0	1	0	-
<u>27</u>	<u>1.5</u>	Historical garages	0	4	11	28	-
28	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
<u>29</u>	<u>2.1</u>	Historical industrial land uses	25	24	58	87	-
<u>37</u>	<u>2.2</u>	<u>Historical tanks</u>	0	39	39	107	-
<u>43</u>	2.3	Historical energy features	6	3	38	75	-
<u>48</u>	2.4	<u>Historical petrol stations</u>	2	0	2	0	-
<u>49</u>	<u>2.5</u>	Historical garages	0	5	22	45	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
52	3.1	Active or recent landfill	0	0	0	0	-
52 52	3.1	Active or recent landfill Historical landfill (BGS records)	0	0	0	0	-
							-
52	3.2	Historical landfill (BGS records)	0	0	0	0	-
52 53	3.2	Historical landfill (BGS records) Historical landfill (LA/mapping records)	0	0	0	0	-
525353	3.2 3.3 3.4	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records)	0 0	0 0	0 0	0 0	-
52 53 53 53	3.2 3.3 3.4 3.5	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites	0 0 0	0 0 0 1	0 0 0 3	0 0 0	-
52 53 53 53 55	3.2 3.3 3.4 3.5 3.6	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites	0 0 0 0	0 0 0 1	0 0 0 3	0 0 0 11	- - - - - 500-2000m
52 53 53 53 55 55	3.2 3.3 3.4 3.5 3.6 3.7	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions	0 0 0 0 0	0 0 0 1 0	0 0 0 3 0	0 0 0 11 0	- - - - - 500-2000m
52 53 53 53 55 55 Page	3.2 3.3 3.4 3.5 3.6 3.7 Section	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions Current industrial land use	0 0 0 0 0 7	0 0 0 1 0 0	0 0 3 0 2 50-250m	0 0 0 11 0	- - - - - 500-2000m
52 53 53 53 55 55 Page	3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions Current industrial land use Recent industrial land uses	0 0 0 0 0 7 On site	0 0 1 0 0 0-50m	0 0 3 0 2 50-250m	0 0 0 11 0 1 250-500m	- - - - - 500-2000m
52 53 53 55 55 Page 57 61	3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions Current industrial land use Recent industrial land uses Current or recent petrol stations	0 0 0 0 7 On site	0 0 0 1 0 0 0-50m	0 0 0 3 0 2 50-250m	0 0 11 0 1 250-500m	- - - - - 500-2000m
52 53 53 55 55 Page 57 61	3.2 3.3 3.4 3.5 3.6 3.7 Section 4.1 4.2 4.3	Historical landfill (BGS records) Historical landfill (LA/mapping records) Historical landfill (EA/NRW records) Historical waste sites Licensed waste sites Waste exemptions Current industrial land use Recent industrial land uses Current or recent petrol stations Electricity cables	0 0 0 0 7 On site	0 0 0 1 0 0 0-50m 13 0	0 0 3 0 2 50-250m 37 3	0 0 11 0 1 250-500m	- - - - - 500-2000m





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

<u>62</u>	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	1	-
62	4.7	Regulated explosive sites	0	0	0	0	-
<u>62</u>	4.8	Hazardous substance storage/usage	0	0	0	1	-
63	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
63	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
<u>63</u>	<u>4.11</u>	Licensed pollutant release (Part A(2)/B)	1	1	1	3	-
64	4.12	Radioactive Substance Authorisations	0	0	0	0	-
<u>64</u>	4.13	Licensed Discharges to controlled waters	0	0	4	5	-
66	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
<u>66</u>	<u>4.15</u>	Pollutant release to public sewer	0	3	1	1	-
<u>67</u>	4.16	List 1 Dangerous Substances	0	1	0	0	-
<u>67</u>	4.17	List 2 Dangerous Substances	1	1	3	4	-
<u>68</u>	4.18	Pollution Incidents (EA/NRW)	0	0	0	2	-
68	4.19	Pollution inventory substances	0	0	0	0	-
68	4.20	Pollution inventory waste transfers	0	0	0	0	-
69	4.21	Pollution inventory radioactive waste	0	0	0	0	_
Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
		, 6 61					
<u>70</u>	<u>5.1</u>	Superficial aquifer	Identified (within 500m)		
70 71	<u>5.1</u> <u>5.2</u>			within 500m within 500m			
		Superficial aquifer	Identified (
<u>71</u>	<u>5.2</u>	Superficial aquifer Bedrock aquifer	Identified (within 500m within 50m)			
71 73	<u>5.2</u> <u>5.3</u>	Superficial aquifer Bedrock aquifer Groundwater vulnerability	Identified (within 500m within 50m) within 0m)			
71 73 74	5.2 5.3 5.4	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk	Identified (within 500m within 50m) within 0m)		1	27
71 73 74 74	5.25.35.45.5	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information	Identified (Identified (Identified (None (with	within 500m within 50m) within 0m) in 0m))	1	27 2
71 73 74 74 76	5.25.35.45.55.6	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions	Identified (Identified (Identified (None (with	within 500m within 50m) within 0m) in 0m)	1		
71 73 74 74 76 83	5.25.35.45.55.65.7	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions	Identified (*Identified (*Ident	within 500m within 50m) within 0m) in 0m) 0	1 0	0	2
71 73 74 74 76 83 84	 5.2 5.3 5.4 5.5 5.6 5.7 5.8 	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions Potable abstractions	Identified (*) Identified (*) Identified (*) None (with 0 0 0	within 500m within 50m) within 0m) 0 0 0	1 0 0	0	2
71 73 74 74 76 83 84	5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9	Superficial aquifer Bedrock aquifer Groundwater vulnerability Groundwater vulnerability- soluble rock risk Groundwater vulnerability- local information Groundwater abstractions Surface water abstractions Potable abstractions Source Protection Zones	Identified (Identified (Identified (None (with 0 0 0	within 500m within 50m) within 0m) 0 0 0 0	1 0 0	0 0	2



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

<u>86</u>	<u>6.2</u>	Surface water features	0	0	3	-	-
<u>86</u>	<u>6.3</u>	WFD Surface water body catchments	1	-	-	-	-
<u>87</u>	<u>6.4</u>	WFD Surface water bodies	0	0	0	-	-
<u>87</u>	<u>6.5</u>	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
88	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (with	in 50m)			
88	7.2	Historical Flood Events	0	0	0	-	-
88	7.3	Flood Defences	0	0	0	-	-
88	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
89	7.5	Flood Storage Areas	0	0	0	-	-
90	7.6	Flood Zone 2	None (with	in 50m)			
90	7.7	Flood Zone 3	None (with	in 50m)			
Page	Section	Surface water flooding					
<u>91</u>	<u>8.1</u>	Surface water flooding	1 in 30 yea	r, 0.3m - 1.0r	n (within 50	m)	
Page	Section	Groundwater flooding					
Page <u>93</u>	Section 9.1	Groundwater flooding Groundwater flooding	Moderate (within 50m)			
			Moderate (within 50m) 0-50m	50-250m	250-500m	500-2000m
<u>93</u>	<u>9.1</u>	Groundwater flooding				250-500m	500-2000m
93 Page	9.1 Section	Groundwater flooding Environmental designations	On site	0-50m	50-250m		
93 Page	9.1 Section	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI)	On site	0-50m	50-250m 0	0	0
93 Page 94 95	9.1 Section 10.1 10.2	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites)	On site 0	0-50m 0	50-250m 0 0	0	0
93 Page 94 95 95	9.1 Section 10.1 10.2 10.3	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC)	On site 0 0 0	0-50m 0 0	50-250m 0 0	0 0	0 0
93 Page 94 95 95	9.1 Section 10.1 10.2 10.3 10.4	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA)	On site 0 0 0 0	0-50m 0 0 0	50-250m 0 0 0	0 0 0	0 0 0
93 Page 94 95 95 95	9.1 Section 10.1 10.2 10.3 10.4 10.5	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR)	On site 0 0 0 0 0	0-50m 0 0 0	50-250m 0 0 0 0	0 0 0 0	0 0 0 0
93 Page 94 95 95 95 95	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR)	On site 0 0 0 0 0 0	0-50m 0 0 0 0	50-250m 0 0 0 0 0 1	0 0 0 0 0	0 0 0 0 0 8
93 Page 94 95 95 95 95 96	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR) Designated Ancient Woodland	On site 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0	50-250m 0 0 0 0 1	0 0 0 0 0 1	0 0 0 0 0 8
93 Page 94 95 95 95 96 96 97	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7	Groundwater flooding Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR) Designated Ancient Woodland Biosphere Reserves	On site 0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0 0	50-250m 0 0 0 0 1 0 0	0 0 0 0 0 1 0	0 0 0 0 0 8 0
93 Page 94 95 95 95 96 96 97	9.1 Section 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9	Environmental designations Sites of Special Scientific Interest (SSSI) Conserved wetland sites (Ramsar sites) Special Areas of Conservation (SAC) Special Protection Areas (SPA) National Nature Reserves (NNR) Local Nature Reserves (LNR) Designated Ancient Woodland Biosphere Reserves Forest Parks	On site 0 0 0 0 0 0 0 0 0 0 0	0-50m 0 0 0 0 0 0 0 0 0 0	50-250m 0 0 0 0 1 0 0 0	0 0 0 0 0 1 0	0 0 0 0 0 8 0



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98	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
98	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
98	10.15	Nitrate Sensitive Areas	0	0	0	0	0
<u>99</u>	<u>10.16</u>	Nitrate Vulnerable Zones	2	0	0	0	0
<u>100</u>	<u>10.17</u>	SSSI Impact Risk Zones	2	-	-	-	-
101	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
102	11.1	World Heritage Sites	0	0	0	-	-
103	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
103	11.3	National Parks	0	0	0	-	-
<u>103</u>	<u>11.4</u>	Listed Buildings	0	0	2	-	-
<u>104</u>	<u>11.5</u>	Conservation Areas	1	0	0	-	-
104	11.6	Scheduled Ancient Monuments	0	0	0	-	-
104	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
<u>105</u>	<u>12.1</u>	Agricultural Land Classification	Urban (with	nin 250m)			
<u>106</u>	<u>12.2</u>	Open Access Land	0	0	4	-	-
106	12.2						
	12.3	Tree Felling Licences	0	0	0	-	-
106	12.4	Tree Felling Licences Environmental Stewardship Schemes	0	0	0	-	-
						- - -	-
106	12.4	Environmental Stewardship Schemes	0	0	0	- - - 250-500m	- - 500-2000m
106 106	12.4	Environmental Stewardship Schemes Countryside Stewardship Schemes	0	0	0	- - 250-500m	- - 500-2000m
106 106 Page	12.4 12.5 Section	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations	0 0 On site	0 0 0-50m	0 0 50-250m	- - 250-500m -	- - 500-2000m
106 106 Page	12.4 12.5 Section 13.1	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory	0 0 On site	0 0 0-50m	0 0 50-250m	- - 250-500m - -	- - 500-2000m - -
106 106 Page 108	12.4 12.5 Section 13.1 13.2	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory Habitat Networks	0 0 On site 0	0 0 0-50m 0	0 0 50-250m 0	- - 250-500m - - -	- 500-2000m - -
106 106 Page 108 108	12.4 12.5 Section 13.1 13.2 13.3	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory Habitat Networks Open Mosaic Habitat	0 0 On site 0 0	0 0 0-50m 0 0	0 0 50-250m 0 0	- - 250-500m - - - - 250-500m	- 500-2000m - - - - 500-2000m
106 106 Page 108 108 108	12.4 12.5 Section 13.1 13.2 13.3	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory Habitat Networks Open Mosaic Habitat Limestone Pavement Orders	0 0 On site 0 0 0	0 0 0-50m 0 0	0 0 50-250m 0 0 0 50-250m	- - -	- - -
106 106 Page 108 108 108 Page	12.4 12.5 Section 13.1 13.2 13.3 13.4 Section	Environmental Stewardship Schemes Countryside Stewardship Schemes Habitat designations Priority Habitat Inventory Habitat Networks Open Mosaic Habitat Limestone Pavement Orders Geology 1:10,000 scale	0 0 On site 0 0 0	0 0 0-50m 0 0 0	0 0 50-250m 0 0 0 50-250m	- - -	- - -



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112	14.4	Landslip (10k)	0	0	0	0	-
<u>113</u>	<u>14.5</u>	Bedrock geology (10k)	1	1	1	0	-
114	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
115	<u>15.1</u>	50k Availability	Identified (within 500m)	•	
116	15.2	Artificial and made ground (50k)	0	0	0	0	-
116	15.3	Artificial ground permeability (50k)	0	0	-	-	-
<u>117</u>	<u>15.4</u>	Superficial geology (50k)	1	0	0	2	-
<u>118</u>	<u>15.5</u>	Superficial permeability (50k)	Identified (within 50m)			
118	15.6	Landslip (50k)	0	0	0	0	-
118	15.7	Landslip permeability (50k)	None (with	in 50m)			
<u>119</u>	<u>15.8</u>	Bedrock geology (50k)	1	1	2	0	-
<u>120</u>	<u>15.9</u>	Bedrock permeability (50k)	Identified (within 50m)			
120	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
<u>121</u>	<u>16.1</u>	BGS Boreholes	0	2	6	-	-
Page	Section	Natural ground subsidence					
<u>123</u>	<u>17.1</u>	Shrink swell clays	Moderate ((within 50m)			
<u>124</u>	<u>17.2</u>	Running sands	Very low (v	vithin 50m)			
<u>126</u>	<u>17.3</u>	Compressible deposits	Negligible ((within 50m)			
<u>127</u>	<u>17.4</u>	Collapsible deposits	Very low (v	vithin 50m)			
<u>128</u>	<u>17.5</u>	<u>Landslides</u>	Very low (v	vithin 50m)			
<u>130</u>	<u>17.6</u>	Ground dissolution of soluble rocks	Very low (v	vithin 50m)			
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
132	18.1	Natural cavities	0	0	0	0	-
<u>133</u>	<u>18.2</u>	<u>BritPits</u>	0	0	2	3	-
<u>134</u>	<u>18.3</u>	Surface ground workings	1	13	19	-	-
135	18.4	Underground workings	0	0	0	0	0
135	18.5	Historical Mineral Planning Areas	0	0	0	0	-



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<u>135</u>	<u>18.6</u>	Non-coal mining	1	0	0	0	0
<u>136</u>	<u>18.7</u>	Mining cavities	0	0	1	3	7
137	18.8	JPB mining areas	None (with	in 0m)			
137	18.9	Coal mining	None (with	in 0m)			
137	18.10	Brine areas	None (with	in 0m)			
137	18.11	Gypsum areas	None (with	in 0m)			
137	18.12	Tin mining	None (with	in 0m)			
138	18.13	Clay mining	None (with	in 0m)			
Page	Section	Radon					
<u>139</u>	<u>19.1</u>	Radon	Less than 1	% (within 0n	n)		
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
<u>140</u>	<u>20.1</u>	BGS Estimated Background Soil Chemistry	6	3	-	-	-
141	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
141	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
142	21.1	Underground railways (London)	0	0	0	-	-
142	21.2	Underground railways (Non-London)	0	0	0	-	-
143	21.3	Railway tunnels	0	0	0	-	-
<u>143</u>	<u>21.4</u>	Historical railway and tunnel features	18	28	15	-	-
145	21.5	Royal Mail tunnels	0	0	0	-	-
146	21.6	Historical railways	0	0	0	-	-
<u>146</u>	<u>21.7</u>	Railways	0	21	13	-	-
147	21.8	Crossrail 1	0	0	0	0	-
147	21.9	Crossrail 2	0	0	0	0	-
148	21.10	HS2	0	0	0	0	-



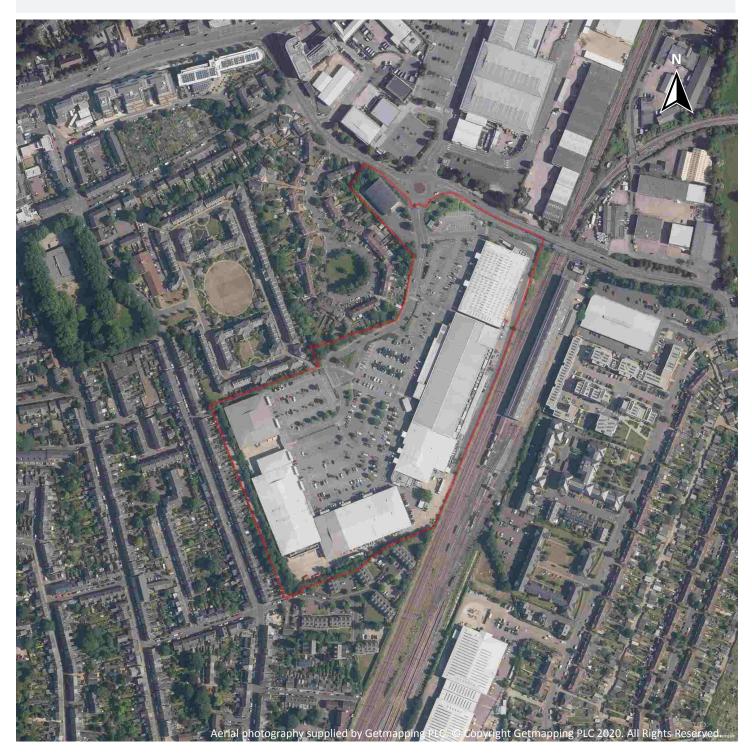
08444 159 000



Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Recent aerial photograph



Capture Date: 04/06/2017

Site Area: 7.22ha

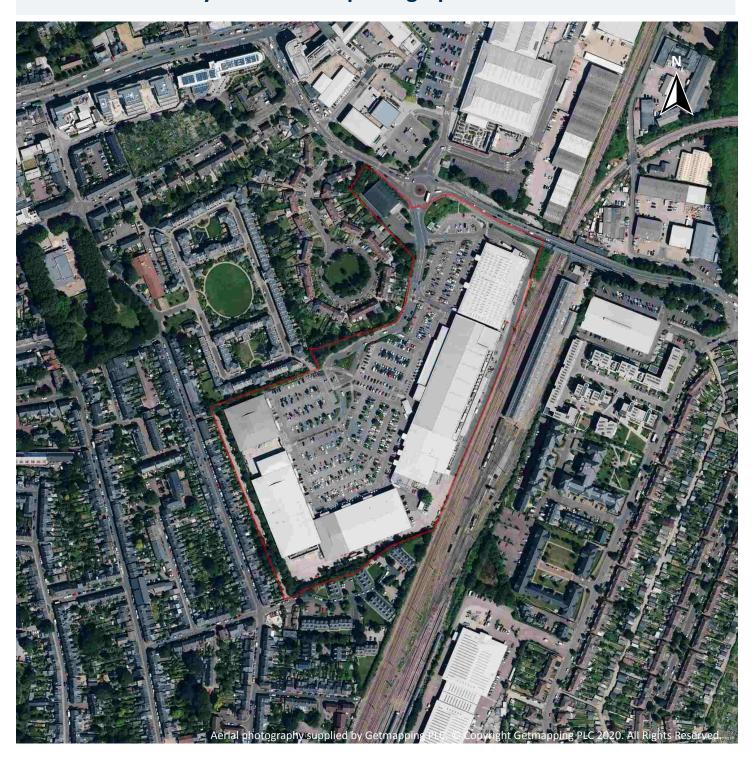




Your ref: WIE17469_-_Beehive_-_Req105105 **Grid ref**: 546677 258593



Groundsure



Capture Date: 18/07/2016

Site Area: 7.22ha



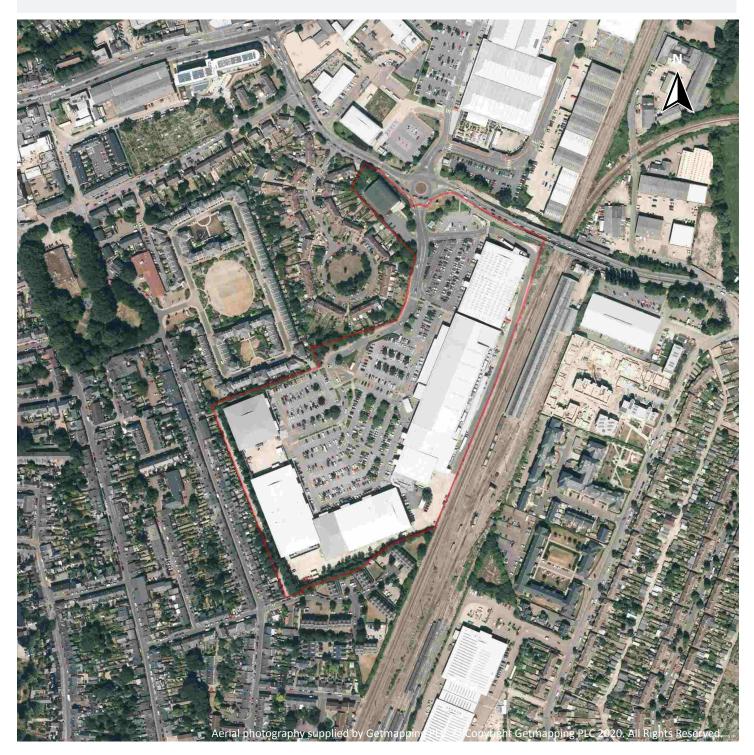


Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Recent site history - 2013 aerial photograph

Groundsure



Capture Date: 19/07/2013

Site Area: 7.22ha





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Recent site history - 2007 aerial photograph

Groundsure



Capture Date: 03/06/2007

Site Area: 7.22ha





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Recent site history - 1999 aerial photograph



Capture Date: 18/07/1999

Site Area: 7.22ha

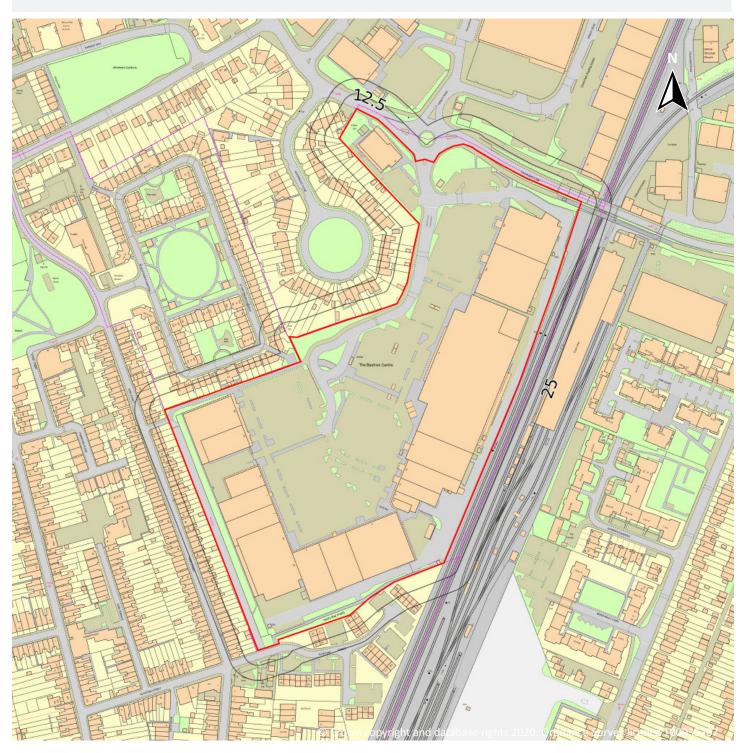




Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

OS MasterMap site plan



Site Area: 7.22ha

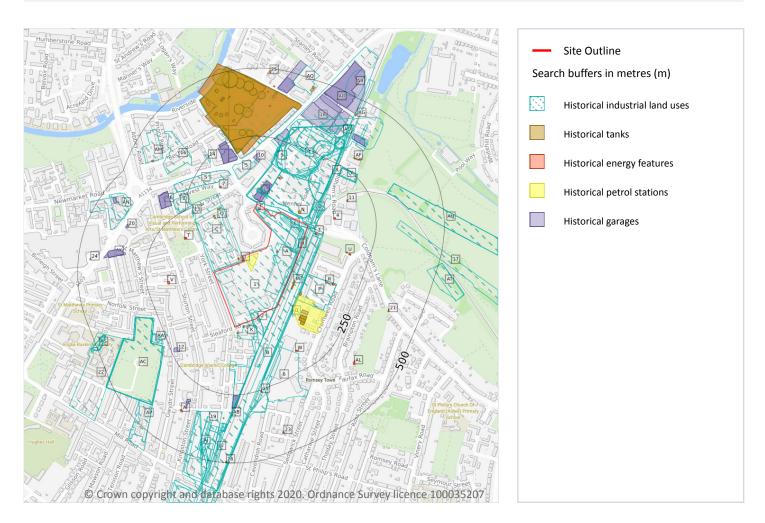




Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

1 Past land use



1.1 Historical industrial land uses

Records within 500m 147

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
1	On site	Unspecified Commercial/Industrial	1973 - 1984	2067127





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
2	On site	Railway Building	1973 - 1984	2115630
Α	On site	Unspecified Warehouse	1973 - 1984	2074145
Α	On site	Unspecified Warehouse	1991	2102697
В	On site	Railway Sidings	1901	2039982
В	On site	Railway Sidings	1959	2073617
В	On site	Railway Sidings	1991	2087814
В	On site	Railway Sidings	1938 - 1950	2090060
С	On site	Gravel Pit	1886	2055683
С	On site	Unspecified Works	1973 - 1991	2076265
D	On site	Coal Yard	1886 - 1901	2096461
E	On site	Railway Sidings	1973	2097245
E	On site	Railway Sidings	1925	2114571
F	On site	Unspecified Works	1959	2063946
G	On site	Daile and Cidina	4070 4004	2420206
u	Oli site	Railway Sidings	1973 - 1984	2120206
Н	On site	Railway Sidings	1886	2122591
Н	On site	Railway Sidings	1886	2122591
H	On site	Railway Sidings Railway Building	1886 1973	2122591 2051732
H I F	On site On site 3m NE	Railway Sidings Railway Building Brick and Tile Works	1886 1973 1950	2122591 2051732 2083477
Н I F	On site On site 3m NE 5m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works	1886 1973 1950 1925	2122591 2051732 2083477 2063769
н г г г	On site On site 3m NE 5m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works	1886 1973 1950 1925 1938	2122591 2051732 2083477 2063769 2098839
H F F D	On site On site 3m NE 5m NE 5m N 7m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings	1886 1973 1950 1925 1938 1950 - 1959	2122591 2051732 2083477 2063769 2098839 2100387
H F F C K	On site On site 3m NE 5m NE 5m N 7m NE 9m S	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Unspecified Depot	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984	2122591 2051732 2083477 2063769 2098839 2100387 2077386
H F F C D K	On site On site 3m NE 5m NE 5m N 7m NE 9m S 11m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings Unspecified Depot Railway Sidings	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984 1901	2122591 2051732 2083477 2063769 2098839 2100387 2077386 2090374
H F F C D C D	On site On site 3m NE 5m NE 5m N 7m NE 9m S 11m NE 11m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings Unspecified Depot Railway Sidings Railway Sidings	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984 1901 1886	2122591 2051732 2083477 2063769 2098839 2100387 2077386 2090374 2113347
H I F F D K D D F	On site On site 3m NE 5m NE 5m N 7m NE 9m S 11m NE 11m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings Unspecified Depot Railway Sidings Railway Sidings Unspecified Heap	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984 1901 1886 1925	2122591 2051732 2083477 2063769 2098839 2100387 2077386 2090374 2113347 2096432
H I F F D K D F F F F F	On site On site 3m NE 5m NE 5m N 7m NE 9m S 11m NE 11m NE 17m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings Unspecified Depot Railway Sidings Railway Sidings Unspecified Heap Unspecified Ground Workings	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984 1901 1886 1925 1950	2122591 2051732 2083477 2063769 2098839 2100387 2077386 2090374 2113347 2096432 2095620
H I F F D K D F F F F F	On site On site 3m NE 5m NE 5m N 7m NE 9m S 11m NE 11m NE 17m NE 17m NE	Railway Sidings Railway Building Brick and Tile Works Brick and Tile Works Brick and Tile Works Railway Sidings Unspecified Depot Railway Sidings Railway Sidings Unspecified Heap Unspecified Ground Workings Unspecified Ground Workings	1886 1973 1950 1925 1938 1950 - 1959 1973 - 1984 1901 1886 1925 1950	2122591 2051732 2083477 2063769 2098839 2100387 2077386 2090374 2113347 2096432 2095620 2083350



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ID	Location	Land use	Dates present	Group ID
L	39m NE	Unspecified Heap	1950	2069187
L	39m NE	Unspecified Heap	1938	2098910
L	39m NE	Unspecified Heap	1938	2116546
D	41m NE	Railway Sidings	1938	2083995
L	42m NE	Unspecified Heap	1959	2086729
D	44m NE	Railway Sidings	1925	2085142
0	55m SE	Unspecified Depot	1973 - 1991	2064857
Р	56m SE	Unspecified Factory	1991	2084992
Р	56m SE	Unspecified Factory	1984	2099676
Р	56m SE	Unspecified Factory	1973	2117896
Ο	80m SE	Unspecified Tanks	1973 - 1991	2101720
В	95m S	Railway Sidings	1886	2067357
5	115m NW	Unspecified Works	1973	2046451
G	119m S	Unspecified Works	1973	2094099
6	123m SE	Unspecified Commercial/Industrial	1959	2058300
В	125m SE	Railway Building	1973 - 1984	2121251
F	125m NE	Brick Works	1886	2049911
Q	125m W	Chimney	1973	2058685
F	126m NE	Brick and Tile Works	1901	2098154
G	126m S	Unspecified Works	1984 - 1991	2075513
F	132m NE	Railway Sidings	1938	2090199
F	140m NE	Railway Sidings	1925	2108195
0	141m SE	Unspecified Tanks	1984 - 1991	2087889
F	143m N	Unspecified Ground Workings	1901	2071591
F	144m N	Clay Pit	1886	2048300
L	145m N	Unspecified Heap	1959	2081170
S	145m NW	Unspecified Factory	1973	2046007
S	145m NW	Unspecified Depot	1984 - 1991	2072486



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8 151m NE Railway Sidings 1925 2092155 9 152m NE Unspecified Pit 1950 - 1959 2081055 F 155m N Unspecified Ground Workings 1959 2112992 B 159m SE Railway Building 1959 2084024 B 160m SE Railway Building 1886 - 1901 2085123 F 167m NE Chimney 1973 2058686 X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1959 2102222	
F 155m N Unspecified Ground Workings 1959 2112992 B 159m SE Railway Building 1959 2084024 B 160m SE Railway Building 1886 - 1901 2085123 F 167m NE Chimney 1973 2058686 X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F <td></td>	
B 159m SE Railway Building 1959 2084024 B 160m SE Railway Building 1886 - 1901 2085123 F 167m NE Chimney 1973 2058686 X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1973 2066582 14	
B 160m SE Railway Building 1886 - 1901 2085123 F 167m NE Chimney 1973 2058686 X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1973 2066582 14	
F 167m NE Chimney 1973 2058686 X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Pit 1886 2041482 F 236	
X 179m N Unspecified Commercial/Industrial 1959 2116116 X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 206582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
X 200m N Gas Works 1886 2069208 X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
X 200m N Unspecified Commercial/Industrial 1901 2070859 X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
X 200m N Gas Works 1950 2084518 F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
F 204m NE Unspecified Ground Workings 1959 2112106 X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
X 205m N Gas Holder Station 1973 2054756 Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
Y 214m NE Laundry 1950 2084877 Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
Y 215m NE Laundry 1938 2077507 Y 215m NE Laundry 1925 2113826 Y 218m NE Laundry 1959 2102222 13 220m N Rope Walk 1886 2049299 F 220m NE Unspecified Ground Workings 1959 2101543 Z 226m W Unspecified Works 1973 2066582 14 230m NW Unspecified Pit 1886 2041482 F 236m N Unspecified Heap 1901 2116122	
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F 236m N Unspecified Heap 1901 2116122	
F 236m N Unspecified Pit 1959 2041478	
Z 238m W Unspecified Works 1984 - 1991 2111368	
AA 240m W Unspecified Depot 1973 2122727	
F 247m NE Unspecified Ground Workings 1959 2098039	
F 254m N Unspecified Ground Workings 1959 2086976	
X 255m N Gasometer 1886 - 1901 2098488	
AC 266m W Cemetery 1927 2104960	



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Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
AC	266m W	Cemetery	1886 - 1901	2108511
AC	266m W	Cemetery	1938 - 1950	2114835
AA	267m W	Unspecified Depot	1984	2121676
AC	270m W	Cemetery	1973	2070232
AC	270m W	Cemetery	1984 - 1991	2096900
AC	270m W	Cemetery	1959	2112205
16	280m NW	Old Gravel Pit	1886	2057696
AA	282m W	Unspecified Depot	1991	2080336
AD	282m NE	Brick and Tile Works	1886	2094499
AD	305m NE	Unspecified Heap	1938	2117136
AD	305m NE	Unspecified Heap	1938	2120809
AD	305m NE	Unspecified Heap	1959	2103231
AG	307m NE	Railway Sidings	1959	2120347
AD	311m NE	Railway Sidings	1938 - 1950	2067107
АН	312m E	Rifle Range	1938	2104736
AB	314m S	Railway Building	1925	2051733
АН	315m E	Rifle Range	1925	2109119
АН	316m E	Rifle Range	1901	2078756
AJ	316m S	Unspecified Commercial/Industrial	1959	2058304
Χ	321m N	Unspecified Tank	1959	2044405
Χ	321m N	Gas Holders	1973	2046799
17	324m E	Rifle Range	1886	2056235
AJ	334m S	Corporation Depot	1927	2074550
AD	335m NE	Unspecified Pit	1959	2041477
AJ	336m SW	Corporation Depot	1938	2099411
AD	340m NE	Unspecified Warehouse	1984 - 1991	2077896
AD	340m NE	Clay Pit	1886	2048301
19	344m S	Railway Building	1925	2051734



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

AB 356m S Railway Building 1959 2087204 AB 357m S Railway Building 1925 2087204 AB 357m S Railway Building 1938 2064835 AD 357m NE Unspecified Warehouse 1973 2085939 AJ 357m NE Railway Sidings 1925 2071973 AJ 772m S Coprolite Mill 1886 2049791 AJ 373m S Railway Sidings 1886 2052218 AD 375m NE Tramway Sidings 1886 2052218 AB 383m NW Unspecified Works 1973-1991 2073009 AB 384m NW Unspecified Depot 1973-1991 2079630 AB 385m N Unspecified Tank 1959 2044406 AJ 385m N Unspecified Tank 1959 2044407 AB 141m N Gas Holders 1973-1991 204420 AB 141m N Gas Holders 1973-1991 2048527	ID	Location	Land use	Dates present	Group ID
AB 357m S Railway Building 1938 2064835 AD 357m NE Unspecified Warehouse 1973 2085939 AJ 362m S Railway Sidings 1925 2071973 AJ 372m S Coprolite Mill 1886 2049791 AJ 373m S Railway Sidings 1886 2052218 AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973-1991 2073009 AN 384m NW Unspecified Depot 1973-1991 2079630 AN 385m NW Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 AJ 385m S Railway Sidings 1925 2044406	АВ	356m S	Railway Building	1959	2086095
AD 357m NE Unspecified Warehouse 1973 2085939 AJ 362m S Railway Sidings 1925 2071973 AJ 372m S Coprolite Mill 1886 2049791 AJ 373m S Railway Sidings 1886 2052218 AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 2079630 AN 385m NW Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 385m N Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 385m N Unspecified Tank 1959 2044406 AJ 414m N Unspecified Tank 1959 2044309 X 414m N Gas Holders 1973 - 1984 2110620	АВ	357m S	Railway Building	1925	2087204
AJ 362m S Railway Sidings 1925 2071973 AJ 372m S Coprolite Mill 1886 2049791 AJ 373m S Railway Sidings 1886 2052218 AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 - 1991 2079630 AN 385m NW Unspecified Tank 1959 2044406 AJ 385m N Unspecified Tank 1959 2044407 AJ 385m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gos Holders 1973 - 1991 2113190 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 436m N Unspecified Tank 1959 2044400	АВ	357m S	Railway Building	1938	2064835
AJ 372m S Coprolite Mill 1886 2049791 AJ 373m S Railway Sidings 1886 2063807 AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 - 1991 2079630 AN 385m NW Unspecified Depot 1984 - 1991 2113303 X 385m NW Unspecified Tank 1959 2044406 AJ 385m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gos Holders 1973 - 1991 2113190 AP 417m SW Unspecified Workhouse 1993 - 1984 2110620 AJ 417m SW Unspecified Tank 1993 - 1994 2048527 AJ 417m SW Unspecified Tank 1995 2044400	AD	357m NE	Unspecified Warehouse	1973	2085939
AJ 373m S Railway Sidings 1886 2053218 AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 2079630 AN 385m NW Unspecified Depot 1984 - 1991 2113303 X 385m N Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Gas Holders 1973 - 1991 2013190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 436m N Gas Holders 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263	AJ	362m S	Railway Sidings	1925	2071973
AD 376m NE Tramway Sidings 1886 2052218 AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 2079630 AN 385m NW Unspecified Depot 1984 - 1991 2113303 X 385m N Unspecified Tank 1959 2044406 AU 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Gas Holders 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1994 2048527 AU 417m SW Unspecified Workhouse 1901 2048527 AU 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082828 <	AJ	372m S	Coprolite Mill	1886	2049791
AM 383m NW Unspecified Works 1973 - 1991 2073009 AN 384m NW Unspecified Depot 1973 2079630 AN 385m NW Unspecified Depot 1984 - 1991 2113303 X 385m N Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1994 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828	AJ	373m S	Railway Sidings	1886	2063807
AN 384m NW Unspecified Depot 1973 2079630 AN 385m NW Unspecified Depot 1984 - 1991 2113303 X 385m N Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1994 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1973 - 1991 2082828 AJ 442m S Corporation Depot 1973 - 1991 2063731 <tr< td=""><td>AD</td><td>376m NE</td><td>Tramway Sidings</td><td>1886</td><td>2052218</td></tr<>	AD	376m NE	Tramway Sidings	1886	2052218
AN 385m NW Unspecified Depot 1984-1991 2113303 X 385m N Unspecified Tank 1959 2044406 AU 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1933 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AM	383m NW	Unspecified Works	1973 - 1991	2073009
X 385m N Unspecified Tank 1959 2044406 AJ 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1994 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1933 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AN	384m NW	Unspecified Depot	1973	2079630
AJ 385m S Railway Sidings 1925 2072955 X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1901 2048527 AJ 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AN	385m NW	Unspecified Depot	1984 - 1991	2113303
X 388m N Unspecified Tank 1959 2044407 22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1933 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	385m N	Unspecified Tank	1959	2044406
22 396m W Nursery 1886 2052726 X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AJ	385m S	Railway Sidings	1925	2072955
X 414m N Unspecified Tank 1959 2044399 X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	388m N	Unspecified Tank	1959	2044407
X 414m N Gas Holders 1973 - 1991 2113190 AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	22	396m W	Nursery	1886	2052726
AP 416m SW Hospital 1973 - 1984 2110620 AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	414m N	Unspecified Tank	1959	2044399
AP 417m SW Unspecified Workhouse 1901 2048527 AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	414m N	Gas Holders	1973 - 1991	2113190
AJ 417m S Iron Foundry 1886 2102212 X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AP	416m SW	Hospital	1973 - 1984	2110620
X 436m N Unspecified Tank 1959 2044400 X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AP	417m SW	Unspecified Workhouse	1901	2048527
X 436m N Gas Holders 1973 - 1991 2082818 AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AJ	417m S	Iron Foundry	1886	2102212
AJ 436m S Railway Buildings 1938 2043263 X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	436m N	Unspecified Tank	1959	2044400
X 439m N Unspecified Tank 1973 - 1991 2082828 AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	436m N	Gas Holders	1973 - 1991	2082818
AJ 442m S Corporation Depot 1950 2063731 AQ 444m N Unspecified Depot 1973 - 1991 2085597	AJ	436m S	Railway Buildings	1938	2043263
AQ 444m N Unspecified Depot 1973 - 1991 2085597	Χ	439m N	Unspecified Tank	1973 - 1991	2082828
	AJ	442m S	Corporation Depot	1950	2063731
AS 454m W Unspecified Pit 1938 2041481	AQ	444m N	Unspecified Depot	1973 - 1991	2085597
	AS	454m W	Unspecified Pit	1938	2041481
AS 454m W Unspecified Ground Workings 1950 2116216	AS	454m W	Unspecified Ground Workings	1950	2116216





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
AS	456m W	Unspecified Ground Workings	1927	2106166
AS	456m W	Unspecified Ground Workings	1959	2117837
AJ	465m S	Railway Building	1925	2051735
AT	466m E	Miniature Rifle Range	1938	2079753
AT	488m E	Miniature Rifle Range	1925	2080516
AR	489m NE	Unspecified Pit	1959	2041476

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m 98

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
10				
J	1m SW	Tanks	1983 - 1994	353909
J	11m N	Tanks	1978 - 1989	356027
K	12m S	Unspecified Tank	1967 - 1982	352754
J	13m N	Unspecified Tank	1967	355500
J	15m SW	Tanks	1978 - 1989	350832
M	20m SE	Tanks	1978 - 1994	352998
M	20m SE	Tanks	1967 - 1999	357399
M	21m SE	Tanks	1978 - 1994	357960
M	21m SE	Tanks	1967 - 1983	358041
M	21m SE	Tanks	1967 - 1989	356338
M	21m SE	Tanks	1967 - 1989	350204
Ν	26m NE	Unspecified Tank	1994	356912



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
N	27m NE	Unspecified Tank	1978 - 1989	352238
N	27m NE	Unspecified Tank	1983	354663
3	35m E	Unspecified Tank	1967 - 1994	358562
M	55m SE	Unspecified Tank	1989	357444
M	56m SE	Unspecified Tank	1994 - 1999	358495
0	90m SE	Tanks	1989 - 1994	358436
0	91m SE	Tanks	1967 - 1994	349968
0	91m SE	Tanks	1967 - 1994	353681
0	92m SE	Tanks	1967	358575
0	92m SE	Tanks	1967	354877
0	92m SE	Tanks	1982 - 1989	352789
0	102m SE	Tanks	1967 - 1994	357880
Q	119m W	Tanks	1984 - 1999	358711
R	129m SE	Unspecified Tank	1967 - 1978	356221
Q	141m W	Tanks	1966 - 1967	357226
F	157m NE	Unspecified Tank	1978 - 1989	355063
F	158m NE	Unspecified Tank	1994	355341
U	163m E	Unspecified Tank	1983	344605
11	166m NE	Unspecified Tank	1967	354233
Χ	188m N	Gas Works	1888 - 1903	353705
Χ	199m N	Gas Works	1967	352298
Χ	199m N	Gas Works	1967	351188
Χ	200m N	Gas Works	1978	349531
Χ	210m N	Gas Works	1968	350781
Χ	211m N	Gas Works	1967	357129
Χ	251m N	Gasometer	1903	347470
15	252m S	Unspecified Tank	1982 - 1999	349843
Χ	257m N	Gasometer	1888	347471



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
Χ	262m NW	Gasholder Station	1972	347702
Χ	293m NW	Tanks	1967 - 1968	353336
AF	298m NE	Unspecified Tank	1978	344595
AF	298m NE	Tanks	1989	349648
AF	298m NE	Tanks	1994	353593
Χ	299m N	Gas Works	1888 - 1903	350745
AF	299m NE	Unspecified Tank	1978	344596
AF	299m NE	Tanks	1989	349913
AF	299m NE	Tanks	1983	356683
Χ	300m N	Gasometer	1888 - 1903	356254
AF	300m NE	Tanks	1989	348505
AF	300m NE	Unspecified Tank	1978	344597
Χ	305m NW	Tanks	1968	348503
Χ	314m N	Unspecified Tank	1967 - 1968	354891
Χ	321m N	Gas Holder	1967 - 1968	358203
AB	336m S	Tanks	1966 - 1967	356659
Χ	337m N	Unspecified Tank	1927	344606
Χ	337m N	Gasometer	1888 - 1903	358307
Χ	342m N	Tanks	1967 - 1968	355043
Χ	347m N	Gasholder	1968	347681
Χ	348m N	Gas Holder	1967	349270
Χ	358m NW	Tanks	1967 - 1968	351022
Χ	361m N	Unspecified Tank	1967 - 1968	354027
Χ	387m NW	Unspecified Tank	1967 - 1968	355509
Χ	387m N	Gas Holder	1967 - 1968	351235
Χ	394m N	Unspecified Tank	1967 - 1968	358213
Χ	398m N	Unspecified Tank	1967 - 1968	355931
Χ	399m N	Unspecified Tank	1927	344607



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land use	Dates present	Group ID
Χ	399m N	Gasometer	1888 - 1903	353140
Χ	401m NW	Tanks	1967 - 1968	358680
Χ	402m N	Unspecified Tank	1968	353875
Χ	403m N	Unspecified Tank	1967 - 1968	349800
Χ	403m N	Unspecified Tank	1967	352923
Χ	407m N	Tanks	1967 - 1968	350383
Χ	412m N	Unspecified Tank	1984 - 1998	354117
Χ	416m N	Gasholder	1995 - 1998	354692
Χ	416m N	Gas Holder	1968 - 1990	351998
Χ	416m N	Gasholder	1984 - 1988	358296
Χ	417m N	Gas Holder	1967	357163
Χ	430m N	Unspecified Tank	1927	344608
Χ	430m N	Gasometer	1903	347472
Χ	436m N	Gasholder	1994 - 1999	352639
Χ	437m N	Gasholder	1986	353800
Χ	437m N	Unspecified Tank	1967 - 1972	350701
Χ	438m N	Gasholder	1994 - 1999	357472
Χ	438m N	Gasholder	1995 - 1998	358237
Χ	439m N	Gas Holder	1968 - 1990	353754
Χ	439m N	Gasholder	1968 - 1988	357563
Χ	440m N	Gas Holder	1967	352282
Χ	441m N	Gasholder	1986	358398
24	453m W	Unspecified Tank	1995	344614
Χ	456m N	Unspecified Tank	1927	344609
AQ	456m N	Unspecified Tank	1988 - 1990	354271
AO	461m NE	Unspecified Tank	1984 - 1988	357255
Χ	467m N	Unspecified Tank	1967 - 1968	358459
AQ	470m N	Unspecified Tank	1988 - 1990	355771





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
25	479m N	Tanks	1927	348504
26	494m S	Tanks	1965 - 1967	352156

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m 56

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
Α	On site	Electricity Substation	1978 - 1983	230608
I	On site	Electricity Substation	1978 - 1994	240012
K	21m S	Electricity Substation	1989 - 1999	237338
4	97m E	Electricity Substation	1983 - 1994	229965
L	119m NE	Electricity Substation	1994	225885
L	120m NE	Electricity Substation	1978 - 1989	239699
7	145m NW	Electricity Substation	1972 - 1999	236069
R	154m SE	Electricity Substation	1989	228800
R	154m SE	Electricity Substation	1994	228944
R	155m SE	Electricity Substation	1983	228193
Т	159m NW	Electricity Substation	1972	232716
Т	160m NW	Electricity Substation	1984 - 1999	237619
V	166m W	Electricity Substation	1972	231245
V	166m W	Electricity Substation	1984 - 1999	229739
W	172m SE	Electricity Substation	1989 - 1994	234066
W	174m SE	Electricity Substation	1999	225884



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land use	Dates present	Group ID
U	175m E	Electricity Substation	1989	229310
U	176m E	Electricity Substation	1983 - 1994	236650
Χ	188m N	Gas Works	1888 - 1903	240180
Χ	199m N	Gas Works	1967 - 1978	237142
Χ	210m N	Gas Works	1968	235285
Χ	211m N	Gas Works	1967	230336
Χ	251m N	Gasometer	1903	227627
Χ	257m N	Gasometer	1888	227626
Χ	262m NW	Gasholder Station	1972	227736
Χ	299m N	Gas Works	1888 - 1903	230065
Χ	300m N	Gasometer	1888 - 1903	229818
AF	304m NE	Electricity Substation	1978 - 1994	238611
Χ	315m NW	Electricity Substation	1999	225902
Χ	321m N	Gas Holder	1967 - 1968	229357
Χ	337m N	Gasometer	1888 - 1903	232770
AL	345m SE	Electricity Substation	1989	237624
AL	345m SE	Electricity Substation	1994 - 1999	238000
Χ	347m N	Gasholder	1968	227524
Χ	348m N	Gas Holder	1967	227258
ΑI	361m SW	Electricity Substation	1993 - 1996	230213
21	380m SE	Electricity Substation	1989	225883
Χ	387m N	Gas Holder	1967 - 1968	232242
Χ	399m N	Gasometer	1888 - 1903	230260
AM	408m NW	Electricity Substation	1972 - 1999	231605
Χ	414m N	Gas Governor	1967 - 1968	237035
Χ	416m N	Gasholder	1995 - 1998	237961
Χ	416m N	Gas Holder	1968 - 1990	233371
Χ	416m N	Gasholder	1984 - 1988	233623





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
Χ	417m N	Gas Holder	1967	238529
23	422m S	Electricity Substation	1989	231826
Χ	430m N	Gasometer	1903	227628
Χ	435m N	Electricity Substation	1984 - 1998	235202
Χ	436m N	Gasholder	1994 - 1999	231718
Χ	437m N	Gasholder	1986	235325
AG	438m NE	Electricity Substation	1984 - 1998	231617
Χ	438m N	Gasholder	1984 - 1999	239870
Χ	439m N	Gas Holder	1968 - 1990	229338
Χ	440m N	Gas Holder	1967	237483
Χ	441m N	Gasholder	1968 - 1972	233677
Χ	441m N	Gasholder	1986	228732

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m 2

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
J	On site	Filling Station	1989 - 1994	4039
0	56m SE	Petroleum Depot	1967	4002

This data is sourced from Ordnance Survey / Groundsure.





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

1.5 Historical garages

Records within 500m 43

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on page 14

ID	Location	Land use	Dates present	Group ID
L	14m NE	Garage	1978 - 1989	72729
L	14m NE	Garage	1967	69678
L	14m NE	Garage	1967	70235
L	15m N	Garage	1983	69639
L	70m NE	Garage	1994	70320
10	154m N	Garage	1967	72515
Χ	179m NW	Garage	1967 - 1995	72192
Χ	180m NW	Garage	1983 - 1989	71411
Χ	186m NW	Garage	1999	70380
Χ	187m NW	Garage	1966 - 1972	72046
Χ	191m NW	Garage	1978	71229
12	217m W	Garage	1993 - 1996	72762
Χ	228m NW	Garage	1999	70614
Χ	228m NW	Garage	1986	71200
F	231m N	Garage	1967 - 1968	71384
AB	252m S	Garage	1994	69699
AB	253m S	Garage	1999	70631
AB	253m S	Garage	1967 - 1989	71820
AB	281m S	Garage	1967	70110
AE	290m NW	Garage	1995	71031
AE	291m NW	Garage	1984 - 1992	71627





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land use	Dates present	Group ID
AE	295m NW	Garage	1999	71000
Al	313m SW	Garage	1966 - 1989	72388
Al	313m SW	Garage	1967	69898
AK	332m W	Garages	1995 - 1999	72652
18	335m NE	Garage	1967 - 1968	72246
AK	338m W	Garages	1972	70214
AK	339m W	Multistorey Garages	1984 - 1992	71959
AD	348m NE	Garage	1995 - 1998	72399
20	355m NW	Garage	1888	69358
AD	355m NE	Garages	1990	70114
AD	355m NE	Garages	1988	70089
AD	355m NE	Garages	1995 - 1998	71606
AO	391m NE	Garage	1990	69716
AO	419m NE	Garage	1988	71137
Χ	421m N	Garage	1984 - 1988	71547
Χ	421m N	Garage	1990	70356
Χ	421m N	Garage	1995 - 1998	72724
AN	433m NW	Garage	1966 - 1972	72522
AN	439m NW	Garage	1967	70435
AR	444m NE	Garage	1995	70985
AR	448m NE	Garage	1984 - 1988	72511
AR	449m NE	Garage	1990	70709

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

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

This data is sourced from Ordnance Survey / Groundsure / other sources.





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m 194

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 29

ID	Location	Land Use	Date	Group ID
1	On site	Unspecified Commercial/Industrial	1973	2067127
2	On site	Unspecified Commercial/Industrial	1984	2067127
Α	On site	Railway Sidings	1950	2090060





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
Α	On site	Railway Sidings	1901	2039982
Α	On site	Railway Sidings	1991	2087814
Α	On site	Railway Sidings	1959	2073617
Α	On site	Railway Sidings	1938	2090060
В	On site	Railway Building	1973	2051732
С	On site	Coal Yard	1901	2096461
С	On site	Coal Yard	1886	2096461
D	On site	Railway Sidings	1886	2122591
E	On site	Railway Sidings	1925	2114571
E	On site	Railway Sidings	1973	2097245
F	On site	Unspecified Works	1991	2076265
F	On site	Unspecified Works	1973	2076265
F	On site	Unspecified Works	1984	2076265
F	On site	Gravel Pit	1886	2055683
G	On site	Unspecified Warehouse	1991	2102697
G	On site	Unspecified Warehouse	1973	2074145
G	On site	Unspecified Warehouse	1984	2074145
Н	On site	Railway Sidings	1973	2120206
Н	On site	Railway Sidings	1984	2120206
I	On site	Railway Building	1973	2115630
1	On site	Railway Building	1984	2115630
J	On site	Unspecified Works	1959	2063946
J	3m NE	Brick and Tile Works	1950	2083477
J	5m NE	Brick and Tile Works	1925	2063769
J	5m N	Brick and Tile Works	1938	2098839
J	5m N	Brick and Tile Works	1938	2098839
С	7m NE	Railway Sidings	1959	2100387
L	9m S	Unspecified Depot	1973	2077386



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
L	9m S	Unspecified Depot	1984	2077386
С	11m NE	Railway Sidings	1901	2090374
С	11m NE	Railway Sidings	1886	2113347
J	17m NE	Unspecified Heap	1925	2096432
J	17m NE	Unspecified Ground Workings	1950	2095620
J	18m NE	Unspecified Ground Workings	1938	2083350
J	18m NE	Unspecified Ground Workings	1938	2083350
D	19m E	Engine Shed	1991	2121065
D	19m E	Engine Shed	1973	2121065
D	19m E	Engine Shed	1984	2121065
Α	21m E	Railway Sidings	1925	2101576
С	37m NE	Railway Sidings	1950	2100387
M	39m NE	Unspecified Heap	1950	2069187
M	39m NE	Unspecified Heap	1938	2116546
M	39m NE	Unspecified Heap	1938	2098910
С	41m NE	Railway Sidings	1938	2083995
M	42m NE	Unspecified Heap	1959	2086729
С	44m NE	Railway Sidings	1925	2085142
Q	55m SE	Unspecified Depot	1991	2064857
Q	55m SE	Unspecified Depot	1973	2064857
Q	55m SE	Unspecified Depot	1984	2064857
R	56m SE	Unspecified Factory	1991	2084992
R	56m SE	Unspecified Factory	1973	2117896
R	56m SE	Unspecified Factory	1984	2099676
Q	80m SE	Unspecified Tanks	1991	2101720
Q	80m SE	Unspecified Tanks	1973	2101720
Q	80m SE	Unspecified Tanks	1984	2101720
Α	95m S	Railway Sidings	1886	2067357



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

H 11 4 12 A 12 A 12	19m S 23m SE 25m SE	Unspecified Works Unspecified Works Unspecified Commercial/Industrial Railway Building	1973 1973 1959	2046451 2094099
4 12 A 12 A 12	23m SE 25m SE	Unspecified Commercial/Industrial		2094099
A 12	25m SE		1959	
A 12		Railway Building		2058300
	25m SE		1973	2121251
		Railway Building	1984	2121251
J 12	25m NE	Brick Works	1886	2049911
T 12	25m W	Chimney	1973	2058685
J 12	26m NE	Brick and Tile Works	1901	2098154
H 12	26m S	Unspecified Works	1991	2075513
H 12	26m S	Unspecified Works	1984	2075513
J 13	32m NE	Railway Sidings	1938	2090199
J 14	40m NE	Railway Sidings	1925	2108195
Q 14	41m SE	Unspecified Tanks	1991	2087889
Q 14	41m SE	Unspecified Tanks	1984	2087889
J 14	43m N	Unspecified Ground Workings	1901	2071591
J 14	44m N	Clay Pit	1886	2048300
M 14	45m N	Unspecified Heap	1959	2081170
W 14	45m NW	Unspecified Depot	1991	2072486
W 14	45m NW	Unspecified Factory	1973	2046007
W 14	45m NW	Unspecified Depot	1984	2072486
5 15	51m NE	Railway Sidings	1925	2092155
M 15	52m NE	Unspecified Pit	1950	2081055
M 15	54m NE	Unspecified Pit	1959	2081055
J 15	55m N	Unspecified Ground Workings	1959	2112992
A 15	59m SE	Railway Building	1959	2084024
A 16	60m SE	Railway Building	1901	2085123
A 16	60m SE	Railway Building	1886	2085123
J 16	67m NE	Chimney	1973	2058686



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
AD	179m N	Unspecified Commercial/Industrial	1959	2116116
AD	200m N	Gas Works	1950	2084518
AD	200m N	Unspecified Commercial/Industrial	1901	2070859
AD	200m N	Gas Works	1886	2069208
J	204m NE	Unspecified Ground Workings	1959	2112106
AD	205m N	Gas Holder Station	1973	2054756
AE	214m NE	Laundry	1950	2084877
AE	215m NE	Laundry	1938	2077507
AE	215m NE	Laundry	1925	2113826
AE	218m NE	Laundry	1959	2102222
6	220m N	Rope Walk	1886	2049299
J	220m NE	Unspecified Ground Workings	1959	2101543
AG	226m W	Unspecified Works	1973	2066582
7	230m NW	Unspecified Pit	1886	2041482
J	236m N	Unspecified Heap	1901	2116122
J	236m N	Unspecified Pit	1959	2041478
AG	238m W	Unspecified Works	1991	2111368
AG	238m W	Unspecified Works	1984	2111368
АН	240m W	Unspecified Depot	1973	2122727
J	247m NE	Unspecified Ground Workings	1959	2098039
J	254m N	Unspecified Ground Workings	1959	2086976
AD	255m N	Gasometer	1901	2098488
AD	255m N	Gasometer	1886	2098488
AK	266m W	Cemetery	1927	2104960
AK	266m W	Cemetery	1950	2114835
AK	266m W	Cemetery	1938	2114835
AK	266m W	Cemetery	1901	2108511
AK	266m W	Cemetery	1886	2108511



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
АН	267m W	Unspecified Depot	1984	2121676
AK	270m W	Cemetery	1991	2096900
AK	270m W	Cemetery	1973	2070232
AK	270m W	Cemetery	1984	2096900
AK	270m W	Cemetery	1959	2112205
8	280m NW	Old Gravel Pit	1886	2057696
АН	282m W	Unspecified Depot	1991	2080336
AL	282m NE	Brick and Tile Works	1886	2094499
AO	305m NE	Unspecified Heap	1938	2117136
AO	305m NE	Unspecified Heap	1938	2120809
AO	305m NE	Unspecified Heap	1959	2103231
AP	307m NE	Railway Sidings	1959	2120347
AO	311m NE	Railway Sidings	1950	2067107
AQ	312m E	Rifle Range	1938	2104736
AO	313m NE	Railway Sidings	1938	2067107
AJ	314m S	Railway Building	1925	2051733
AQ	315m E	Rifle Range	1925	2109119
AQ	316m E	Rifle Range	1901	2078756
AS	316m S	Unspecified Commercial/Industrial	1959	2058304
AD	321m N	Gas Holders	1973	2046799
AD	321m N	Unspecified Tank	1959	2044405
9	324m E	Rifle Range	1886	2056235
AS	334m S	Corporation Depot	1927	2074550
AL	335m NE	Unspecified Pit	1959	2041477
AS	336m SW	Corporation Depot	1938	2099411
AO	340m NE	Unspecified Warehouse	1991	2077896
AO	340m NE	Unspecified Warehouse	1984	2077896
AL	340m NE	Clay Pit	1886	2048301



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
10	344m S	Railway Building	1925	2051734
AO	348m NE	Brick and Tile Works	1886	2094499
AJ	356m S	Railway Building	1959	2086095
AJ	357m S	Railway Building	1925	2087204
AJ	357m S	Railway Building	1938	2064835
AO	357m NE	Unspecified Warehouse	1973	2085939
AS	362m S	Railway Sidings	1925	2071973
AS	372m S	Coprolite Mill	1886	2049791
AS	373m S	Railway Sidings	1886	2063807
AO	376m NE	Tramway Sidings	1886	2052218
AW	383m NW	Unspecified Works	1991	2073009
AW	383m NW	Unspecified Works	1973	2073009
AW	383m NW	Unspecified Works	1984	2073009
AX	384m NW	Unspecified Depot	1973	2079630
АХ	385m NW	Unspecified Depot	1984	2113303
AD	385m N	Unspecified Tank	1959	2044406
AS	385m S	Railway Sidings	1925	2072955
АХ	388m NW	Unspecified Depot	1991	2113303
AD	388m N	Unspecified Tank	1959	2044407
13	396m W	Nursery	1886	2052726
AD	414m N	Gas Holders	1991	2113190
AD	414m N	Gas Holders	1973	2113190
AD	414m N	Gas Holders	1984	2113190
AD	414m N	Unspecified Tank	1959	2044399
AZ	416m SW	Hospital	1973	2110620
AZ	417m SW	Unspecified Workhouse	1901	2048527
AS	417m S	Iron Foundry	1886	2102212
AZ	420m SW	Hospital	1984	2110620



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
AD	436m N	Gas Holders	1991	2082818
AD	436m N	Gas Holders	1973	2082818
AD	436m N	Gas Holders	1984	2082818
AD	436m N	Unspecified Tank	1959	2044400
AS	436m S	Railway Buildings	1938	2043263
AD	439m N	Unspecified Tank	1991	2082828
AD	439m N	Unspecified Tank	1973	2082828
AD	439m N	Unspecified Tank	1984	2082828
AS	442m S	Corporation Depot	1950	2063731
ВВ	444m N	Unspecified Depot	1991	2085597
ВВ	444m N	Unspecified Depot	1973	2085597
ВВ	444m N	Unspecified Depot	1984	2085597
ВС	445m NE	Unspecified Works	1959	2063946
BD	454m W	Unspecified Pit	1938	2041481
BD	454m W	Unspecified Ground Workings	1950	2116216
BD	456m W	Unspecified Ground Workings	1927	2106166
BD	456m W	Unspecified Ground Workings	1927	2106166
BD	456m W	Unspecified Ground Workings	1959	2117837
AS	461m S	Iron Foundry	1886	2102212
AS	465m S	Railway Building	1925	2051735
BE	466m E	Miniature Rifle Range	1938	2079753
BE	488m E	Miniature Rifle Range	1925	2080516
ВС	489m NE	Unspecified Pit	1959	2041476

This data is sourced from Ordnance Survey / Groundsure.





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

2.2 Historical tanks

Records within 500m 185

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 29

ID	Location	Land Use	Date	Group ID
K	1m SW	Tanks	1983	353909
K	1m SW	Tanks	1994	353909
K	11m N	Tanks	1978	356027
K	11m N	Tanks	1989	356027
L	12m S	Unspecified Tank	1967	352754
L	12m S	Unspecified Tank	1967	352754
L	12m S	Unspecified Tank	1982	352754
K	13m N	Unspecified Tank	1967	355500
K	13m N	Unspecified Tank	1967	355500
K	15m SW	Tanks	1978	350832
K	15m SW	Tanks	1989	350832
Ν	20m SE	Tanks	1994	357399
Ν	20m SE	Tanks	1978	352998
Ν	20m SE	Tanks	1989	352998
Ν	20m SE	Tanks	1999	357399
Ν	21m SE	Tanks	1978	357960
Ν	21m SE	Tanks	1989	357960
Ν	21m SE	Tanks	1967	358041
Ν	21m SE	Tanks	1983	358041
Ν	21m SE	Tanks	1967	356338
Ν	21m SE	Tanks	1994	352998
Ν	21m SE	Tanks	1994	357960
Ν	21m SE	Tanks	1967	350204



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
Ν	22m SE	Tanks	1967	357399
Ν	22m SE	Tanks	1967	358041
Ν	23m SE	Tanks	1982	350204
Ν	23m SE	Tanks	1989	350204
Ν	23m SE	Tanks	1982	356338
Ν	23m SE	Tanks	1989	356338
0	26m NE	Unspecified Tank	1994	356912
Ο	27m NE	Unspecified Tank	1978	352238
0	27m NE	Unspecified Tank	1989	352238
Ο	27m NE	Unspecified Tank	1983	354663
Р	35m E	Unspecified Tank	1978	358562
Р	35m E	Unspecified Tank	1989	358562
Р	36m E	Unspecified Tank	1994	358562
Р	36m E	Unspecified Tank	1967	358562
Р	36m E	Unspecified Tank	1983	358562
Р	36m E	Unspecified Tank	1967	358562
Ν	55m SE	Unspecified Tank	1989	357444
Ν	56m SE	Unspecified Tank	1994	358495
Ν	56m SE	Unspecified Tank	1999	358495
Q	90m SE	Tanks	1989	358436
Q	90m SE	Tanks	1994	358436
Q	91m SE	Tanks	1994	349968
Q	91m SE	Tanks	1994	353681
Q	92m SE	Tanks	1967	353681
Q	92m SE	Tanks	1967	358575
Q	92m SE	Tanks	1967	354877
Q	92m SE	Tanks	1967	349968
Q	92m SE	Tanks	1982	352789



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Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
Q	92m SE	Tanks	1989	352789
Q	102m SE	Tanks	1994	357880
Q	103m SE	Tanks	1967	357880
Q	104m SE	Tanks	1967	357880
Т	119m W	Tanks	1995	358711
Т	119m W	Tanks	1999	358711
Т	119m W	Tanks	1984	358711
Т	119m W	Tanks	1992	358711
U	129m SE	Unspecified Tank	1978	356221
U	130m SE	Unspecified Tank	1967	356221
U	131m SE	Unspecified Tank	1967	356221
Т	141m W	Tanks	1966	357226
Т	142m W	Tanks	1967	357226
J	157m NE	Unspecified Tank	1978	355063
J	157m NE	Unspecified Tank	1989	355063
J	157m NE	Unspecified Tank	1983	355063
J	158m NE	Unspecified Tank	1994	355341
Z	163m E	Unspecified Tank	1983	344605
AA	166m NE	Unspecified Tank	1967	354233
AA	166m NE	Unspecified Tank	1967	354233
AD	188m N	Gas Works	1903	353705
AD	199m N	Gas Works	1888	353705
AD	199m N	Gas Works	1967	352298
AD	199m N	Gas Works	1967	351188
AD	200m N	Gas Works	1978	349531
AD	210m N	Gas Works	1968	350781
AD	211m N	Gas Works	1967	357129
AD	251m N	Gasometer	1903	347470





Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
Al	252m S	Unspecified Tank	1994	349843
Al	252m S	Unspecified Tank	1999	349843
Al	253m S	Unspecified Tank	1982	349843
Al	253m S	Unspecified Tank	1989	349843
AD	257m N	Gasometer	1888	347471
AD	262m NW	Gasholder Station	1972	347702
AD	262m NW	Gas Works	1968	350781
AD	293m NW	Tanks	1968	353336
AD	294m NW	Tanks	1967	353336
AN	298m NE	Tanks	1994	353593
AN	298m NE	Unspecified Tank	1978	344595
AN	298m NE	Tanks	1989	349648
AD	299m N	Gas Works	1888	350745
AD	299m N	Gas Works	1903	350745
AN	299m NE	Tanks	1983	356683
AN	299m NE	Unspecified Tank	1978	344596
AN	299m NE	Tanks	1989	349913
AD	300m N	Gasometer	1888	356254
AD	300m N	Gasometer	1903	356254
AN	300m NE	Unspecified Tank	1978	344597
AN	300m NE	Tanks	1989	348505
AD	305m NW	Tanks	1968	348503
AD	314m N	Unspecified Tank	1968	354891
AD	315m N	Unspecified Tank	1967	354891
AD	321m N	Gas Holder	1968	358203
AD	322m N	Gas Holder	1967	358203
AJ	336m S	Tanks	1966	356659
AJ	336m S	Tanks	1967	356659

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Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
AD	337m N	Gasometer	1888	358307
AD	337m N	Gasometer	1903	358307
AD	337m N	Unspecified Tank	1927	344606
AD	342m N	Tanks	1968	355043
AD	343m N	Tanks	1967	355043
AD	347m N	Gasholder	1968	347681
AD	348m N	Gas Holder	1967	349270
AD	358m NW	Tanks	1968	351022
AD	359m NW	Tanks	1967	351022
AD	361m N	Unspecified Tank	1968	354027
AD	362m N	Unspecified Tank	1967	354027
AD	387m NW	Unspecified Tank	1968	355509
AD	387m N	Gas Holder	1968	351235
AD	387m NW	Unspecified Tank	1967	355509
AD	388m N	Gas Holder	1967	351235
AD	394m N	Unspecified Tank	1968	358213
AD	395m N	Unspecified Tank	1967	358213
AD	398m N	Unspecified Tank	1968	355931
AD	399m N	Unspecified Tank	1967	355931
AD	399m N	Gasometer	1888	353140
AD	399m N	Gasometer	1903	353140
AD	399m N	Unspecified Tank	1927	344607
AD	401m NW	Tanks	1968	358680
AD	401m NW	Tanks	1967	358680
AD	402m N	Unspecified Tank	1968	353875
AD	403m N	Unspecified Tank	1968	349800
AD	403m N	Unspecified Tank	1967	352923
AD	403m N	Unspecified Tank	1967	349800





Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
AD	407m N	Tanks	1968	350383
AD	408m N	Tanks	1967	350383
AD	412m N	Unspecified Tank	1984	354117
AD	412m N	Unspecified Tank	1988	354117
AD	412m N	Unspecified Tank	1996	354117
AD	412m N	Unspecified Tank	1995	354117
AD	412m N	Unspecified Tank	1998	354117
AD	412m N	Unspecified Tank	1990	354117
AD	416m N	Gasholder	1996	354692
AD	416m N	Gasholder	1995	354692
AD	416m N	Gasholder	1998	354692
AD	416m N	Gas Holder	1990	351998
AD	416m N	Gas Holder	1968	351998
AD	416m N	Gasholder	1984	358296
AD	416m N	Gasholder	1988	358296
AD	417m N	Gas Holder	1967	357163
AD	430m N	Gasometer	1903	347472
AD	430m N	Unspecified Tank	1927	344608
AD	436m N	Gasholder	1994	352639
AD	436m N	Gasholder	1999	352639
AD	437m N	Gasholder	1986	353800
AD	437m N	Unspecified Tank	1972	350701
AD	437m N	Unspecified Tank	1968	350701
AD	437m N	Unspecified Tank	1967	350701
AD	438m N	Gasholder	1994	357472
AD	438m N	Gasholder	1999	357472
AD	438m N	Gasholder	1996	358237
AD	438m N	Gasholder	1995	358237



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Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Land Use	Date	Group ID
AD	438m N	Gasholder	1998	358237
AD	439m N	Gas Holder	1990	353754
AD	439m N	Gas Holder	1968	353754
AD	439m N	Gasholder	1984	357563
AD	439m N	Gasholder	1988	357563
AD	440m N	Gas Holder	1967	352282
AD	441m N	Gasholder	1972	357563
AD	441m N	Gasholder	1968	357563
AD	441m N	Gasholder	1986	358398
14	453m W	Unspecified Tank	1995	344614
AD	456m N	Unspecified Tank	1927	344609
ВВ	456m N	Unspecified Tank	1988	354271
ВВ	457m N	Unspecified Tank	1990	354271
AY	461m NE	Unspecified Tank	1984	357255
AY	461m NE	Unspecified Tank	1988	357255
AD	467m N	Unspecified Tank	1968	358459
AD	468m N	Unspecified Tank	1967	358459
ВВ	470m N	Unspecified Tank	1988	355771
ВВ	470m N	Unspecified Tank	1990	355771
15	479m N	Tanks	1927	348504
BF	494m S	Tanks	1965	352156
BF	494m S	Tanks	1967	352156

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m 122

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.





Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

Features are displayed on the Past land use - un-grouped map on page 29

ID	Location	Land Use	Date	Group ID
В	On site	Electricity Substation	1994	240012
В	On site	Electricity Substation	1983	240012
В	On site	Electricity Substation	1978	240012
В	On site	Electricity Substation	1989	240012
G	On site	Electricity Substation	1983	230608
G	On site	Electricity Substation	1978	230608
L	21m S	Electricity Substation	1994	237338
L	21m S	Electricity Substation	1999	237338
L	21m S	Electricity Substation	1989	237338
S	97m E	Electricity Substation	1989	229965
S	99m E	Electricity Substation	1994	229965
S	99m E	Electricity Substation	1983	229965
M	119m NE	Electricity Substation	1994	225885
M	120m NE	Electricity Substation	1983	239699
M	120m NE	Electricity Substation	1978	239699
M	120m NE	Electricity Substation	1989	239699
V	145m NW	Electricity Substation	1972	236069
V	145m NW	Electricity Substation	1995	236069
V	145m NW	Electricity Substation	1999	236069
V	146m NW	Electricity Substation	1984	236069
V	146m NW	Electricity Substation	1992	236069
U	154m SE	Electricity Substation	1989	228800
U	154m SE	Electricity Substation	1994	228944
U	155m SE	Electricity Substation	1983	228193
Υ	159m NW	Electricity Substation	1972	232716
Υ	160m NW	Electricity Substation	1995	237619
Υ	160m NW	Electricity Substation	1999	237619





Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Y 15 m NW Electricity Substation 1984 237619 Y 16 m NW Electricity Substation 1992 237619 AB 166 m W Electricity Substation 1972 231245 AB 166 m W Electricity Substation 1999 229739 AB 166 m W Electricity Substation 1998 229739 AB 167 m W Electricity Substation 1992 229739 AB 167 m W Electricity Substation 1992 229739 AB 167 m W Electricity Substation 1999 234066 AC 173 m SE Electricity Substation 1989 234066 AC 174 m SE Electricity Substation 1999 225884 Z 175 m E Electricity Substation 1999 234066 Z 176 m E Electricity Substation 1999 236650 Z 176 m E Electricity Substation 1983 236650 Z 176 m E Electricity Substation	ID	Location	Land Use	Date	Group ID
AB 166m W Electricity Substation 1972 231245 AB 166m W Electricity Substation 1995 229739 AB 166m W Electricity Substation 1999 229739 AB 167m W Electricity Substation 1992 229739 AB 167m W Electricity Substation 1992 229739 AC 172m SE Electricity Substation 1999 234066 AC 174m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 29310 Z 176m E Electricity Substation 1998 236650 Z 176m E Electricity Substation 1993 236650 Z 176m E Electricity Substation 1983 236650 Z 176m E Electricity Substation 1993 240180 AD 199m N Gas Works 1967	Υ	161m NW	Electricity Substation	1984	237619
AB 166m W Electricity Substation 1995 229739 AB 166m W Electricity Substation 1999 229739 AB 167m W Electricity Substation 1984 229739 AB 167m W Electricity Substation 1992 229739 AC 172m SE Electricity Substation 1999 234066 AC 174m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1983 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 210m N Gas Works 1968 235285	Υ	161m NW	Electricity Substation	1992	237619
AB 166m W Electricity Substation 1999 229739 AB 167m W Electricity Substation 1984 229739 AB 167m W Electricity Substation 1992 229739 AC 172m SE Electricity Substation 1994 234066 AC 174m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 176m E Electricity Substation 1999 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1993 240180 AD 199m N Gas Works 1903 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD	AB	166m W	Electricity Substation	1972	231245
AB 167m W Electricity Substation 1984 229739 AB 167m W Electricity Substation 1992 229739 AC 172m SE Electricity Substation 1994 234066 AC 173m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 25884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1993 240180 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1968 235285 AD 210m N Gas Works 1967 230336 AD 251m N Gas works 1967 230336 AD	AB	166m W	Electricity Substation	1995	229739
AB 167m W Electricity Substation 1992 229739 AC 172m SE Electricity Substation 1994 234066 AC 173m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 290m N Gas Works 1967 237142 AD 211m N Gas Works 1967 230336 AD 211m N Gas Works 1967 230336 AD 251m N Gas works 1967 230336 AD 257m N </td <td>AB</td> <td>166m W</td> <td>Electricity Substation</td> <td>1999</td> <td>229739</td>	AB	166m W	Electricity Substation	1999	229739
AC 172m SE Electricity Substation 1994 234066 AC 173m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 211m N Gas Works 1967 230336 AD 211m N Gas Works 1967 230336 AD 251m N Gas works 1993 227627 AD 257m N Gas works 1903 227726 AD 262m NW	AB	167m W	Electricity Substation	1984	229739
AC 173m SE Electricity Substation 1989 234066 AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1978 237142 AD 200m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1988 227626 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works<	AB	167m W	Electricity Substation	1992	229739
AC 174m SE Electricity Substation 1999 225884 Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1967 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1993 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works <	AC	172m SE	Electricity Substation	1994	234066
Z 175m E Electricity Substation 1989 229310 Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1888 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1888	AC	173m SE	Electricity Substation	1989	234066
Z 176m E Electricity Substation 1994 236650 Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gas works 1967 230336 AD 251m N Gas works 1967 230336 AD 251m N Gas works 1903 227627 AD 257m N Gas works 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1903 23065	AC	174m SE	Electricity Substation	1999	225884
Z 176m E Electricity Substation 1983 236650 AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gas Works 1968 235285 AD 262m NW Gas Works 1972 227736 AD 299m N Gas Works 1888 23065 AD 299m N Gas Works 1903 230065 AD 299m N Gas Works 1903 230065 AD 299m N Gas Works 1903 230065 <	Z	175m E	Electricity Substation	1989	229310
AD 188m N Gas Works 1903 240180 AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 251m N Gas works 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1903 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gas works 1903 230065	Z	176m E	Electricity Substation	1994	236650
AD 199m N Gas Works 1888 240180 AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gas Works 1968 235285 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1988 230065 AD 299m N Gas Works 1903 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gas Works 1888 229818	Z	176m E	Electricity Substation	1983	236650
AD 199m N Gas Works 1967 237142 AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 299m N Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	188m N	Gas Works	1903	240180
AD 199m N Gas Works 1967 237142 AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	199m N	Gas Works	1888	240180
AD 200m N Gas Works 1978 237142 AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 269m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	199m N	Gas Works	1967	237142
AD 210m N Gas Works 1968 235285 AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	199m N	Gas Works	1967	237142
AD 211m N Gas Works 1967 230336 AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	200m N	Gas Works	1978	237142
AD 251m N Gasometer 1903 227627 AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	210m N	Gas Works	1968	235285
AD 257m N Gasometer 1888 227626 AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	211m N	Gas Works	1967	230336
AD 262m NW Gasholder Station 1972 227736 AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	251m N	Gasometer	1903	227627
AD 262m NW Gas Works 1968 235285 AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	257m N	Gasometer	1888	227626
AD 299m N Gas Works 1888 230065 AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	262m NW	Gasholder Station	1972	227736
AD 299m N Gas Works 1903 230065 AD 300m N Gasometer 1888 229818	AD	262m NW	Gas Works	1968	235285
AD 300m N Gasometer 1888 229818	AD	299m N	Gas Works	1888	230065
	AD	299m N	Gas Works	1903	230065
AD 300m N Gasometer 1903 229818	AD	300m N	Gasometer	1888	229818
	AD	300m N	Gasometer	1903	229818





Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

ID	Location	Land Use	Date	Group ID
AN	304m NE	Electricity Substation	1978	238611
AN	304m NE	Electricity Substation	1989	238611
AN	305m NE	Electricity Substation	1994	238611
AN	306m NE	Electricity Substation	1983	238611
AD	315m NW	Electricity Substation	1999	225902
AD	321m N	Gas Holder	1968	229357
AD	322m N	Gas Holder	1967	229357
AD	337m N	Gasometer	1888	232770
AD	337m N	Gasometer	1903	232770
AV	345m SE	Electricity Substation	1989	237624
AV	345m SE	Electricity Substation	1994	238000
AV	345m SE	Electricity Substation	1999	238000
AD	347m N	Gasholder	1968	227524
AD	348m N	Gas Holder	1967	227258
AR	361m SW	Electricity Substation	1996	230213
AR	361m SW	Electricity Substation	1993	230213
12	380m SE	Electricity Substation	1989	225883
AD	387m N	Gas Holder	1968	232242
AD	388m N	Gas Holder	1967	232242
AD	399m N	Gasometer	1888	230260
AD	399m N	Gasometer	1903	230260
AW	408m NW	Electricity Substation	1995	231605
AW	408m NW	Electricity Substation	1999	231605
AW	409m NW	Electricity Substation	1972	231605
AW	410m NW	Electricity Substation	1984	231605
AW	410m NW	Electricity Substation	1992	231605
AD	414m N	Gas Governor	1968	237035
AD	414m N	Gas Governor	1967	237035





Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

AD 416m N Gasholder 1996 237961 AD 416m N Gasholder 1998 237961 AD 416m N Gasholder 1998 237961 AD 416m N Gas Holder 1990 233371 AD 416m N Gas Holder 1968 233371 AD 416m N Gasholder 1984 233623 AD 416m N Gasholder 1988 233623 AD 416m N Gasholder 1988 233623 AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1988 235202 AD 435m N Electricity Subst	
AD 416m N Gasholder 1998 237961 AD 416m N Gas Holder 1990 233371 AD 416m N Gas Holder 1968 233371 AD 416m N Gasholder 1984 233623 AD 416m N Gasholder 1988 233623 AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD	
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AD 416m N Gas Holder 1968 233371 AD 416m N Gasholder 1984 233623 AD 416m N Gasholder 1988 233623 AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1995 235202 AD 435m N Electricity Substation 1990 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD 436m N Gasholder 1994 231718 AD 436m N Gasholder 1999 231718 AD 437m N Gasholder 1996 235252 AP 438m NE	
AD 416m N Gasholder 1984 233623 AD 416m N Gasholder 1988 233623 AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1990 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD 436m N Gasholder 1994 231718 AD 436m N Gasholder 1996 231718 AD 437m N Gasholder 1986 2352325 AP 438m NE Electricity Substation 1996 231617 AP	
AD 416m N Gasholder 1988 233623 AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1990 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD 435m N Electricity Substation 1988 235202 AD 436m N Gasholder 1994 231718 AD 436m N Gasholder 1996 235252 AP 438m NE Electricity Substation 1996 231617 AP 438m NE Electricity Substation 1995 231617	
AD 417m N Gas Holder 1967 238529 BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1990 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD 436m N Gasholder 1994 231718 AD 436m N Gasholder 1999 231718 AD 437m N Gasholder 1996 235225 AP 438m NE Electricity Substation 1996 231617 AP 438m NE Electricity Substation 1995 231617	
BA 422m S Electricity Substation 1989 231826 BA 422m S Electricity Substation 1989 231826 AD 430m N Gasometer 1903 227628 AD 435m N Electricity Substation 1996 235202 AD 435m N Electricity Substation 1998 235202 AD 435m N Electricity Substation 1990 235202 AD 435m N Electricity Substation 1984 235202 AD 435m N Electricity Substation 1988 235202 AD 435m N Gasholder 1994 231718 AD 436m N Gasholder 1999 231718 AD 437m N Gasholder 1986 235325 AP 438m NE Electricity Substation 1996 231617 AP 438m NE Electricity Substation 1995 231617	
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AP 438m NE Electricity Substation 1998 231617	
AD 438m N Gasholder 1994 239870	
AD 438m N Gasholder 1999 239870	
AD 438m N Gasholder 1996 239870	
AD 438m N Gasholder 1995 239870	
AD 438m N Gasholder 1998 239870	





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ID	Location	Land Use	Date	Group ID
AP	439m NE	Electricity Substation	1984	231617
AP	439m NE	Electricity Substation	1988	231617
AP	439m NE	Electricity Substation	1990	231617
AD	439m N	Gas Holder	1990	229338
AD	439m N	Gas Holder	1968	229338
AD	439m N	Gasholder	1984	239870
AD	439m N	Gasholder	1988	239870
AD	440m N	Gas Holder	1967	237483
AD	441m N	Gasholder	1972	233677
AD	441m N	Gasholder	1968	233677
AD	441m N	Gasholder	1986	228732

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m 4

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 29

ID	Location	Land Use	Date	Group ID
K	On site	Filling Station	1989	4039
K	On site	Filling Station	1994	4039
Q	56m SE	Petroleum Depot	1967	4002

This data is sourced from Ordnance Survey / Groundsure.





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2.5 Historical garages

Records within 500m 72

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on page 29

ID	Location	Land Use	Date	Group ID
M	14m NE	Garage	1978	72729
M	14m NE	Garage	1989	72729
M	14m NE	Garage	1967	69678
M	14m NE	Garage	1967	70235
M	15m N	Garage	1983	69639
M	70m NE	Garage	1994	70320
Χ	154m N	Garage	1967	72515
Χ	154m N	Garage	1967	72515
AD	179m NW	Garage	1994	72192
AD	180m NW	Garage	1983	71411
AD	186m NW	Garage	1999	70380
AD	186m NW	Garage	1995	72192
AD	187m NW	Garage	1972	72046
AD	187m NW	Garage	1966	72046
AD	187m NW	Garage	1984	71411
AD	187m NW	Garage	1992	72192
AD	191m NW	Garage	1978	71229
AD	191m NW	Garage	1989	71411
AD	193m NW	Garage	1967	72192
AD	206m NW	Garage	1967	72192
AF	217m W	Garage	1996	72762
AF	219m W	Garage	1993	72762
AD	228m NW	Garage	1999	70614





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ID	Location	Land Use	Date	Group ID
AD	228m NW	Garage	1994	72192
AD	228m NW	Garage	1986	71200
J	231m N	Garage	1967	71384
J	239m N	Garage	1968	71384
AJ	252m S	Garage	1994	69699
AJ	253m S	Garage	1999	70631
AJ	253m S	Garage	1967	71820
AJ	253m S	Garage	1982	71820
AJ	253m S	Garage	1989	71820
AJ	281m S	Garage	1967	70110
AM	290m NW	Garage	1995	71031
AM	291m NW	Garage	1984	71627
AM	291m NW	Garage	1992	71627
AM	295m NW	Garage	1999	71000
AR	313m SW	Garage	1982	72388
AR	313m SW	Garage	1989	72388
AR	313m SW	Garage	1967	69898
AR	313m SW	Garage	1966	72388
AT	332m W	Garages	1999	72652
AT	332m W	Garages	1995	72652
AU	335m NE	Garage	1968	72246
AU	336m NE	Garage	1967	72246
AT	338m W	Garages	1972	70214
AT	339m W	Multistorey Garages	1984	71959
AT	339m W	Multistorey Garages	1992	71959
AL	348m NE	Garage	1996	72399
AL	348m NE	Garage	1995	72399
AL	348m NE	Garage	1998	72399



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ID	Location	Land Use	Date	Group ID
11	355m NW	Garage	1888	69358
AO	355m NE	Garages	1990	70114
AO	355m NE	Garages	1988	70089
AO	355m NE	Garages	1996	71606
AO	355m NE	Garages	1995	71606
AO	355m NE	Garages	1998	71606
AY	391m NE	Garage	1990	69716
AY	419m NE	Garage	1988	71137
AD	421m N	Garage	1988	71547
AD	421m N	Garage	1984	71547
AD	421m N	Garage	1990	70356
AD	421m N	Garage	1996	72724
AD	421m N	Garage	1995	72724
AD	421m N	Garage	1998	72724
AX	433m NW	Garage	1972	72522
AX	433m NW	Garage	1966	72522
AX	439m NW	Garage	1967	70435
ВС	444m NE	Garage	1995	70985
ВС	448m NE	Garage	1988	72511
ВС	448m NE	Garage	1984	72511
ВС	449m NE	Garage	1990	70709

This data is sourced from Ordnance Survey / Groundsure.



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3 Waste and landfill



3.1 Active or recent landfill

Records within 500m 0

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

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

3.2 Historical landfill (BGS records)

Records within 500m 0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.





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3.3 Historical landfill (LA/mapping records)

Records within 500m 0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m 0

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

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

3.5 Historical waste sites

Records within 500m 15

Waste site records derived from Local Authority planning records and high detail historical mapping. Features are displayed on the Waste and landfill map on page 52

ID	Location	Address	Further Details	Date
1	14m NE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1966
С	105m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
С	105m E	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1966





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ID	Location	Address	Further Details	Date
3	160m NE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
D	278m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1965
D	289m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1965
Е	296m NE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
E	308m NE	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
D	318m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1965
5	371m N	Site Address: Tesco, Cheddars Lane, CAMBRIDGE, Cambridgeshire, CB5 8LD	Type of Site: Recycling Facility & Car Wash Planning application reference: 06/0885/FUL Description: Scheme comprises change of use of parking spaces to hand car valeting operation including siting of cabin to hose water recycling system and a canopy. Construction - canopy roof; car lifts. An application (ref: 06/0885/FUL) for detailed planning permi ion was withdrawn from Cambridge C.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-
7	460m N	Site Address: N/A	Type of Site: Corporation Refuse Destructor Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1927





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ID	Location	Address	Further Details	Date
F	468m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1972
F	468m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1965
F	468m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1967
F	469m NW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1984

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

3.6 Licensed waste sites

Records within 500m

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

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

3.7 Waste exemptions

Records within 500m 10

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on page 52

ID	Location Site		Reference	Category	Sub-Category	Description
Α	On site	Omega House Anderson Road Cambridge Cambridgeshire CB24 4UQ	EPR/LF0706VV /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers





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ID	Location	Site	Reference	Category	Sub-Category	Description
Α	On site	Omega House Anderson Road Cambridge Cambridgeshire CB24 4UQ	EPR/LF0706VV /A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
Α	On site	Omega House Anderson Road Cambridge Cambridgeshire CB24 4UQ	EPR/LF0706VV /A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose
Α	On site	No Details	EPR/BF0707S U/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Deposit of waste from dredging of inland waters
Α	On site	No Details	EPR/BF0707S U/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
В	On site	Vets4Pets Unit 6B, Inside	WEX110963	Storing waste	Not on a farm	Storage of waste in secure
		Pets at Home, Coldhams Lane, Cambridge, CB1 3ET	WEATIO	exemption	Not on a farm	containers
В	On site	Pets at Home, Coldhams	WEX110963	_	Not on a farm	
B	On site	Pets at Home, Coldhams Lane, Cambridge, CB1 3ET Vets4Pets Unit 6B, Inside Pets at Home, Coldhams		exemption Storing waste		containers Storage of waste in a
		Pets at Home, Coldhams Lane, Cambridge, CB1 3ET Vets4Pets Unit 6B, Inside Pets at Home, Coldhams Lane, Cambridge, CB1 3ET 75 Winstanley Court Cromwell Road	WEX110963 EPR/MF0507L	Storing waste exemption Disposing of waste	Not on a farm Non-Agricultural	Storage of waste in a secure place

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

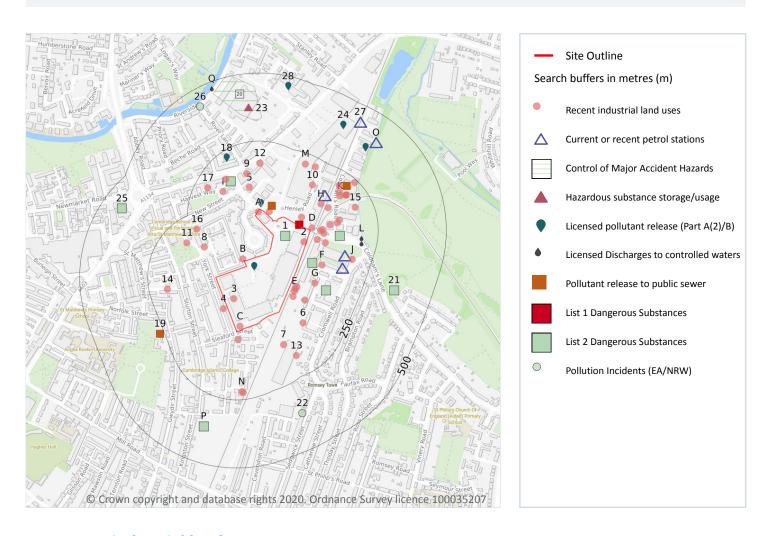




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4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m 54

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Company	Address	Activity	Category
2	On site	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
3	On site	Dreams Plc	Unit 1 Beehive Centre, Coldhams Lane, Cambridge, Cambridgeshire, CB1 3ET	Beds and Bedding	Consumer Products
Α	On site	Electricity	Cambridgeshire, CB1	Electrical Features	Infrastructure and



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ID	Location	Company	Address	Activity	Category
С	On site	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
В	8m NW	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
D	11m NE	C & S	Unit 1-2 Railway Arches, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Vehicle Repair, Testing and Servicing	Repair and Servicing
А	13m NE	(Telecommu nication) Mast	Cambridgeshire, CB1	Telecommunications Features	Infrastructure and Facilities
4	15m W	C B 1 Computer Help	48, York Street, Cambridge, Cambridgeshire, CB1 2PY	Electrical Equipment Repair and Servicing	Repair and Servicing
Е	23m SE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
Е	23m SE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
Е	24m SE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
Е	25m SE	Tanks	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
С	28m S	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
D	31m NE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
D	36m E	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
D	39m E	K T Car Care	Unit 5 Railway Arches, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	46m E	Industrial Estate	Cambridgeshire, CB1	Business Parks and Industrial Estates	Industrial Features
D	51m E	C & S Motor Engineers	Unit 2 Railway Arches, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	67m E	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
Е	71m SE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
D	76m E	Quality Precision Engineering Ltd	1, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Precision Engineers	Engineering Services
G	80m SE	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities





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F				Activity	Category
	81m E	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
5	87m NW	HSS Hire Service Group Ltd	3-5, Coldhams Lane, Cambridge, Cambridgeshire, CB1 3EP	Construction and Tool Hire	Hire Services
6	96m SE	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
D	103m E	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
Н	104m NE	Halfords Autocentre	Unit 19 Coral Park Trading Estate, Henley Road, Cambridge, Cambridgeshire, CB1 3DY	Vehicle Repair, Testing and Servicing	Repair and Servicing
Н	106m NE	Mast (Telecommu nication)	Cambridgeshire, CB1	Telecommunications Features	Infrastructure and Facilities
D	114m E	Coldhams Road Industrial Estate	Cambridgeshire, CB1	Business Parks and Industrial Estates	Industrial Features
7	117m S	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
8	118m N	Pumping Station	Cambridgeshire, CB1	Water Pumping Stations	Industrial Features
9	138m N	Sliderobes	212-214, Newmarket Road, Cambridge, Cambridgeshire, CB5 8JL	Furniture	Consumer Products
I	148m NW	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
10	154m NE	Tank	Cambridgeshire, CB1	Tanks (Generic)	Industrial Features
I	165m NW	Flack Cambridge	182-190, Newmarket Road, Cambridge, Cambridgeshire, CB5 8HE	Published Goods	Industrial Products
11	165m NW	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
K	166m NE	Belfast Bed Superstore	Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Beds and Bedding	Consumer Products
12	169m N	Floors Today	230-238, Newmarket Road, Cambridge, Cambridgeshire, CB5 8JL	Construction Completion Services	Construction Services
13	172m S	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities





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ID	Location	Company	Address	Activity	Category
טו	Location	Company	Address	Activity	Category
K	177m NE	M & T Auto Services Ltd	Restwell House, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Vehicle Repair, Testing and Servicing	Repair and Servicing
J	181m E	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
14	183m W	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
K	185m NE	The Belfast Bed Superstore	Restwell House, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Beds and Bedding	Consumer Products
K	185m NE	St Barnabas Press	Restwell House, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Published Goods	Industrial Products
K	185m NE	B L T Beds	Restwell House, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Beds and Bedding	Consumer Products
15	186m NE	Auto Mech	Unit 4 Rene Court 1, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Vehicle Repair, Testing and Servicing	Repair and Servicing
16	190m N	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
K	195m NE	Industrial Estate	Cambridgeshire, CB1	Business Parks and Industrial Estates	Industrial Features
17	202m NW	Electricity Sub Station	Cambridgeshire, CB5	Electrical Features	Infrastructure and Facilities
M	211m N	Bensons for Beds	Unit 8, Cambridge Retail Park, Cambridge, Cambridgeshire, CB5 8JL	Beds and Bedding	Consumer Products
M	217m NE	Electricity Sub Station	Cambridgeshire, CB5	Electrical Features	Infrastructure and Facilities
N	220m S	Electricity Sub Station	Cambridgeshire, CB1	Electrical Features	Infrastructure and Facilities
N	224m S	Mast (Telecommu nication)	Cambridgeshire, CB1	Telecommunications Features	Infrastructure and Facilities
K	239m NE	Cambridge Dial A Ride	Restwell House, Coldhams Road, Cambridge, Cambridgeshire, CB1 3EW	Disability and Mobility Equipment	Consumer Products

This data is sourced from Ordnance Survey.





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4.2 Current or recent petrol stations

Records within 500m

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Company	Address	LPG	Status
Н	138m NE	OBSOLETE	262, Newmarket Road, Cambridge, Cambridgeshire, CB5 8JL	Not Applicable	Obsolete
J	150m E	OBSOLETE	41-43, Coldhams Lane, Cambridge, Cambridgeshire, CB1 3EP	Not Applicable	Obsolete
J	154m E	OBSOLETE	Coldhams Lane, Cambridge, Cambridgeshire, CB1 3ER	Not Applicable	Obsolete
0	402m NE	OBSOLETE	350, Newmarket Road, Cambridge, Cambridgeshire, CB5 8JL	Not Applicable	Obsolete
27	438m NE	OBSOLETE	395, Newmarket Road, Cambridge, Cambridgeshire, CB5 8JL	Not Applicable	Obsolete

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m 0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m 0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m

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

This data is sourced from Local Authority records.





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4.6 Control of Major Accident Hazards (COMAH)

Records within 500m 1

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Company	Address	Operational status	Tier
20	324m N	British Gas	British Gas, Cambridge Holder Station, Newmarket Road, Cambridge	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m 0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Details	
23	375m N	Application reference number: No Details Application status: Approved Application date: No Details Address: Transco PLC, Cambridge Holder Station, Newmarket Road, Cambridge, England, CB5 8JF	Details: No Details Enforcement: Data Requested, not received. Date of enforcement: Data Requested, not received. Comment: Data Requested, not received.

This data is sourced from Local Authority records.





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0

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4.9 Historical licensed industrial activities (IPC)

Records within 500m

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m 0

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

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

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

Records within 500m

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Address	Details	
В	On site	Pioneer Fill Stn, Beehive Centre, Coldhams Lane, CB1 3ER	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed
Α	22m N	Jet, Newmarket Rd, Cambridge, CB5 8JL	Process: Petrol Vapour Recovery Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed
18	223m NW	Wests Garage, Newmarket Rd, Cambridge, CB5 8HD	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed
0	365m NE	Wellington Garage, Coldhams Road, Cambridge, CB1 3EW	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed





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ID	Location	Address	Details	
24	401m NE	Lex Cambridge Ford, Newmarket Rd, Cambridgeshire, CB2 4QQ	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed
28	463m N	Herbert Robinson, Cheddars Lane, Cambridge, Cambridgeshire, CB5 8LD	Process: Waste Oil Burner 0.4 MW Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notifed Date of enforcement: No Enforcements Notifed Comment: No Enforcements Notifed

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m 9

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991. Features are displayed on the Current industrial land use map on page 57

ID	Location	Address	Details	
L	190m E	COLDHAMS LANE (2), CAMBRIDGE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: ASCNF10420 Permit Version: 1 Receiving Water: Coldhams Brook River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 03/06/1994 Effective Date: 03/06/1994 Revocation Date: 31/07/2006
L	190m E	COLDHAMS LANE (2), CAMBRIDGE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: ASCNF10420 Permit Version: 2 Receiving Water: Coldhams Brook River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/08/2006 Effective Date: 01/08/2006 Revocation Date: -



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ID	Location	Address	Details	
L	194m E	COLDHAMS LANE (1), CAMBRIDGE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: ASCNF10419 Permit Version: 1 Receiving Water: Coldhams Brook River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 03/06/1994 Effective Date: 03/06/1994 Revocation Date: 31/07/2006
L	194m E	COLDHAMS LANE (1), CAMBRIDGE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: ASCNF10419 Permit Version: 2 Receiving Water: Coldhams Brook River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 01/08/2006 Effective Date: 01/08/2006 Revocation Date: -
Q	475m N	CAMBRIDGE RIVERSIDE 187 CSO, RIVER LANE, CAMBRIDGE, CB5 8HJ	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: AWCNF11361 Permit Version: 1 Receiving Water: River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 17/06/1996 Effective Date: 17/06/1996 Revocation Date: 30/03/2018
Q	475m N	CAMBRIDGE RIVERSIDE 187 CSO, RIVER LANE, CAMBRIDGE, CB5 8HJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: AWCNF11361 Permit Version: 1 Receiving Water: River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 17/06/1996 Effective Date: 17/06/1996 Revocation Date: 30/03/2018
Q	475m N	CAMBRIDGE RIVERSIDE 187 CSO, RIVER LANE, CAMBRIDGE, CB5 8HJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: AWCNF11361 Permit Version: 2 Receiving Water: River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 26/03/2018 Effective Date: 31/03/2018 Revocation Date: -
Q	475m N	CAMBRIDGE RIVERSIDE 187 CSO, RIVER LANE, CAMBRIDGE, CB5 8HJ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: AWCNF11361 Permit Version: 2 Receiving Water: River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 26/03/2018 Effective Date: 31/03/2018 Revocation Date: -
Q	475m N	CAMBRIDGE RIVERSIDE 187 CSO, RIVER LANE, CAMBRIDGE, CB5 8HJ	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: AWCNF11361 Permit Version: 2 Receiving Water: River Cam	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 26/03/2018 Effective Date: 31/03/2018 Revocation Date: -

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





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4.14 Pollutant release to surface waters (Red List)

Records within 500m

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

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

4.15 Pollutant release to public sewer

Records within 500m

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Address	Details	
А	34m NE	MAINTRAIN LTD, COLDHAMS LANE MAINTENANCE DEPOT, COLDHAMS LANE, CAMBRIDGE, CAMBRIDGESHIRE, CB1 3EW	Permission reference: BL1347 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 01/06/2001	Last received date: 01/01/2018 Status: EFFECTIVE
А	34m NE	AXIOM RAIL (CAMBRIDGE) LIMITED, COLDHAMS LANE MAINTENANCE DEPOT, COLDHAMS LAND, CAMBRIDGE, CAMBRIDGESHIRE, CB1 3EW	Permission reference: CD5890 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 01/04/2009	Last received date: 01/01/2018 Status: DEAD (APPLICATION)
А	34m NE	THE ARUNDEL EQUINE HOSPITAL, COLDHAMS LANE MAINTENANCE DEPOT, COLDHAMS LANE, CAMBRIDGE, CAMBRIDGESHIRE, CB1 3EW	Permission reference: CD5881 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 06/01/2010	Last received date: 01/01/2018 Status: DEAD (APPLICATION)
K	210m NE	London & North Western Railway Co Ltd, COLDHAMS LANE MAINTENANCE DEPOT, COLDHAMS LANE, CAMBRIDGE, CAMBRIDGESHIRE, CB1 3EW	Permission reference: SCE0164C2 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 07/01/2015	Last received date: 01/01/2018 Status: EFFECTIVE
19	265m W	PINE STRIPPING SERVICES LTD, 3A UNIT 25 GWYDIR STREET, 3A UNIT 25 GWYDIR STREET, CAMBRIDGE, CAMBRIDGESHIRE, CB1 2LG	Permission reference: BJ1117 Local Authority: CAMBRIDGE CITY COUNCIL First received date: 01/06/2001	Last received date: 01/01/2018 Status: DEAD (POST DETERMINATION)

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





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4.16 List 1 Dangerous Substances

Records within 500m 1

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Name	Status	Receiving Water	Authorised Substances
D	2m NE	Maintrain Limited	Active	Na	Mercury (other), Cadmium

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

4.17 List 2 Dangerous Substances

Records within 500m 9

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Name	Status	Receiving Water	Authorised Substances
1	On site	Kenning Car Hire	Not Active	Na	рН
F	46m E	Exhaust & Former Tyco Sites	Active	Na	рН
D	110m E	Ridgeons Ltd	Not Active	Na	рН
G	128m SE	British Telecommunications Plc	Not Active	Na	рН
1	146m NW	Shaw Services (cambridge) Ltd	Not Active	Na	рН
21	362m E	Greens Health & Fitness	Not Active	Na	рН
Р	368m S	Cambridge City Council	Not Active	Na	рН
Р	368m S	Cambridge City Council	Not Active	Na	рН
25	428m NW	The Car Care Company	Not Active	Na	рН

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





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4.18 Pollution Incidents (EA/NRW)

Records within 500m

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on page 57

ID	Location	Details	
22	366m SE	Incident Date: 07/09/2002 Incident Identification: 106146 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
26	434m NW	Incident Date: 18/06/2002 Incident Identification: 85756 Pollutant: Contaminated Water Pollutant Description: Suspended Solids	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m 0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

4.20 Pollution inventory waste transfers

Records within 500m 0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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





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4.21 Pollution inventory radioactive waste

Records within 500m 0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

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

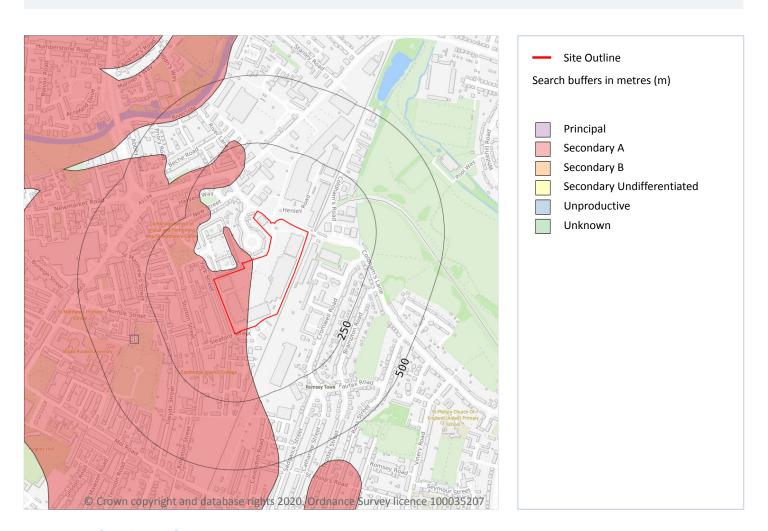




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5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m 1

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on page 70

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

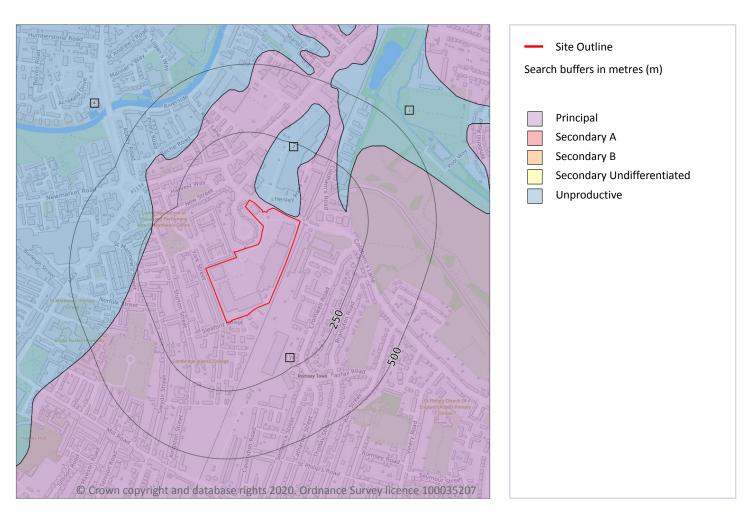




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Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m 4

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on page 71

ID	Location	Designation	Description
1	On site	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers
2	4m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow





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ID	Location	Designation	Description
3	165m E	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
4	234m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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

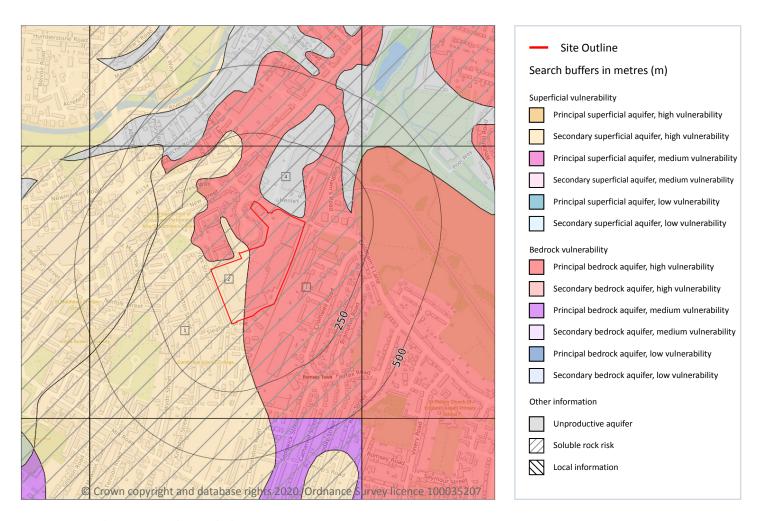




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Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m 3

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium Intermediate between high and low vulnerability.
- Low Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on page 73





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ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
3	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures
4	4m NE	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site 1

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.	38.0%

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site 0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by



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email on enquiries@environment-agency.gov.uk.

This data is sourced from the British Geological Survey and the Environment Agency.

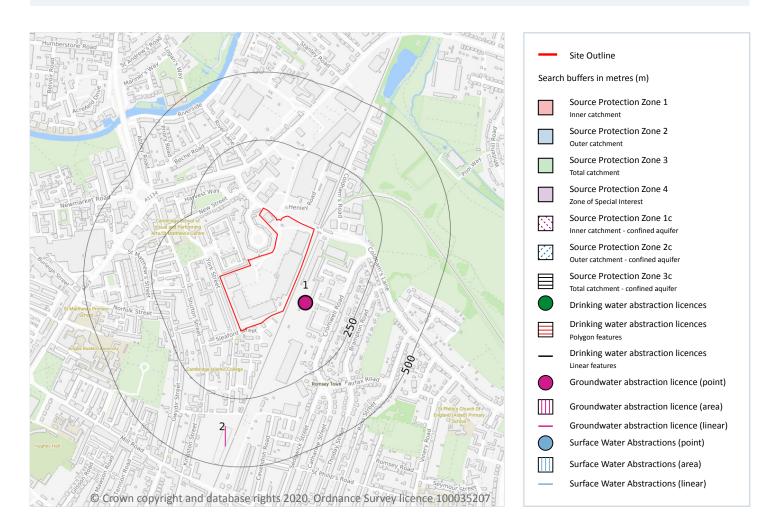




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Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m 29

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on page 76



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ID	Location	Details	
1	64m SE	Status: Historical Licence No: 6/33/33/*G/0072 Details: Pollution Remediation Direct Source: GROUND WATER SOURCE OF SUPPLY Point: DEPOT BOREHOLE Data Type: Point Name: NETWORK RAIL INFRASTRUCTURE LTD Easting: 546760 Northing: 258450	Annual Volume (m³): 10950 Max Daily Volume (m³): 30 Original Application No: - Original Start Date: 14/01/2002 Expiry Date: 31/12/2011 Issue No: 2 Version Start Date: 01/04/2008 Version End Date: -
2	354m S	Status: Active Licence No: AN/033/0033/008 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: GROUND WATER SOURCE OF SUPPLY Point: MILL ROAD, CAMBRIDGE. Data Type: Poly4 Name: Hill Partnerships Limited Easting: 546461 Northing: 257998	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 24/10/2019 Expiry Date: 31/03/2021 Issue No: 1 Version Start Date: 24/10/2019 Version End Date: -
-	1463m SW	Status: Historical Licence No: 6/33/33/*G/0024 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: UNIVERSITY BOTANIC GARDENS Easting: 545500 Northing: 257300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/12/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/02/2004 Version End Date: -
-	1463m SW	Status: Historical Licence No: 6/33/33/*G/0075 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545500 Northing: 257300	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 04/02/2004 Expiry Date: 31/03/2015 Issue No: 100 Version Start Date: 04/02/2004 Version End Date: -
-	1463m SW	Status: Historical Licence No: 6/33/33/*G/0075 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545500 Northing: 257300	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 04/02/2004 Expiry Date: 31/03/2015 Issue No: 100 Version Start Date: 04/02/2004 Version End Date: -



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ID	Location	Details	
-	1467m SW	Status: Active Licence No: 6/33/33/*G/0075/R02 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545514 Northing: 257280	Annual Volume (m³): 10,000 Max Daily Volume (m³): 181.80 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1467m SW	Status: Active Licence No: 6/33/33/*G/0075/R02 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545514 Northing: 257280	Annual Volume (m³): 10,000 Max Daily Volume (m³): 181.80 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1468m SW	Status: Historical Licence No: 6/33/33/*G/0075/R01 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545515 Northing: 257279	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1468m SW	Status: Historical Licence No: 6/33/33/*G/0075/R01 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545515 Northing: 257279	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



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15	,	2.11	
ID	Location	Details	
-	1536m SW	Status: Historical Licence No: 6/33/33/*G/0066 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.2 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR Easting: 545500 Northing: 257200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/06/1993 Expiry Date: 30-Jun-03 Issue No: 100 Version Start Date: 01/06/1993 Version End Date: -
-	1536m SW	Status: Historical Licence No: 6/33/33/*G/0066 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.2 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR Easting: 545500 Northing: 257200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/06/1993 Expiry Date: 30-Jun-03 Issue No: 100 Version Start Date: 01/06/1993 Version End Date: -
-	1610m SE	Status: Historical Licence No: 6/33/33/*G/0036 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT NORMAN WORKS Data Type: Point Name: BLUE CIRCLE INDUSTRIES LTD Easting: 548000 Northing: 257500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1978 Version End Date: -
-	1610m SE	Status: Historical Licence No: 6/33/33/*G/0036 Details: Non-Evaporative Cooling Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT NORMAN WORKS Data Type: Point Name: BLUE CIRCLE INDUSTRIES LTD Easting: 548000 Northing: 257500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1978 Version End Date: -
-	1657m SE	Status: Historical Licence No: 6/33/33/*G/0055 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUND WATER SOURCE OF SUPPLY Point: LAGOON AT NORMAN WORKS Data Type: Point Name: LAND SECURITIES TRADING LTD Easting: 547900 Northing: 257300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/12/1979 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -



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ID	Location	Details	
-	1679m S	Status: Active Licence No: 6/33/33/*G/0003 Details: Laundry Use Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: SWISS LAUNDRY LTD Easting: 546662 Northing: 256673	Annual Volume (m³): 38,000 Max Daily Volume (m³): 182 Original Application No: - Original Start Date: 01/01/1966 Expiry Date: - Issue No: 103 Version Start Date: 22/12/2017 Version End Date: -
-	1681m S	Status: Historical Licence No: 6/33/33/*G/0003 Details: Laundry Use Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE AT CAMBRIDGE Data Type: Point Name: SWISS LAUNDRY LTD Easting: 546650 Northing: 256670	Annual Volume (m³): 50000 Max Daily Volume (m³): 182 Original Application No: - Original Start Date: 01/01/1966 Expiry Date: - Issue No: 101 Version Start Date: 09/08/2004 Version End Date: -
-	1682m S	Status: Historical Licence No: 6/33/33/*G/0003 Details: Laundry Use Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE (TL 45/105) IN CAMBRIDGE Data Type: Point Name: SWISS LAUNDRY LTD Easting: 546660 Northing: 256670	Annual Volume (m³): 50000 Max Daily Volume (m³): 182 Original Application No: - Original Start Date: 01/01/1966 Expiry Date: - Issue No: 102 Version Start Date: 07/01/2015 Version End Date: -
-	1713m SW	Status: Historical Licence No: 6/33/33/*G/0075/R01 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545212 Northing: 257243	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
-	1713m SW	Status: Historical Licence No: 6/33/33/*G/0075/R01 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545212 Northing: 257243	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Details	
-	1713m SW	Status: Active Licence No: 6/33/33/*G/0075/R02 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545212 Northing: 257243	Annual Volume (m³): 10,000 Max Daily Volume (m³): 181.80 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1713m SW	Status: Active Licence No: 6/33/33/*G/0075/R02 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545212 Northing: 257243	Annual Volume (m³): 10,000 Max Daily Volume (m³): 181.80 Original Application No: - Original Start Date: 01/04/2018 Expiry Date: 31/03/2024 Issue No: 1 Version Start Date: 01/04/2018 Version End Date: -
-	1718m NW	Status: Historical Licence No: 6/33/33/*G/0062 Details: Large Garden Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: WELL -ARUNDEL HO.HOTEL-CAMBRDG Data Type: Point Name: ARUNDEL HOUSE HOTELS LTD Easting: 544900 Northing: 259300	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/10/1991 Expiry Date: - Issue No: 100 Version Start Date: 01/10/1991 Version End Date: -
-	1750m SW	Status: Historical Licence No: 6/33/33/*G/0066 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR Easting: 545200 Northing: 257200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/06/1993 Expiry Date: 30-Jun-03 Issue No: 100 Version Start Date: 01/06/1993 Version End Date: -
-	1750m SW	Status: Historical Licence No: 6/33/33/*G/0066 Details: General Farming & Domestic Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR Easting: 545200 Northing: 257200	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/06/1993 Expiry Date: 30-Jun-03 Issue No: 100 Version Start Date: 01/06/1993 Version End Date: -



Ref: WTM1-6857309

Your ref: WIE17469_-_Beehive_-_Req105105

Grid ref: 546677 258593

ID	Location	Details	
-	1750m SW	Status: Historical Licence No: 6/33/33/*G/0075 Details: Spray Irrigation - Direct Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545200 Northing: 257200	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 04/02/2004 Expiry Date: 31/03/2015 Issue No: 100 Version Start Date: 04/02/2004 Version End Date: -
-	1750m SW	Status: Historical Licence No: 6/33/33/*G/0075 Details: Horticultural Watering Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NO.1 AT BOTANIC GDN Data Type: Point Name: CHANCELLOR & MASTERS & SCHOLARS OF UNIVERSITY OF CAMBRIDGE Easting: 545200 Northing: 257200	Annual Volume (m³): 16400 Max Daily Volume (m³): 181.8 Original Application No: - Original Start Date: 04/02/2004 Expiry Date: 31/03/2015 Issue No: 100 Version Start Date: 04/02/2004 Version End Date: -
-	1830m SW	Status: Active Licence No: 6/33/33/*G/0029 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: GROUND WATER SOURCE OF SUPPLY Point: WELL AT CAMBRIDGE Data Type: Point Name: LEYS SCHOOL Easting: 544900 Northing: 257500	Annual Volume (m³): 2,000 Max Daily Volume (m³): 363.68 Original Application No: - Original Start Date: 01/06/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/06/1987 Version End Date: -
-	1900m SE	Status: Historical Licence No: 6/33/33/*G/0035 Details: General use relating to Secondary Category (Medium Loss) Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NORMAN WORKS Data Type: Point Name: BLUE CIRCLE INDUSTRIES LTD Easting: 548160 Northing: 257230	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1989 Version End Date: -





Your ref: WIE17469_-_Beehive_-_Req105105

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Grid ref: 546677 258593

ID	Location	Details	
-	1900m SE	Status: Historical Licence No: 6/33/33/*G/0035 Details: Non-Evaporative Cooling Direct Source: GROUND WATER SOURCE OF SUPPLY Point: BOREHOLE NORMAN WORKS Data Type: Point Name: BLUE CIRCLE INDUSTRIES LTD Easting: 548160 Northing: 257230	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/05/1967 Expiry Date: - Issue No: 100 Version Start Date: 01/05/1989 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

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

Features are displayed on the Abstractions and Source Protection Zones map on page 76

ID	Location	Details	
-	709m N	Status: Historical Licence No: 6/33/33/*S/0042 Details: Spray Irrigation - Direct Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER CAM AT CAMBRIDGE Data Type: Point Name: PYE CAMBRIDGE LTD Easting: 546500 Northing: 259500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/08/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/10/1971 Version End Date: -
-	1945m W	Status: Historical Licence No: 6/33/33/*S/0063 Details: General Farming & Domestic Direct Source: SURFACE WATER SOURCE OF SUPPLY Point: RIVER CAM AT CAMBRIDGE Data Type: Point Name: MASTER & FELLOWS OF CLARE COLLEGE Easting: 544500 Northing: 258500	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: - Original Start Date: 01/03/1992 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1992 Version End Date: -

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

