



Conceptual Site Model, Environmental Setting and Site Design Report

Meridian Water Waste Recovery Permit Application

March 2024

Waterman Infrastructure & Environment Limited

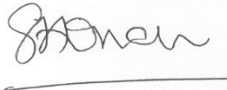
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This document has been prepared and checked in accordance with Waterman Group’s IMS (BS EN ISO 9001: 2015, BS EN ISO 14001: 2015 and BS EN ISO 45001:2018)

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Glossary

- The permitted site – this refers to the proposed permitted area as defined in Plan D-ESSD1C.
- Meridian Water Strategic Infrastructure Works (SIW) – the enabling works required in advance of the construction of Phase 2 of the Meridian Water Development. The works will occur across two adjacent areas termed Phase 1 SIW and Phase 2 SIW – collectively ‘the SIW site’ for the purposes of the EP application documents.
- Development Zones (DZ) – specific areas in Phase 2 Meridian Water Development referred to in planning documents. As shown on Plan D-ESSD1D.
- Edmonton Marshes flood relief storage basins – to be excavated at the eastern end of the site as part of the SIW in DZLV1. The waste the subject of this EP application will arise from excavation into the former Lee Valley Trading Estate landfill to create part of the flood relief storage basins.

Glossary

1. Introduction

1.1 The Brief

Waterman Infrastructure & Environment Limited (“Waterman”) is instructed by Taylor Woodrow Construction, the civil engineering arm of Vinci Construction UK Limited (“the applicant” and “the operator”) to prepare an application for an Environmental Permit (EP). The EP application is to authorise the permanent deposit of waste on land as a recovery activity. The waste recovery is for previously deposited (waste) soil and stones to be used in the Strategic Infrastructure Works (SIW) at Meridian Water, Enfield, London.

This Environmental Setting and Site Design report is required to support the waste recovery EP application.

1.2 Context

The Meridian Water scheme is a regeneration project led by the London Borough of Enfield (LBE). The permitted site is one small part of the wider Meridian Water scheme. The permitted site is centred at approximate National Grid Reference 535601 191831.

Overall, the Meridian Water scheme will deliver:

- 10,000 new homes;
- 6,000 high quality jobs, a further 10,000 construction jobs;
- new train station;
- schools, healthcare provisions and other local services; and
- naturalisation of the Pymmes Brook and improved waterside public green spaces.

The first phase of the scheme (“Meridian One”) was granted full planning permission and is underway. The new Meridian Water station opened in 2019, the first new school in 2017 and the first 950 homes are scheduled for completion in 2026 at Willoughby Lane.

LBE is now bringing forward Phase 2 of the Meridian Water scheme. Phase 2 is a residential led mixed use scheme including up to 2,300 new homes, various non- residential uses including workspace and a new school. To enable Phase 2, the SIW are required to prepare the development area including the implementation of flood mitigation measures.

Earthworks material will be excavated from various locations across the SIW site where the level needs to be lowered to provide flood storage basins or to create a suitable development platform level. Some material will be suitable for reuse in earthworks without treatment, other material will require remediation (regulated by separate mobile treatment plant permit). Material confirmed to be suitable for reuse will be moved to various locations in the SIW site where levels need to be raised. The cut and fill locations are shown on plan D-ESSD4.

Most of the material to be excavated and / or treated will be reused in accordance with the Definition of Waste: Development Industry Code of Practice (DoWCoP). However, some excavation will be necessary in an area that is considered by the Environment Agency (EA) to be an historic landfill site (Lee Valley Trading Estate Landfill located at the eastern end of the SIW site and shown on plan D-ESSD2E).

The waste recovery green line boundary is shown on plan D-ESSD1C, with the SIW site boundary on plan D-ESSD1A. The actual locations where waste will be deposited will depend on the detailed sequencing of the works (so dependent on factors including progress of remediation works) and the time taken by the EA to determine the EP application. The balance of fill placed in the waste recovery areas will be placed in accordance with the DoWCoP.

Treatment of waste will be limited to sorting at the point of excavation to separately remove any gross contamination or large lumps of hard materials. Waste suitable for recovery will be stored in stockpiles, until required for use in earthworks in the permitted site. Waste may also be treated with lime or cement for moisture control and / or creation of capping material. Both applications will be for geotechnical improvement so should not require waste regulatory controls. However, should the EA disagree, the treatment will be carried out under mobile treatment plant permit and the relevant List of Waste codes included for in the waste recovery EP application.

1.3 Report Structure and Scope

The EP application requires an ESSD. This has been developed using the EA template¹ provided.

Technical information prepared for the Meridian Water Development Area has been utilised where appropriate. Including but not limited to that prepared for:

- the planning applications for the scheme;
- documents required to fulfil planning conditions (e.g. Construction Environmental Management Plan (CEMP));
- data and analysis from ground investigation;
- waste classification analysis of samples collected from the former landfill area;
- specification for materials suitable for reuse in the earthworks; and
- detailed design (highways, drainage, landscaping).

Taylor Woodrow's general and environmental management policies and procedures are in place for the SIW construction site and will be applied as appropriate to the permitted activities. Taylor Woodrow documents referred to are included elsewhere in the application bundle.

The ESSD will form part of the environmental management system (EMS) to be operated by the applicant for the lifetime of the EP. A copy of the ESSD and EMS will be kept in Taylor Woodrow's SIW site office.

Where EA templates have been used to structure the report, any sections that are not applicable to the activity have been included for completeness. With an explanation of why they are not relevant.

The ESSD template includes a list of anticipated drawings. Those that are relevant to this application are listed in Appendix A at the end of the ESSD and are presented in the "ESSD drawings and information bundle".

In the text of this report the plans may be referred to in full or by abbreviated reference e.g. D-ESSD1A.

1.4 Limitations and Constraints

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

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

¹ <https://www.gov.uk/guidance/landfill-operators-environmental-permits/what-to-include-in-your-environmental-setting-and-site-design-report> (accessed February 2024)

2. Site details

2.1 Site Classification

The permitted site is classified as recovery of waste on land. As such, the EA landfill location policy does not apply.

2.2 Site Location, Access and Environs

The Meridian Water scheme is located in Enfield. The permitted site is centred at the following approximate address Meridian Water, London N18 3BY and National Grid Reference 535601 191831. The waste recovery permit boundary is shown on D-ESSD1C. The SIW site boundary within which the permitted site lies is shown on D-ESSD1A. The various land-uses around the site including receptors potentially sensitive to emissions from the site, are shown on D-ESSD2A.

The A406 North Circular runs along the northern boundary, with the River Lea Diversion Channel on the eastern boundary. A further three watercourses flow north to south through the site – Pymmes Brook, Salmon Brook and the River Lee Navigation. The watercourses are maintained at water levels about 0.5m below surrounding ground levels.

The permitted area will sit within an area currently occupied primarily by industrial uses including external yards for open storage with some derelict buildings. The eastern part of the SIW site – Lee Valley Regional Park land and Thames Water land - is heavily vegetated including with invasive species. Parts of this area are in industrial use including use as a waste transfer station.

A plan showing the site access points is provided in the ESSD drawings and information bundle submitted in support of the EP application (D-ESSD6A). Entrance to the SIW site will be controlled by security staff at all times (24/7). The permitted site will receive waste arising from elsewhere in the SIW site only – no waste will be imported from outside the SIW site.

The existing fence lines at the SIW site consist of a mixture of fence types and include mesh, solid and chain-link fencing. The fences will, as far as possible, be retained and repaired (if required). Where the site needs to be secured new fence lines will be erected, which will be either solid hoardings, mesh fences or moveable barriers depending on location and construction constraints.

Fence lines will also be maintained or installed within zones as required to maintain segregation between members of the public and construction activities e.g. along Harbet Road and Towpath Road. The permitted site will be open to the wider SIW site.

Hoarding detail is shown on plan D-ESSD6A in the ESSD drawings and information bundle. More information on site hoarding can also be found in the Construction & Logistics Plan² included in the Taylor Woodrow document bundle.

2.3 Adjacent Former Waste Management Activities

2.3.1 Historical landfill

In terms of adjacent former waste management activities, of relevance to this application is the presence of an historic landfill identified by a polygon record in the Groundsure report. The Lee Valley Trading Estate landfill is found in the eastern end of the SIW site. The landfill location is shown on D-ESSD2E. Section 3.1.1 discusses the boundary of the historic landfill in more detail.

² Reference: SIW-TWC-XX-XX-PL-W-000022, Revision 4, dated March 2023

Excavation arisings from construction of the Edmonton Marshes flood relief storage basins in the area to be agreed with the EA to be historic landfill, will be the waste the subject of this waste recovery EP application.

2.3.2 Historical waste sites

The Groundsure report details a waste transfer station within the permitted site at Leaside Road (planning application reference - 98/054796). Further waste sites within 200m include two waste transfer stations at Stonehill Business Park, a waste transfer station and depot at Harbet Road, and a recycling unit at a Tesco store on Glover Drive.

2.3.3 Licensed waste sites

Active or recently closed waste sites under Environment Agency regulation are detailed in the Groundsure report (map page 86 and details from page 91). Including two (physical treatment facilities) on site and an additional twenty (of varying types) within 200m of the site. The two physical treatment facilities are located on Leaside Road and have the waste management licence number 80293.

2.4 Topography and Creating the Development Platform

Flood Risk Mitigation Topography across the site is generally flat, with most of the area covered by roads, hardstanding and buildings. An area to the south of DZ4, and the north, east and south of DZLV1 are covered by scrub grassland (see plan D-ESSD1D for development zones). At the north and east of the eastern end of the SIW site (Lee Valley Trading Estate) the topography is raised above surrounding levels to form grass-covered mounds up to 4m tall.

Land raising is proposed to mitigate flood risks to the new development – without land raising the proposed built development would be at an unacceptable risk of flooding and it is reasonable to assume planning permission would not have been granted.

The flood risk assessment for Phase 2 Meridian Water³ confirms fluvial flooding to pose the largest risk of flooding to the site, with risk of surface water flooding also present. The mitigation strategy is a combination of raising the ground level as required in parts of the site as well as providing flood storage to compensate for the loss of flood plain necessary to raise ground levels. A flood conveyance channel is also proposed to link the new built development areas to flood storage basins in the eastern part of the site (the Edmonton Marshes flood relief area in the Lee Valley River Park).

The mitigation section of the flood risk assessment is appended to the Waste Recovery Plan.

The roads across the site are not specifically mentioned in the mitigation section of the flood risk assessment, however land raising is required to enable the road levels to tie in with the proposed development plot levels and the surrounding road network as well as to tie in with bridges across the watercourses within the SIW site.

An addendum to the flood risk assessment⁴ amplified the land raising requirements. It confirmed finished floor levels should be at least 300mm above the 100 year plus climate change flood levels and that the design meets these requirements. A plan setting out flood water levels and finished ground levels taken from the addendum is appended to the Waste Recovery Plan.

The Earthworks and Flood Mitigation Engineering Plans⁵ set out in more detail the formation levels and finished ground levels across the SIW area considering the:

³ Phase 2 and Strategic Infrastructure Works Flood Risk Assessment, Arup January 2020 reference MWP2-6/MWSIW-5-REV02

⁴ FRA Addendum rev 2, Arup March 2020 reference MWP2-6 MWSIW-5 FRA Addendum 2

⁵ Strategic Infrastructure Works Earthworks and Flood Mitigation Engineering Plans, Arup May 2020 reference MWSIW_APP1_05 REV02

- requirements of the flood risk assessment;
- requirements regarding ease of accessibility for all future residents, workers and visitors to the area; and
- requirements driven by onsite bridge levels and offsite features that need to be tied in to.

The plans are appended to the Waste Recovery Plan.

2.4.1 Ecological and Amenity Improvement

The SIW also includes works to naturalise the Pymmes Brook and provide improved waterside public green spaces which will also benefit ecology. The area will be known as Brooks Park.

A hydraulic cut off wall will be constructed keyed into the top of the London Clay surrounding the area of the new naturalised Pymmes Brook channel. The works also include excavation to formation followed by installation of an impermeable barrier across the entirety of Brooks Park within the SIW Phase 1 area thereby preventing downward migration of precipitation and surface water to groundwater.

On both ends of the new Pymmes Brook naturalised channel, the impermeable barrier will be constructed to tie in with the retained Pymmes Brook concrete channel to the north and south of the new naturalised channel, creating a continuous impermeable barrier, preventing connectivity of brook water to groundwater. Details for the impermeable barrier are shown on the plans and sections D-ESSD5W-Y.

This will be followed by completion of the hard and soft landscaping. A soil plant growth layer will be required, and it is anticipated this could be provided by soils excavated from the area of DVLV1 covered by the historic landfill polygon. Should the local EA not agree to the reduction of the historic landfill extent, the soil excavation arisings from that area would have a waste label.

See plans D-ESSD5U-Y for details of Brooks Park.

3. Source

3.1 Historical Development

Note that for the purposes of contaminated land assessment across the SIW site, Arup has split the SIW into two phases – Phase 1 SIW lies to the east of Pymmes Brook and Phase 2 SIW to the west of Pymmes Brook. This phase nomenclature is not to be confused with Phase 2 Meridian Water. See D-ESSD1D for development zone locations and the boundaries of Phases 1 and 2 SIW.

The historical development of the SIW site is set out in the Arup Remediation Strategies (2023) for Phase 1⁶ and Phase 2⁷ included elsewhere in the EP application. It was largely undeveloped land until well into the twentieth century. Over that century, much of the site was subject to industrial development including chemical works, gas holder, linoleum factory, engineering works and sheet metal works. More recently the site has seen light industrial and commercial uses including event spaces.

The ‘historical landfill’ at the eastern end of the site is further discussed in 1.1 below.

The watercourses running north to south through and to the east of the site have been modified over time – some culverting, canalising and diversions having taken place.

The figures below, extracted from Arup (2023), sets out the key historical land uses for the different parts of the Phase 1 and Phase 2 SIW sites.

Figure 1: Main historical uses across the SIW Phase 1 site (taken from Arup 2023)

Zone	Historical use
Within SIW-Phase 1 boundary	
DZ2	Gasholder
DZ4	Leeside Chemical Works, waste transfer station, raised land (possible infill), engineering works, tanks, platforms, substations and a wharf
DZ5	Sparklet Works, engineering works, carparking, storage and small-scale industry
DZ6	Angel Works (timber wharf, furniture, joinery works), vehicle testing centre
DZ7	Angel Works (linoleum factory, engineering, sheet metal, furniture, joinery and moulded plastic works)
LV1	Includes an area identified by Environment Agency as ‘historical landfill’ that contains reworked natural material and some Made Ground containing higher quantities of anthropogenic material (e.g. masonry rubble)
Sitewide	Approximately 20 tanks and one gasholder. Three electrical substations.

Figure 2: Main historical uses across the SIW Phase 2 site (taken from Arup 2023)

Historical use	
Onsite	
DZ2	Gothic Works and ancillary areas of gas works, a large tank in the northwest of the site (near boundary between DZ2 and DZ3). Coal compound in the west of DZ2.
DZ3	

⁶ Arup (2023), Strategic Infrastructure Works, Meridian Water- Remediation Strategy and Verification Plan for SIW Phase 1 (REP/260637/CL/004) issue 4.

⁷ Arup (2023), Strategic Infrastructure Works, Meridian Water – Remediation Strategy and Verification Plan for SIW Phase 2 (REP/260637/CL/SIWPh2/003 issue 2).

3.1.1 Lee Valley Trading Estate Landfill

The EA's landfill record is presented as a polygon with no information available as to the waste volumes, types or dates of filling for example. Arup (on behalf of LBE) undertook an extensive review of documentary evidence and ground investigation findings. The conclusion of that work was that the much of the eastern end of the SIW site to the former banks of the River Lea had been subject to land raising and reprofiling at different times during the twentieth century. The material originally deposited considered mostly likely to have arisen from the construction of the William Girling Reservoir close by the north of the site as well as potentially arising from the excavation of the River Lea Diversion Channel to the immediate east of the site. Subsequent development on and adjacent to this part of the site may have led to reworking or removal from site of some of the imported material.

The landfill record boundary is shown on D-ESSD2E.

Arup prepared the Remediation Strategies for Phases 1 and 2 SIW. These documents set out the soils from the landfill area (that will be used to increase levels elsewhere) comprise:

- in-situ natural soils including alluvium, sands and gravels but excluding highly compressible and degradable soils such as peat;
- previously placed reworked natural soils comprising principally natural soils and stones; and
- soils described as Made Ground but comprising principally natural soils.

Notwithstanding the above, Arup proceeded to consider if ground investigation data for the area of land within the polygon record (shown on D-ESSD2E) could be further interrogated to refine the lateral and vertical extent of any landfill. Plan D-ESSD2F shows the area split into northern and southern areas.

The project remediation contractor has further considered the available information and considers visual and geochemical assessment of the material beneath the concrete slab across the polygon area show no clear differentiation between the upper and lower ground strata which may suggest all the material is undisturbed natural ground rather than having been re-worked or discarded and disposed of. Disturbance of ground immediately beneath the existing slab may have occurred during installation of the slab. The northern part of the polygon area is however raised indicating material has been discarded/landfilled in this location. The project remediation contractor intends to progress discussions with the local EA area team to agree the reduction of the extent of the Lee Valley Trading Estate Landfill on this basis.

3.2 Proposed Development

3.2.1 Meridian Water

The permitted site is one small part of the Meridian Water scheme. Overall, the Meridian Water scheme will deliver:

- 10,000 new homes;
- 6,000 high quality jobs, a further 10,000 construction jobs;
- new train station;
- schools, healthcare provisions and other local services; and
- naturalisation of the Pymmes Brook and improved waterside public green spaces.

The first phase of the scheme ("Meridian One") was granted full planning permission and is underway. The new Meridian Water station opened in 2019, the first new school in 2017 and the first 950 homes are scheduled for completion in 2026 at Willoughby Lane.

LBE is now bringing forward Phase 2 of the Meridian Water scheme. Phase 2 is a residential led mixed use scheme including up to 2,300 new homes, various non-residential uses including workspace and a new school. To enable Phase 2, the SIW are required to prepare the development area including the implementation of flood mitigation measures. The SIW include for the completion of final road surfaces, footpaths and hard and soft landscaping (Brooks Park) above the waste deposit west of Harbet Road and the completion of hard and soft landscaping to the east of Harbet Road. As part of the SIW, development plots will be finished to 0.5m below finished floor level, with the follow-on-built development of homes and commercial premises etc. to be undertaken by others.

3.2.2 Quantity of waste

The software package Civil3D is used to calculate the various quantities of earthworks material to arise and be used. Existing topographic survey data are loaded into the model to create a ground surface in 3D. The surface levels for the completed earthworks are then loaded into the model (which may be higher or reduced compared to existing) and the software then calculates the volume between the two surfaces. In areas to be completed as roads and footpaths (including hard landscaping east of Harbet Road), the completed earthworks surface will be at formation level with construction of the surface finish to occur immediately above the waste deposit. In development plot areas, the completed earthworks surface is 0.5m below the base of the construction layer. In soft landscaped areas to east of Harbet Road, the completed earthworks surface is to be 0.5m below finished surface to allow for subsoil and topsoil placement.

The finished ground level and hence formation level has been set with reference to the flood risk assessment outcomes and further requirements as explained in section 2.4 above.

In addition, soils will be placed across the soft landscaped areas of Brooks Park to depths ranging from 300 – 500mm in depth.

The volume of fill required to achieve the formation level in the waste recovery areas excluding Brooks Park is up to 102,178m³. Brooks Park will require up to 3,822m³ of soils. The overall quantity of 106,000m³ is a greater volume than will be used. A maximum of 71,500m³ of waste will be used. The actual locations where waste will be deposited will depend on the detailed sequencing of the works (so dependent on factors including progress of remediation works) and the time taken by the EA to determine the EP application. The balance of fill placed in the waste recovery areas will be placed in accordance with the DoWCoP.

Based on a conversion factor of 2.2 tonnes per m³ for the waste, the maximum quantity of waste is given as 157,300 tonnes.

A plan and cross sections identifying suitable locations for the waste to be used in the context of the overall earthworks scheme for SIW are included in the Waste Recovery Plan and duplicated in the ESSD drawings and information bundle as D-ESSD4 and D-ESSD5A – C. These drawings are products of the earthworks modelling software Civil3D. Please note the “lines of sections” are presented on D-ESSD4. In addition, plans D-ESSD5V, X and Y provide sections through Brooks Park – the soils shown on plan D-ESSD5V may be waste.

3.2.3 Waste types

The waste will be limited to non-hazardous waste as set out in the table 1.

Table 1: Proposed list of site-derived wastes

EWC code	EWC description	Limitations
17 05 04	soil and stones other than those mentioned in 17 05 03	Limited to site-derived material meeting the chemical and physical specifications for the works
19 03 05	stabilised wastes other than those mentioned in 19 03 04	Limited to site-derived material meeting the chemical specifications for the works and requiring treatment for moisture content control to meet the physical specification for the works.
19 03 07	solidified wastes other than those mentioned in 19 03 06	Limited to site-derived material meeting the chemical specifications for the works and requiring treatment for moisture content control to meet the physical specification for the works.
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01	Limited to site-derived material meeting the chemical specifications for the works and requiring treatment for moisture content control to meet the physical specification for the works.

The waste to be used will arise from excavation into the “Lee Valley Trading Estate Landfill”. The specific soils (waste) to be used in earthworks are set out in section 2 of “Reuse of excavation arisings in DZLV1 using DoWCoP, Technical Note” prepared by Arup, 06/09/2021 submitted as Appendix D of the WRP with the detail reproduced below:

1. In situ natural soils including alluvium and sands and gravels but excluding highly compressible and degradable soils such as peat. Some natural soils may require treatment for moisture control to provide the engineering performance.
2. Previously placed reworked natural soils comprising principally natural soils and stones. This could be both granular and cohesive soils and could include occasional small size fragments of brick and concrete, or similar hard and small size anthropogenic materials.
3. Soils described as Made Ground but comprising principally natural soils similar to (1) and (2) above.

Based on recent ground investigations, it is anticipated the excavated waste will not require treatment for reasons of contamination to enable its use in earthworks. Any gross contamination observed during excavation will have been isolated at that point. Large pieces of concrete or brickwork will also be removed at the point of excavation. Items of deleterious material such as wood or plastic will be hand or machine picked for offsite recovery or disposal to ensure the material’s compliance with the physical specification for earthworks material.

The stabilised and solidified waste types are not on the list of wastes the EA will normally accept as suitable for use in a deposit for waste recovery. Note these LoW codes are only being included to address the possibility the EA will consider that treatment of waste soils for moisture control and / or creation of capping material requires permit controls with the products of treatment requiring coding as Chapter 19 wastes. Details of the specification the waste will need to meet to be considered suitable for use, are set out in section 3.5 of the WRP. Suitable for use criteria include being protective of human health and the environment. The consultants and engineers responsible for developing the specification are suitably qualified to do so.

3.2.4 Waste reuse location, permitted area volume and programme

As is apparent from the isopach plan (D-ESSD4), ground levels are to be reduced in parts of the SIW site primarily to provide flood water storage at the eastern end of the site to compensate for flood plain storage to be lost due to the land raising described in section 2.4 above. Part of the area to become the Edmonton Marshes flood relief area comprises ground considered to be an historic landfill. Excavation arisings from this area are therefore considered to be a waste. This waste is the subject of this ESSD.

Plans and cross sections identifying suitable locations for the waste to be used in the context of the overall earthworks scheme have been prepared. These plans included-ESSD4 (depths of waste and lines of section) and D-ESSD5A - C (sections) and plans D-ESSD5U-Y for Brooks Park.

The quantum of material required as fill in the permitted site is XXXXm³.

Whilst the permitted site does comprise a number of discrete locations within the SIW earthworks, it will not be split into cells or phases as such. The filling will not start at one end of the area and progress linearly, it may be undertaken in more than one part of the permitted site at any one time as part of the overall earthworks scheme. The current construction programme for the SIW commenced in June 2022 and concludes in March 2026. The earthworks and follow on construction programmes, including for bridges and roads, are to take place between May 2024 and May 2025.

3.2.5 Landform and after-use

The cross sections referred to above (D-ESSD5A-C and plans D-ESSD5U-Y for Brooks Park) provide the details of where waste will be placed.

The top surface in sections D-ESSD5A-5C and D-ESSD5X and Y corresponding with formation level (roads, footpaths and hard landscaping), 0.5m below formation level on development plots and to the base of the subsoil in areas of soft landscaping (east of Harbet Road). Above formation level will be constructed roads, footpaths, hard and soft landscaping. On the development plot areas outline planning has been sought for built development including workplaces, hotel, student accommodation and residential apartments above workplaces.

Sections showing the construction detail for roads and footpaths which are to be completed as part of the SIW are included in D-ESSD-5F (highways).

The landscaping scheme includes trees and raingardens within the highways to the west of Harbet Road. All such features are to be lined so preventing rainwater draining into the underlying ground (rather than the waste deposit) beneath (drainage discussed in more detail in section 5.3.2). The landscaping plans are included in D-ESSD5G - J

The waste recovery area in Edmonton Marshes overlays existing Thames Water assets. It will be finished with a mixture of hard and soft landscaping providing public open space. The contaminated land assessment conducted to satisfy the planning process concluded lined drainage was not required in this location because the underlying ground is sufficiently uncontaminated. The landscaping plans for Edmonton Marshes are included in D-ESSD5N-R.

The soils to be placed in Brooks Park (plan D-ESSDV sections) will support the soft landscaping that will form an improved waterside environment for people and wildlife. Plan D-ESSD5U shows the proposed layout, planting scheme and ecological enhancements for this area.

The roads and footpaths are integral to the proposed redevelopment of this area for homes, workplaces, open spaces etc. – some of which will be constructed on the development plots included in the permitted area. Extracts from the Design and Access Statement prepared to support the planning application for Phase 2 Meridian Water are included in the ESSD drawings and information bundle as D-ESSD5K - M. Within the extracts are images and other details of the proposed completed development, noting that the full details of the Phase 2 details will be subject to further reserved matters planning applications in due course.

3.2.6 Environmental Permitting Regulations 2016 - Schedule 22 – hydrogeological risk screening

The findings of a Hydrogeological Risk Screening are presented in the Hydrogeological Risk Assessment (HRA) included in the EP application bundle.

4. Pathway and receptor

4.1 Geology

The geological profile is derived from published geological maps (British Geological Survey (BGS)) and ground investigation data. The sequence of strata beneath the site comprises the superficial deposits of Enfield Silt Member (west of Pymmes Brook) and Alluvium (east of Pymmes Brook) overlying the solid geology of Kempton Park Gravels over London Clay Formation, then Lambeth Group and Thanet Formation on top of Chalk. Made Ground of various thickness and forms overlies the entire site.

The geology across the Meridian Water Development Area based on historic BGS borehole records and ground investigation data are summarised in Table 2.

Table 2: Stratigraphy across the Meridian Water Development Area based on BGS borehole records

Stratum	Area Covered	Estimated Thickness (m)	Depth to Top of Stratum (m bgl)	Typical Description
Made Ground	Entire Site	0 to 5	+8 to +15	Concrete, tarmac or topsoil over red-grey-brown slightly clayey sand and flint gravel with small fragments of brick, concrete, glass and plastic and occasional asbestos.
Alluvium	West of Angel Edmonton Road (Area 1)	0 to 2.5	+6 to +11	Brown-grey mottled silty clay.
Enfield Silt Member	East of Angel Edmonton Road (Areas 2-7 and LV1)	0 to 3	+9.5 to +10	Yellow-brown slightly clayey fine sands and silts
Kempton Park Gravel Member	Entire Site	2 to 6	+6.5 to +11	Multicoloured sandy clayey flint gravel
London Clay Formation	Entire Site	2 to 12	+2 to +7.5	Brown, fissured slightly sandy clay
Harwich Formation	Central areas of Permitted Site	0.7 to 1.5	-1.8 to -6.5	Greenish-grey sandy calcareous clay
Lambeth Group	Entire Site	5 to 16	-6 to +2.5	Brown-blue slightly mottled sandy clay with fine-medium sand partings.
Thanet Formation	Entire Site	6 to 18	-19 to -3	Dark grey slightly silty fine-medium sand
Chalk Group	Entire Site	100+ (not proven)	-30 to -20	Fractured white chalk with flints

Details of regional geology are confirmed as D-ESSD8. The ground conditions within the permitted site and SIW area are summarised as follows. See D-ESSD1D for locations of the development zones discussed below.

4.1.1 DZLV1 (Phase 1 SIW)

The Phase 1 SIW area includes DZLV1: Edmonton Marshes. The southwest of this area is classified as an historic landfill by the EA. The area is to be excavated to create flood relief storage basins that will be used as an amenity area most of the time.

The clean-up and removal of old waste material, fly tipping and invasive species was undertaken in May 2022. Further fly-tipping occurred and at the time of writing further site clearance is underway.

During previous investigation works, for most of the locations across DZLV1, no visual or olfactory evidence for contamination was identified. Evidence of significant hydrocarbon contamination within natural soils was not identified during intrusive works and trace amounts of asbestos were identified from four samples across the historical landfill section of the DZLV1 area.

4.1.2 DZ4 (Phase 1 SIW)

The Phase 1 SIW area includes the centre and south-west sections of DZ4 within its boundary. Historically this area of the site has been occupied by a waste transfer station, various warehouses, works and factories including Leaside chemical works to the south. Together, DZ4 and DZ5 form part of the Orbital Business Park with warehouses/commercial units to the north with undeveloped land to the south.

Source removal of soils has been undertaken around former tanks at Leaside Chemical Works, but residual contamination was left in-situ including metals, PAH, asbestos containing material (ACM) and hydrocarbons.

4.1.3 DZ5 (Phase 1 SIW)

Phase 1 SIW works within DZ5 occupy the central to north-western extent of this area, along with an access road running north-south. This area of the site was historically occupied by multiple works and warehouses, and car parking.

Within soils across DZ5, elevated concentrations of lead, BTEX, PAHs and VOCs/SVOCs are recorded along with asbestos.

4.1.4 DZ6 and DZ7 (Phase 1 SIW)

The SIW area is constrained to a roadway intersecting the north-western corner of DZ6, and running north-west to south-east through the southern half of DZ7. Historically, both these zones have been occupied by the Angel Works (producing linoleum flooring), and various other works including plastics, furniture and metal manufacturing. Due to the similarities in ground conditions and historical uses, these plots have been considered as a single area for contamination purposes.

Asbestos and elevated concentrations of TPH (specifically diesel range organics (DRO)), PAH and phenols are recorded in shallow soils.

4.1.5 DZ2 (Phase 2 SIW)

Areas of the Phase 2 SIW within DZ2 comprise a roadway running north-south along the western boundary, parallel to Pymmes Brook. A south-eastern section of the former gasholder area at DZ2 is also included. Historical land uses at and close to this area include the now-disused gasholder which has been demolished, infilled and partially remediated in 2015, and the Gothic Works which extend further to the north.

Investigation works have identified ground and groundwater contamination largely centred around the former gasholder structure to the south of the Phase 2 SIW area within DZ2. Recorded contamination includes metals, hydrocarbons (TPH, BTEX, PAHs) and volatile organic contamination within shallow soils.

4.1.6 DZ3 (Phase 2 SIW)

Most of DZ3 falls outside the Phase 2 SIW boundary. However, a section in the south-east corner of this development zone will be developed with a new roadway. Historically, this area has been car parking.

Identified contamination in this area includes hydrocarbon contamination encountered in the Kempton Park Gravel Member and Harwich Formation during redevelopment of the nearby Meridian Water train station.

4.2 Hydrology

Different SIW documents and various literature sources have given the watercourses traversing the site and running adjacent to the site boundary, varying names.

For the purpose of this EP application, the following names are used:

- Pymmes Brook, running from north to south through the SIW site, between DZ3 and DZ5;
- Salmon Brook, running from north to south through DZ4 and DZ5;
- River Lee Navigation, running from north to south dividing DZ4 and DZ6, and DZ5 and DZ7; and
- River Lea Diversion Channel, running adjacent to the eastern boundary of the SIW (DZLV1).

The River Lea Diversion Channel flows as one or two channels at different points as it flows past the SIW site.

All watercourses are culverted in concrete lined channels within the SIW area. As part of the SIW a stretch of Pymmes Brook will be naturalised. The works will be undertaken in such a way as to prevent connectivity between groundwater and the naturalised brook as explained in more detail in the Arup 2023 remediation strategies. A plan of the proposed works is included as D-ESSD10B with map of local watercourses presented as D-ESSD10A.

The SIW site is at risk of flooding. See D-ESSD2B – D. The specific earthworks the subject of this EP application are all necessary in part to reduce the risk of flooding to the completed development. The waste to be used is to arise from construction of flood storage basins at the eastern end of the SIW site. Flood risk to the site has been considered in detail by the planning process, and relevant information extracted from the various planning documents is summarised in and appended to the Waste Recovery Plan which should be referred to for further detail.

There are no active discharge consents (now Environmental Permits) to surface waters stream/river within 500m of the permitted site are recorded in the Groundsure report. No surface water abstractions are reported.

4.3 Hydrogeology

4.3.1 Aquifer characteristics

Table 3: Site Geology and Hydrogeology

Stratum	Area Covered	EA Classification	Groundwater Range Within Stratum (m OD)
Made Ground	Entire Site	Not classified, may locally contain shallow water	N/A – not identified as a continuous groundwater body across the site
Alluvium	West of Angel Edmonton Road (Zone 1)	Secondary A Aquifer	N/A – not identified as a continuous groundwater body across the site

Stratum	Area Covered	EA Classification	Groundwater Range Within Stratum (m OD)
Enfield Silt Member	East of Angel Edmonton Road (DZs 2-7 and LV1)	Secondary A Aquifer	N/A – not identified as a continuous groundwater body across the site
Kempton Park Gravel Member	Entire Site	Secondary A Aquifer	+5.4 to +8.9
London Clay Formation	Entire Site	Unproductive Strata	N/A – no groundwater present within this stratum
Harwich Formation	Central areas of Permitted Site	Secondary A Aquifer	N/A – not identified as a continuous groundwater body across the site
Lambeth Group	Entire Site	Secondary A Aquifer	N/A – not identified as a continuous groundwater body across the site
Thanet Formation	Entire Site	Secondary A Aquifer	-1.6 to -12.4 – Identified as a continuous water body
Chalk Group	Entire Site	Principal Aquifer	between both strata

Although designated as a secondary A aquifer, groundwater was not consistently recorded in the Alluvium during groundwater monitoring. Across most of the site, the Alluvium was recovered as a cohesive clay occasionally containing layers of pseudo-fibrous peat.

The Harwich Formation and Lambeth Group are similarly recorded as secondary A aquifers, however groundwater was not consistently identified in these strata. The underlying Thanet Formation and Chalk Group have been found in hydraulic continuity, with the secondary A aquifer and principal aquifer acting as a single water body.

The permitted site is in a sensitive location as groundwater source protection zones (SPZ) extend across the entire SIW area. The north, north-east and east of the site are within groundwater Source Protection Zone 1, with the remainder of the site located in Source Protection Zone 2. The source protection zones are in place to be protective of abstractions from the Chalk. Potable water abstractions from the Chalk Group aquifer are located to the north, east and south within 500m of the SIW boundary.

A single active discharge consent (now Environmental Permit) for discharge to groundwater is reported within 500m of the site (see the Groundsure report). For the discharge of “trade discharges process effluent – not water company” to receiving water “abstraction recharge borehole” at a location 290m to the south east.

Details of regional hydrogeology are presented as D-ESSD9A and B.

4.3.2 Groundwater flow

Perched groundwater in Made Ground

Arup undertook twenty rounds of groundwater level monitoring across the site as part of previous investigation works. Shallow water was recorded within the Made Ground sporadically across the site and did not form a consistent water body. It is likely this perched water is influenced by rainfall infiltration.

Secondary A aquifer in Kempton Park Gravel Member

Within the underlying Kempton Park Gravel Member, groundwater is encountered at generally consistent depths but with inconsistent flow directions throughout the monitoring period. Following long-term monitoring of this aquifer, general groundwater level has been found highest at DZs DZ4 and DZ5 in the centre of the site, with groundwater flow migrating outwards laterally to the north, south and west.

Deeper groundwater in Thanet Formation and Chalk Group

Groundwater in the Thanet Formation and Chalk Group generally has a south-west to north-east flow direction.

4.3.3 Groundwater quality

Previous ground investigations have identified multiple hot spots of groundwater contamination across the site, both within the Kempton Park Gravel Member shallow groundwater and deeper groundwater in the Thanet Formation and Chalk Group. Groundwater contamination recorded at each DZ relevant to the SIW are set out below:

4.3.4 DZLV 1 (Phase 1 SIW)

Groundwater wells from previous intrusive works targeting the shallow Secondary A Aquifer in the Kempton Park Gravel Member within DZLV1 found minor elevations of concentrations of some contaminants in the shallow groundwater when compared to EA EQS and DWS, however these low levels in groundwater are not significant and well below concentrations found across the permitted site area.

4.3.5 DZ4 (Phase 1 SIW)

Remediation works previously undertaken at DZ4 involve localised excavation and removal of soils around historical tank bases and at Leaside Chemical works. However, residual shallow groundwater contamination remains in-situ. Identified contamination includes hydrocarbons as dissolved-phase and LNAPL, BTEX, PAHs, metals and ammoniacal nitrogen. Incidences of benzene, chromium VI and ammoniacal nitrogen were also detected in the deeper chalk aquifer. Sources for this contamination include both the previous land uses at DZ4, and the adjacent gasholder to the west at DZ2.

4.3.6 DZ5 (Phase 1 SIW)

Shallow groundwater hydrocarbon contamination has been identified across this area as LNAPL and vinyl chloride.

4.3.7 DZ6 and DZ7 (Phase 1 SIW)

Shallow groundwater contamination including metals, DRO, vinyl chloride and dichloroethane. Within the deep principal aquifer, minor hotspots of chromium VI and benzo(a)pyrene are recorded.

4.3.8 DZ2 (Phase 2 SIW)

Recorded contamination includes metals, hydrocarbons (TPH, BTEX, PAHs) and volatile organic compounds (VOC) within shallow groundwater in the Kempton Park Gravel Member. Additionally, a shallow hydrocarbon plume has been identified in groundwater off-site to the west with potential to be migrating onto the site. VOCs/SVOCs (vinyl chloride) and ammoniacal nitrogen were also detected in the Lambeth Group and deeper in the chalk aquifer.

4.3.9 DZ3 (Phase 2 SIW)

Identified contamination in this area of the site includes LNAPL and DNAPL encountered in the Kempton Park Gravel Member and Harwich Formation during redevelopment of the nearby Meridian Water train station. Elevated concentrations of metals, total cyanide, ammoniacal nitrogen, TPH, BTEX, phenols, and PAHs were also detected in shallow groundwater.

4.4 Man-made Subsurface Pathways

Buried services such as drainage pipes will be installed in some locations within the waste. It is anticipated that piled foundations will be installed for the new buildings. These will pass through the waste deposit and underlying ground.

4.5 Receptors and Compliance Points

4.5.1 Groundwater

Groundwater beneath the site is considered as a receptor. It is to be subject to monitoring before, during and after the SIW works as a requirement of the planning permission for the scheme. The Controlled Waters Monitoring and Maintenance Plan included for reference with the EP application should be referred to for further details of specific monitoring locations, scopes of testing etc. No numerical compliance limits are proposed. Groundwater beneath the Phase 2 Meridian Water site is contaminated. The remediation works proposed aim to improve groundwater quality by source removal and treatment of specific identified plumes of contamination by pump and treat methods.

4.5.2 Surface water

Surface waters within and close to the SIW site are isolated from the ground and groundwater at the site as they are in concrete channels. The naturalisation works to Pymmes Brook will be undertaken within a lined site, maintaining isolation from existing ground and groundwater at the SIW site. Direct connection to the surface waters will be made for drainage from the completed development, however all drainage features will be lined so preventing contact between the ground and rainwaters to discharge to the watercourses. Therefore, whilst monitoring is proposed as set out in the Controlled Waters Monitoring and Maintenance Plan, no numerical limits are proposed.

The ground in Edmonton Marshes and in those areas of Brooks Park located in Phase 2 SIW is less contaminated, not requiring lined drainage features in areas of soft or hard landscaping. Rainwater will drain away by natural processes.

4.5.3 Amenity (nuisance and health issues)

The human and environmental receptors in the vicinity of the site are shown on D-ESSD2A and D-ESSD3A and B. Receptors within 250m and so considered to be at particular risk from the permitted activities are set out in Table 4 below.

The Environmental Risk Assessment presented elsewhere in the application bundle considers the risks posed by fugitive emissions (dust, odour, litter, pests, vermin and insects and mud and debris) and accidents, to relevant offsite receptors. A Dust and Emissions Management Plan is also submitted.

Table 4: Receptors within 250m of the SIW site

Receptor type	North and north-east	East and south-east	South and south-west	West and north-west
Human				
Residential properties	-	Sinclair Road, Westward Road, Maple Avenue and other properties extending beyond 250m (to the north-east, east and	-	Willoughby Lane, Kimberley Road and other properties extending beyond 250m

Receptor type	North and north-east	East and south-east	South and south-west	West and north-west
		south-east)		
Commercial premises (hotels, offices, retail)	Wickes, Argos, Troubadour Meridian Water Studios, Decathlon	Costco, B&Q,	-	Tesco store and petrol station, Premier Inn
Industrial premises	Edmonton Trade Park, Edmonton Solid Waste Incineration Plant, Camden Plant	Safestore Self Storage Chingford	Arriva bus depot, Stratstone Land Rover vehicle repair centre, warehouses and a variety of other industrial premises	Air conditioning system supplier and other industrial premises
Public places (squares, parks, places of interest, sports and recreation)	River Lee Navigation and River Lea Diversion Channel (green corridors with tow paths)	River Lee Navigation and River Lea Diversion Channel (green corridors with tow paths)	Wild Marsh East and Wild Marsh West Hiking areas	Frederik Knight Sports Ground, Kenninghall Open Space, Angel Gardens
Community and health centres	-	-	-	-
Places of worship	-	-	-	-
Vulnerable populations				
Hospitals	-	-	-	-
Schools	-	-	-	Meridian Angel Primary School
Care homes	-	-	-	-
Other (childcare, convalescent, other medical facilities)	-	-	-	-
Infrastructure and utility				
Roads; Main and arterial Local / residential routes	A406 North Circular Road Various local roads	A406 North Circular Road Various local roads	A1055 Watermead Way Various local roads	A1055 Angel Edmonton Road Various local roads
Electricity; Cabling Pylons Substations	-	-	Tottenham Marsh Electricity	-
Gas; Above ground networks Gas holders	-	-	-	Kimberley Road Gasholders (derelict)
Generators, turbines	Edmonton Solid Waste Incinerator (power plant)	-	-	-

Receptor type	North and north-east	East and south-east	South and south-west	West and north-west
Sensitive built environment (solar panels, air conditioning systems, car parking areas)	Meridian Grand car park, Ravenside retail park car park	Costco Chingford car park	-	Tesco car park
Water supply for human consumption	-	Banbury Reservoir	-	-
Ecology and arboriculture				
Designated sites	Pymmes Brook (site of protected species)	Banbury Reservoir, River Lee (Local Wildlife Sites (LWS) and sites of protected species)	Tottenham Marshes and Tottenham Marshes East (Local Wildlife Sites (LWS))	
Habitats (including trees to be retained)	Pymmes Brook, River Lee Navigation, River Lea Diversion Channel	Banbury Reservoir extends from close to the site to over 500m away, River Lea Diversion Channel	Pymmes Brook, River Lee Navigation, River Lea Diversion Channel, deciduous woodland (protected habitat)	

5. Pollution Control Measures

5.1 Site Engineering

5.1.1 Basal and side slope engineering

Neither basal or side slope engineering is required to protect the environment or human health from the waste.

Below ground surface water drainage features in the completed development including the majority of the Brooks Park landscaped area (and excluding Edmonton Marshes) will be lined to prevent infiltration of collected rainwaters into the ground beneath (see section 5.3.2 below). This impermeable layer will not be installed at the Phase 2 SIW Brooks Park area, as the existing river wall will remain in place and will prevent rainfall-driven groundwater migration to the wider site. The impermeable layer across Brooks Park in Phase 1 SIW, is required to prevent rainfall potentially mobilising contaminants in the underlying soils to groundwater, rather than being necessary to protect underlying groundwater from the waste used as a plant growth medium. As any waste recovered in Brooks Park will be subject to the more stringent cover soils reuse criteria (see Waste Acceptance Procedures submitted with the EP application).

These measures are site wide considerations given the contaminated status of the SIW site and the sensitivity of groundwater beneath. They are not specific to the waste to be used in the earthworks the subject of this EP application and therefore it is considered not to comprise basal lining.

5.1.2 Capping

Capping is not required to protect the environment or human health from the recovered waste.

The construction layer above the completed earthworks severs potential pollutant linkages between the ground (waste or non-waste) and future human receptors. Other than in Brooks Park where soils placed to form a plant growth medium will be subject to more stringent “cover soils” reuse criteria (see Waste Acceptance Procedures submitted with the EP application).

The underlying ground in Edmonton Marshes and in those parts of Brooks Park located in Phase 2 SIW are considered less contaminated than the remainder of the SIW site. Areas will be a mixture of soft and hard landscaped areas. Based on the contamination status of these areas, no capping is required.

5.1.3 Outline engineering plan

With reference to application form B4 appendix 2 question 4.

Containment engineering is considered unnecessary in the context of risk the waste may pose to relevant receptors.

Existing groundwater monitoring wells are to be used therefore a CQA plan for borehole installation is not presented.

5.2 Restoration

There is no restoration scheme as such where the waste is being used in a deposit for recovery as part of creating the development platform in those parts of the Meridian Water Development Area to be built out with homes, offices, a new school and so on. In these locations, the final finish above the deposit for recovery being achieved without the use of waste – roads and footpaths being completed as part of the SIW as well as soft and hard landscaping in Edmonton Marshes, with new built development following on in due course on the development plots.

The nature of the waste type and civil engineering nature of the activity mean that there is a negligible risk of significant settlement. Therefore, pre-settlement contours are not relevant or proposed. The final permitted levels for the waste deposit being as indicated on the plans and sections – D-ESSD4, D-ESSD5A-C and D-ESSD5X and Y.

Neither an agricultural nor ecological benefit statement are relevant to this application. As the soils to be used in Brooks Park to create a growth medium for soft landscaping for ecological and amenity improvement will not themselves require improvement.

5.3 Surface Water Management

5.3.1 During construction

The specialist earthworks and remediation contractor aims to capture rainwater for use in remediation activities the subject of a mobile treatment permit deployment, and for use in dust suppression. The contractor will be developing a water management plan which will be in place before works commence on site. Any excess waters will be discharged to Thames Water sewer not to controlled waters.

5.3.2 In completed development

Following placement of waste into final position, roads and footpaths will be constructed above as part of the SIW. The surface water drainage design for such areas is based on the following⁸:

- to prevent flooding at the site;
- to discharge rainwaters into surface watercourses rather than Thames Water sewers;
- to have minimal detrimental impact on the ecology and geomorphology of the surface watercourses which will receive the surface water runoff – by restricting flows during high fluvial flooding events and by treating the water by rain gardens, tree pits and permeable paving to reduce pollutant loading; and
- to redirect flood water from the built development to the Edmonton Marshes flood storage basins.

Rainwater will be directed to the tree pits etc before draining filter drains, then to perforated pipes and carrier pipes that ultimately will discharge into the watercourses through and adjacent to the site. Due to the contamination status of the ground in parts of the site, the decision has been made to line the surface water drainage system to prevent infiltration to the ground – and waste – beneath.

The proposal for Edmonton Marshes is to redirect flood water from the River Lee (Navigation) and the River Lea Diversion Channel, providing storage compensation utilising a series of storage basins and bunds before infiltrating the ground. No drainage is proposed for the hard landscaped areas and soft landscape areas will be free draining. Infiltration has been proposed for this area of the site due to the low levels of contamination present. Overview plans of the proposed surface water drainage system serving roads and footpaths are shown on drawings D-ESSD6B – F.

In due course, the developers of the new buildings will need to design their surface water drainage systems on the same principles such that infiltration to underlying ground / waste is prevented, and waters ultimately discharge to the watercourses.

Brooks Park in SIW Phase 1 will be lined with an impermeable barrier to isolate the naturalised Pymmes Brook and surrounding landscaping within the SIW Phase 1 area from the existing underlying ground and groundwater. Brooks Park receives surface water from surrounding highways, which is then discharged to the Brooks Park basins, in turn discharging to Pymmes Brook.

⁸ Adapted from Technical Specification: Surface Water Drainage (Site Wide), Arup 2019 MWP2-ARP-XX-XX-SP-CD-D00002

5.4 Post Closure Controls (Aftercare)

The proposed after-use has been described in section 3.2.5 above and in the associated plans (D-ESSD5DE – 5M and ESSD5U-V).

Post closure management of the site will be limited to a period of groundwater and surface water monitoring as required to satisfy the planning process. See the HRA and Controlled Waters Monitoring and Maintenance Plan for further details.

The risk of settlement is managed by the Civil Engineering Specification for the earthworks⁹. The works will be completed to a satisfactory standard such that the follow on construction can proceed in a timely fashion. The specification requires the monitoring of settlement. Therefore, with reference to application form B4 appendix 2 question 5, no stability risk assessment has been provided.

Given the limited post closure management anticipated, no closure plan or post closure procedures are considered to be necessary.

⁹ Waterman December 2022. Meridian Water Strategic Infrastructure Works, Enfield: Earthworks Specification. WIE16279-300-SP-1-4-3-EWS

6. Monitoring

6.1 Weather

Taylor Woodrow notes local weather conditions (qualitative assessment of wind speed and direction, recent or forecast rainfall) in order to proactively manage site activities.

6.2 Groundwater and Surface Water Monitoring

A programme of controlled waters monitoring before, during and after completion of the SIW has been agreed with LBE and the EA in its role as statutory consultee to the planning authority. The monitoring plan is discussed in and appended to the HRA.

6.3 Dust Monitoring

Dust monitoring using fixed monitors and visual observations is set out in the Dust and Emissions Management Plan.

6.4 Noise and Vibration Monitoring

Noise and vibration monitoring using fixed monitors is set out in the Environmental Risk Assessment and the Noise & Vibration Management Plan included in the Taylor Woodrow document bundle.

7. Site Condition Report

The waste recovery EP boundary does not include any additional land. Therefore, there is no requirement to complete a site condition report for this application. The further subsections of the ESSD template have therefore not been completed.

APPENDICES

Appendices

Conceptual Site Model, Environmental Setting and Site Design Report

Project Number WIE16279

WIE16279-300-R-25-3-1-ESSD

A. Plans and Information

The graphical information sought by the ESSD template is provided using a combination of:

- plans included in the planning application;
- further plans developed as the detailed design has progressed post planning;
- figures extracted from reports; and
- figures included as part of a Groundsure environmental data search.

As set out in the table below. The information is provided as a separate electronic folder. The EAs stated scale has not been used unless the available plans are already at that scale.

Each item of information has been given a short form reference e.g. D-ESSD1A. These references are also used in other documents submitted as part of the EP application.

Drawing (Guidance from ESSD template)	Information location (or reason for exclusion)
D-ESSD1, Scale: 50,000, Title: Site location Site location in relation to surrounding features	Planning application boundary location plan – SIW (Karakusevic Carson Architects drawing reference 382-KCA-P1-00-DR-A-1001-P rev 0) ("D-ESSD1A") Planning application boundary location plan – Phase 2 (Karakusevic Carson Architects drawing reference 382-KCA-P2-00-DR-A-1001-P rev 0) ("D-ESSD1B") Permit Application Boundary (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913004) ("D-ESSD1C") Development Zones (extracted from Arup (2023) Remediation Strategy and Verification Plan for SIW Phase 1). ("D-ESSD1D")
D-ESSD2, Scale: 10,000, Title: Environmental Site Setting Site boundary, residential areas, schools, hospitals, care homes etc., recreational areas, waterways, water bodies, agricultural areas, urban sites, flood risk map overlay, roads, railways, safeguarded aerodromes	Sensitive receptors map 500m - wider construction site (Waterman – SIW-WAT-XX-XX-DR-C-913010) ("D-ESSD2A") River and coastal flooding (page 174 of the Groundsure report for Meridian Water) ("D-ESSD2B") Surface water flooding (page 179 of the Groundsure report for Meridian Water) ("D-ESSD2C") Groundwater flooding (page 181 of the Groundsure report for Meridian Water) ("D-ESSD2D") Waste and landfill (page 86 of the Groundsure report for Meridian Water) ("D-ESSD2E") Edmonton Marshes Existing Material Removal Calculation Sketch (Arup drawing reference MWP2-ARP-XX-XX-SK-009) ("D-ESSD2F")
D-ESSD3, Scale: 25,000, Title: Cultural and Natural Heritage Natural heritage, SSSIs, AONBs, National Parks, SACs, SPAs, Ramsar sites, cultural heritage, listed buildings, scheduled ancient monuments	Environmental designations (page 182 of the Groundsure report for Meridian Water)- includes SSSIs, Ramsar sites, SPAs, local nature reserves, ancient woodland ("D-ESSD3A") EA pre-application screening report and maps ("D-ESSD3B")

Appendices

Drawing (Guidance from ESSD template)	Information location (or reason for exclusion)
D-ESSD4, Scale: 2,500, Title: Site Layout and Waste Deposition, cell layout, filled areas, pre-settlement contours	<p>Site wide earthworks waste recovery environmental permit boundary (and cut and fill plan) (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913000) (waste deposition area and depths of fill. Plan includes lines of sections). ("D-ESSD4")</p> <p>There are no pre-settlement contours</p>
D-ESSD5, Scale: 2,500, Title: Restoration Post settlement contours, topography to include 500m from the site boundary, landscape planting proposals, aftercare proposals	<p>Site wide earthworks waste recovery sections – sheet 1 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913001) ("D-ESSD5A")</p> <p>Site wide earthworks waste recovery sections – sheet 2 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913002) ("D-ESSD5B")</p> <p>Site wide earthworks waste recovery sections – sheet 3 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913003) ("D-ESSD5C")</p> <p>(Lines of section are on plan presented as D-ESSD4)</p> <p>Construction package 1 highways cross section plan sheet 1 (Waterman drawing reference SIW-WAT-A2-XX-DR-C-90505) ("D-ESSD5D")</p> <p>Construction package 1 highways cross sections plan sheet 2 (Waterman drawing reference SIW-WAT-A2-XX-DR-C-90506) ("D-ESSD5E")</p> <p>Mark up of Karakusevic Carson Architects site plan (ref: 382-KCA-P1-00-DR-A-1004-P) to show the location of the details shown on D-ESSD5D and 5E (area shown in green) ("D-ESSD5F")</p> <p>Construction package 1 landscape overview plan (Waterman drawing reference SIW-WAT-A2-XX-DR-L-74-0001) ("D-ESSD5G")</p> <p>Construction package 2 landscape Leaside Link Road overview plan (Waterman drawing reference SIW-WAT-A3-XX-DR-L-74-0003) ("D-ESSD5H")</p> <p>Construction package 3 landscape overview plan (Waterman drawing reference SIW-WAT-A4-XX-DR-L-74-0001) ("D-ESSD5I")</p> <p>Construction package 1 landscape tree pit details sheet 2 of 3 (Waterman drawing reference SIW-WAT-A2-XX-DR-L-745010) ("D-ESSD5J")</p> <p>Meridian Water Phase 2 Design and Access Statement (DAS), June 2019. Karakusevic Carson Architects with Periscope and Arup:</p> <p>Preamble and contents pages ("D-ESSD5K")</p> <p>Phase 2 parameters, building layouts and uses, massing etc. DAS pages 256-265 ("D-ESSD5L")</p> <p>Phase 2 illustrative scheme – built form. DAS pages 327 – 339 ("D-ESSD5M")</p>

Appendices

Drawing (Guidance from ESSD template)	Information location (or reason for exclusion)
	<p>Construction Package 2 Edmonton Marshes Landscape Overview Plan (Waterman drawing reference SIW-WAT-A3-XX-DR-L-74-0002) ("D-ESSD5N")</p> <p>Construction Package 2 Edmonton Marshes Landscape Typical Details Sheet 1 of 4 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-745100) ("D-ESSD5O")</p> <p>Construction Package 2 Edmonton Marshes Landscape Typical Details Sheet 2 of 4 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-745101) ("D-ESSD5P")</p> <p>Construction Package 2 Edmonton Marshes Landscape Typical Details Sheet 3 of 4 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-745102) ("D-ESSD5Q")</p> <p>Construction Package 2 Edmonton Marshes Landscape Typical Details Sheet 4 of 4 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-745103) ("D-ESSD5R")</p> <p>Site Wide Earthworks Waste Recovery Sections – Sheet 4 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913004) ("D-ESSD5S")</p> <p>Site Wide Earthworks Waste Recovery Sections – Sheet 5 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-913005) ("D-ESSD5T")</p> <p>Construction Package 2 Landscape Brooks Park GA Sheet 10 of 30 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-741002) ("D-ESSD5U")</p> <p>Construction package 2 brooks park landscape section 1 sheet 1 of 2 (Waterman drawing reference SIW-WAT-A3-XX-DR-L-745022) ("D-ESSD5V")</p> <p>Proposed site wide contour plan sheet 1 of 2 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-9505) ("D-ESSD5W")</p> <p>Site wide earthworks cut & fill sections sheet 1 of 7 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-912001) ("D-ESSD5X")</p> <p>Site wide earthworks cut & fill sections sheet 2 of 7 (Waterman drawing reference SIW-WAT-XX-XX-DR-C-912002) ("D-ESSD5Y")</p>
<p>D-ESSD6, Scale: 2,500, Title: Site design</p> <p>Summary of engineering details on a cell by cell basis (possibly in a table on the drawing), accompanied by schematic cross sections of the proposed layout. More than one drawing may be necessary e.g. DESID6A, DESID6B etc., security infrastructure (gates and fencing), groundwater control, surface water management features, infrastructure (e.g. tanks, hard surfacing, quarantine areas)</p>	<p>Meridian Water Site Haul Routes (Taylor Woodrow drawing reference SIW-TWC-XX-XX-SK-Z-000001) ("D-ESSD6A")</p> <p>Groundwater control, surface water management features, infrastructure – not applicable during construction.</p> <p>Surface water drainage design in the completed development:</p>

Appendices

Drawing (Guidance from ESSD template)	Information location (or reason for exclusion)
	<p>Meridian Water construction package 1 + enabling works drainage overview plan (Waterman drawing reference SWI-WAT-A2-ZZ-DR-D-920000) ("D-ESSD6B")</p> <p>Meridian Water construction package 2 drainage overview layout plan sheet 1 of 2 (Waterman drawing reference SWI-WAT-A3-ZZ-DR-D-920000) ("D-ESSD6C")</p> <p>Meridian Water construction package 3 drainage overview plan (Waterman drawing reference SWI-WAT-A4-ZZ-DR-D-920000) ("D-ESSD6D")</p> <p>Site wide package drainage details sheet 6 (Waterman drawing reference SIW - WAT - XX - ZZ - DR - D - 920205) ("D-ESSD6E")</p> <p>Site wide package drainage details sheet 7 (Waterman drawing reference SIW - WAT - XX - ZZ - DR - D - 920206) ("D-ESSD6F")</p> <p>Proposed noise monitoring locations (extracted from Taylor Woodrow Noise & Vibration Monitoring Plan) ("D-ESSD6G")</p> <p>Proposed vibration monitoring locations (extracted from Taylor Woodrow Noise & Vibration Monitoring Plan) ("D-ESSD6H")</p> <p>Proposed air quality monitoring locations (extracted from Taylor Woodrow DEMP) ("D-ESSD6I")</p>
<p>D-ESSD7, Scale: 2,500, Title: Gas Monitoring</p> <p>In waste monitoring points, perimeter/ external monitoring points</p>	<p>Not applicable</p>
<p>D-ESSD8, Scale: 50,000, Title: Regional Geology</p> <p>Regional geology (taken from BGS Geological Map), any appropriate regional cross sections</p>	<p>Superficial and bedrock geology stated (no plan) (page 148 of the Groundsure report for Meridian Water) ("D-ESSD8")</p>
<p>D-ESSD9, Scale: 12,500, Title: Regional Hydrogeology</p> <p>Aquifer classification, SPZs, licensed and private abstractions from ground and surface water, springs, regional groundwater contours (for each ground water body), groundwater vulnerability, off-site groundwater monitoring points (e.g. relevant EA observation wells etc.)</p>	<p>Hydrogeology- superficial aquifer (page 149 of the Groundsure report for Meridian Water) ("D-ESSD9A")</p> <p>Bedrock aquifer (page 151 of the Groundsure report for Meridian Water) ("D-ESSD9B")</p> <p>Groundwater vulnerability (page 152 of the Groundsure report for Meridian Water) ("D-ESSD9C")</p> <p>Abstractions and Source Protection Zones (page 155 of the Groundsure report for Meridian Water) ("D-ESSD9D")</p>
<p>D-ESSD10, Scale: 2,500, Title: Local Hydrogeology and Hydrology</p> <p>Groundwater monitoring points, groundwater contours (for each ground water body), local springs, surface water monitoring points</p>	<p>Hydrology (page 169 of the Groundsure report for Meridian Water) ("D-ESSD10A")</p> <p>Pymmes Brook Works (Periscope drawing reference 0052-PR-ZZ-GF-DR-L-0007) ("D-ESSD10B")</p> <p>Controlled waters monitoring plan (Waterman reference SIW-WAT-XX-XX-DR-C-911008) ("D-ESSD10C")</p>
<p>D-ESSD11, Scale: 2,500, Title: Hydrogeological Cross Sections</p>	<p>None presented, considered inapplicable to this development (groundwater management not required, leachate management not required).</p>

Appendices

Drawing (Guidance from ESSD template)	Information location (or reason for exclusion)
Groundwater levels (for each groundwater body), groundwater flow to discharge points, Inter-relationship between; site (base and sides) and groundwater, groundwater levels and relevant surface water features	
<p>D-ESSD12, Scale: 2,500, Title: Receptors and Pathways</p> <p>Receptors: surface water, groundwater, people (amenity)</p> <p>Pathways: air (include wind rose), surface water, groundwater, drains, pipes etc., surrounding strata</p>	Wind rose is presented on the plan D-ESSD2A

Appendices

B. Groundsure Report

Appendices

Conceptual Site Model, Environmental Setting and Site Design Report
Project Number WIE16279
WIE16279-300-R-25-3-1-ESSD

Meridian Water

Order Details

Date: 14/03/2022
Your ref: WIE16279-256_POREQ_115220
Our Ref: WTM1-8592930
Client: Clair Wilkinson

Site Details

Location: 535601 191831
Area: 4.46 ha
Authority: [London Borough of Enfield](#), [London Borough of Haringey](#)



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Summary of findings

p. 2

Aerial image

p. 6

OS MasterMap site plan

p.11

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Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
12	1.1	<u>Historical industrial land uses</u>	52	29	63	228	-
26	1.2	<u>Historical tanks</u>	13	50	32	129	-
34	1.3	<u>Historical energy features</u>	1	9	38	64	-
39	1.4	Historical petrol stations	0	0	0	0	-
39	1.5	<u>Historical garages</u>	0	0	0	7	-
39	1.6	<u>Historical military land</u>	0	0	0	1	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
41	2.1	<u>Historical industrial land uses</u>	67	43	102	331	-
61	2.2	<u>Historical tanks</u>	18	110	54	247	-
77	2.3	<u>Historical energy features</u>	1	15	77	120	-
84	2.4	Historical petrol stations	0	0	0	0	-
85	2.5	<u>Historical garages</u>	0	0	0	14	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
86	3.1	Active or recent landfill	0	0	0	0	-
86	3.2	Historical landfill (BGS records)	0	0	0	0	-
87	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
87	3.4	<u>Historical landfill (EA/NRW records)</u>	0	1	0	1	-
87	3.5	<u>Historical waste sites</u>	1	1	6	12	-
91	3.6	<u>Licensed waste sites</u>	0	8	14	13	-
102	3.7	<u>Waste exemptions</u>	3	5	37	36	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
110	4.1	<u>Recent industrial land uses</u>	5	12	100	-	-
118	4.2	<u>Current or recent petrol stations</u>	0	0	1	1	-
118	4.3	<u>Electricity cables</u>	0	0	9	8	-
120	4.4	Gas pipelines	0	0	0	0	-
120	4.5	Sites determined as Contaminated Land	0	0	0	0	-



120	4.6	<u>Control of Major Accident Hazards (COMAH)</u>	0	0	0	1	-
121	4.7	Regulated explosive sites	0	0	0	0	-
121	4.8	<u>Hazardous substance storage/usage</u>	0	2	0	3	-
122	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
122	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	4	33	-
128	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	5	6	-
130	4.12	Radioactive Substance Authorisations	0	0	0	0	-
130	4.13	<u>Licensed Discharges to controlled waters</u>	0	1	1	3	-
131	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
131	4.15	<u>Pollutant release to public sewer</u>	0	0	1	0	-
132	4.16	List 1 Dangerous Substances	0	0	0	0	-
132	4.17	List 2 Dangerous Substances	0	0	0	0	-
132	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	5	6	28	-
136	4.19	<u>Pollution inventory substances</u>	0	0	0	11	-
141	4.20	<u>Pollution inventory waste transfers</u>	0	0	0	3	-
147	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Geology (basic)					
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148 **5.1** **Superficial geology (625k)** Identified (within 500m)

148 **5.2** **Bedrock geology (625k)** Identified (within 500m)

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
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149 **6.1** **Superficial aquifer** Identified (within 500m)

151 **6.2** **Bedrock aquifer** Identified (within 500m)

152 **6.3** **Groundwater vulnerability** Identified (within 50m)

154 6.4 Groundwater vulnerability- soluble rock risk None (within 0m)

154 6.5 Groundwater vulnerability- local information None (within 0m)

155 **6.6** **Groundwater abstractions** 0 0 1 11 24

163 **6.7** **Surface water abstractions** 0 0 0 0 2

164 **6.8** **Potable abstractions** 0 0 0 6 14

168 **6.9** **Source Protection Zones** 2 0 0 1 -

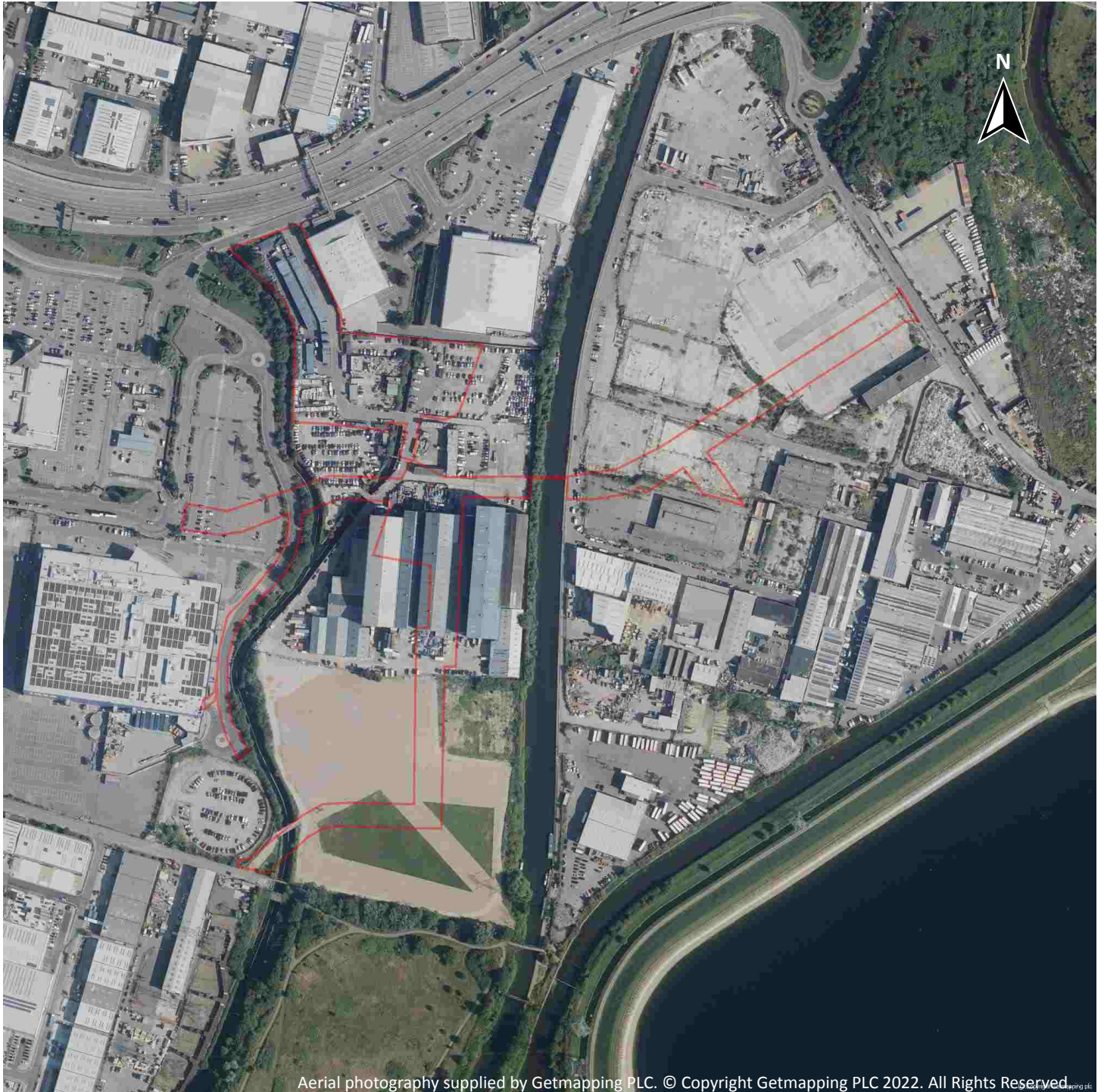


168	6.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
169	7.1	<u>Water Network (OS MasterMap)</u>	6	1	22	-	-
172	7.2	<u>Surface water features</u>	1	0	6	-	-
172	7.3	<u>WFD Surface water body catchments</u>	3	-	-	-	-
173	7.4	<u>WFD Surface water bodies</u>	3	0	0	-	-
173	7.5	WFD Groundwater bodies	0	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
174	8.1	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
175	8.2	<u>Historical Flood Events</u>	2	0	5	-	-
176	8.3	Flood Defences	0	0	0	-	-
176	8.4	<u>Areas Benefiting from Flood Defences</u>	0	1	0	-	-
176	8.5	Flood Storage Areas	0	0	0	-	-
177	8.6	<u>Flood Zone 2</u>	Identified (within 50m)				
178	8.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
179	9.1	<u>Surface water flooding</u>	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding					
181	10.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
182	11.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	2
183	11.2	<u>Conserved wetland sites (Ramsar sites)</u>	0	0	0	0	1
183	11.3	Special Areas of Conservation (SAC)	0	0	0	0	0
184	11.4	<u>Special Protection Areas (SPA)</u>	0	0	0	0	2
184	11.5	National Nature Reserves (NNR)	0	0	0	0	0
184	11.6	<u>Local Nature Reserves (LNR)</u>	0	0	0	0	1
185	11.7	<u>Designated Ancient Woodland</u>	0	0	0	0	1
185	11.8	Biosphere Reserves	0	0	0	0	0
185	11.9	Forest Parks	0	0	0	0	0



185	11.10	Marine Conservation Zones	0	0	0	0	0
186	11.11	<u>Green Belt</u>	1	1	1	0	0
186	11.12	Proposed Ramsar sites	0	0	0	0	0
186	11.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
186	11.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
187	11.15	Nitrate Sensitive Areas	0	0	0	0	0
187	11.16	<u>Nitrate Vulnerable Zones</u>	1	0	0	0	1
188	11.17	<u>SSSI Impact Risk Zones</u>	3	-	-	-	-
191	11.18	<u>SSSI Units</u>	0	0	0	0	4
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
194	12.1	World Heritage Sites	0	0	0	-	-
194	12.2	Area of Outstanding Natural Beauty	0	0	0	-	-
194	12.3	National Parks	0	0	0	-	-
194	12.4	Listed Buildings	0	0	0	-	-
195	12.5	Conservation Areas	0	0	0	-	-
195	12.6	Scheduled Ancient Monuments	0	0	0	-	-
195	12.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
196	13.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
197	13.2	Open Access Land	0	0	0	-	-
197	13.3	Tree Felling Licences	0	0	0	-	-
197	13.4	<u>Environmental Stewardship Schemes</u>	0	1	0	-	-
197	13.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
198	14.1	<u>Priority Habitat Inventory</u>	0	0	3	-	-
199	14.2	Habitat Networks	0	0	0	-	-
199	14.3	<u>Open Mosaic Habitat</u>	1	0	0	-	-
199	14.4	Limestone Pavement Orders	0	0	0	-	-

Recent aerial photograph



Capture Date: 22/08/2019

Site Area: 4.46ha



Contact us with any questions at:
info@groundsure.com
08444 159 000

Date: 14 March 2022

Recent site history - 2016 aerial photograph



Capture Date: 12/08/2016

Site Area: 4.46ha



Recent site history - 2011 aerial photograph



Capture Date: 07/07/2011

Site Area: 4.46ha



Recent site history - 2010 aerial photograph



Capture Date: 23/04/2010

Site Area: 4.46ha



Recent site history - 1999 aerial photograph

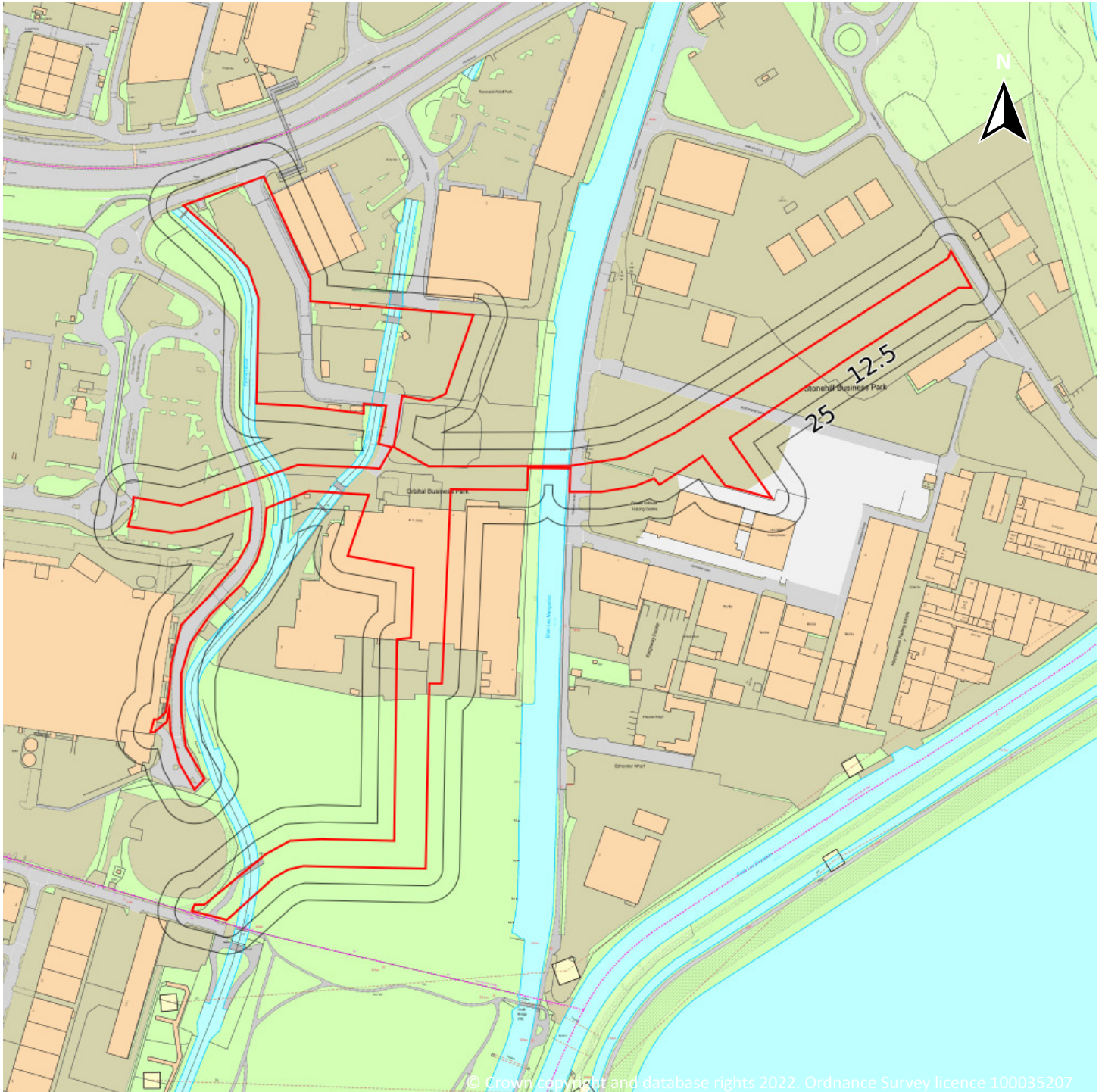


Capture Date: 04/09/1999

Site Area: 4.46ha



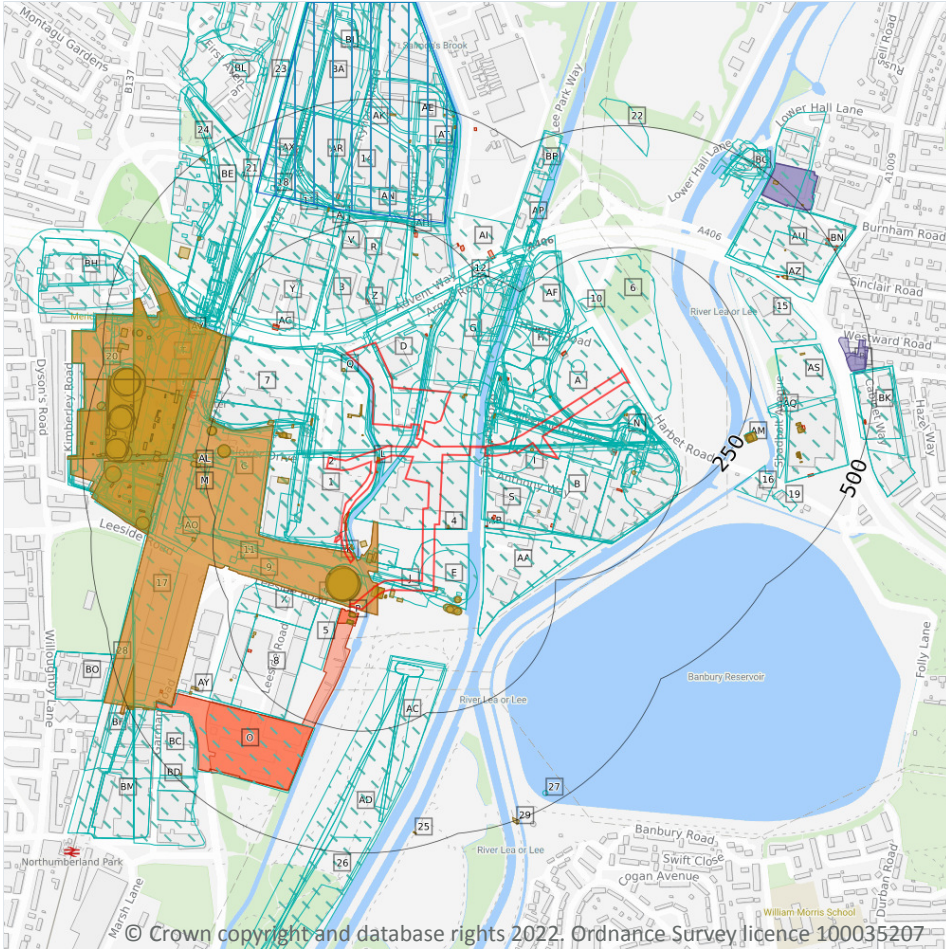
OS MasterMap site plan



Site Area: 4.46ha



1 Past land use



— Site Outline

Search buffers in metres (m)

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages
- Historical military land

1.1 Historical industrial land uses

Records within 500m **372**

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 12**

ID	Location	Land use	Dates present	Group ID
1	On site	Gas Meters and Stoves Works	1920	2231708



ID	Location	Land use	Dates present	Group ID
2	On site	Unspecified Works	1968 - 1974	2267582
3	On site	Nursery	1894 - 1897	2281138
A	On site	Unspecified Warehouse	1988	2138585
A	On site	Factory Colony	1938	2141226
A	On site	Unspecified Warehouses	1974	2142533
A	On site	Unspecified Works	1974 - 1988	2174164
A	On site	Unspecified Works	1968 - 1988	2174623
A	On site	Unspecified Wharf	1920 - 1938	2184834
A	On site	Unspecified Works	1897	2186798
A	On site	Unspecified Commercial/Industrial	1894	2193912
A	On site	Unspecified Commercial/Industrial	1938	2194066
A	On site	Railway Sidings	1938	2194493
A	On site	Unspecified Works	1968 - 1988	2208723
A	On site	Railway Sidings	1951	2209288
A	On site	Unspecified Works	1920	2216137
A	On site	Road Works	1920	2217428
A	On site	Railway Sidings	1920	2220622
A	On site	Unspecified Wharf	1920 - 1938	2224968
A	On site	Railway Sidings	1897	2237147
A	On site	Unspecified Wharf	1920	2243968
A	On site	Railway Sidings	1920	2252451
A	On site	Unspecified Works	1968	2253258
A	On site	Railway Sidings	1894	2263489
A	On site	Road Works	1920	2271870
A	On site	Railway Sidings	1920	2286397
A	On site	Unspecified Wharf	1951	2288506
B	On site	Unspecified Works	1894	2168648
B	On site	Unspecified Works	1896	2168649



ID	Location	Land use	Dates present	Group ID
B	On site	Road Works	1938	2264691
C	On site	Railway Sidings	1968	2175819
C	On site	Unspecified Commercial/Industrial	1920	2213849
C	On site	Gas Meters and Stoves Works	1938	2213922
C	On site	Gas Meters and Stoves Works	1951	2217754
C	On site	Unspecified Works	1988	2254134
C	On site	Railway Sidings	1951	2279955
C	On site	Railway Sidings	1974	2283710
D	On site	Sparklet Works	1938	2177113
D	On site	Unspecified Works	1968 - 1988	2181369
D	On site	Unspecified Works	1920	2195514
D	On site	Sparklet Works	1951	2209382
D	On site	Sparklet Works	1920	2242711
D	On site	Sparklet Works	1938	2294643
E	On site	Unspecified Wharf	1974 - 1988	2194661
F	On site	Unspecified Commercial/Industrial	1938	2200595
G	On site	Joinery Works	1938 - 1951	2204045
H	On site	Unspecified Depot	1968	2206677
I	On site	Timber Wharf	1968	2141944
I	On site	Unspecified Wharf	1974 - 1988	2224969
J	On site	Railway Buildings	1968	2229642
J	On site	Railway Buildings	1951	2292712
K	On site	Railway Buildings	1968 - 1974	2272531
D	1m NE	Unspecified Tank	1951	2154846
K	5m S	Unspecified Tank	1938	2154840
K	6m S	Unspecified Tanks	1951	2212429
K	6m S	Unspecified Tanks	1968 - 1988	2291259
N	9m SE	Unspecified Works	1968	2204209



ID	Location	Land use	Dates present	Group ID
C	9m N	Unspecified Commercial/Industrial	1920	2168781
C	12m N	Unspecified Commercial/Industrial	1920	2229730
5	20m W	Unspecified Works	1968 - 1988	2210179
K	22m N	Railway Building	1968	2149659
6	24m NE	Unspecified Heap	1968	2136534
B	25m E	Unspecified Works	1968 - 1988	2268271
G	25m NE	Joinery Works	1938	2178229
Q	27m SW	Unspecified Tank	1938	2154847
K	27m E	Railway Buildings	1951	2163608
C	31m W	Railway Sidings	1920	2269237
R	34m N	Sewage Pumping Station	1920	2213983
A	36m NW	Refuse Heap	1920	2292407
E	38m SE	Unspecified Tanks	1968	2233162
E	38m SE	Unspecified Tanks	1951	2243591
A	41m NW	Unspecified Wharf	1968	2157260
S	42m S	Unspecified Works	1968 - 1988	2262674
R	42m N	Furniture Works	1951	2170255
T	42m W	Railway Sidings	1938	2178905
U	43m W	Railway Sidings	1920	2287939
C	44m W	Railway Sidings	1920	2204268
E	44m E	Unspecified Tank	1968	2154839
C	48m W	Railway Sidings	1920	2248178
E	48m E	Railway Building	1951	2149660
V	49m N	Unspecified Commercial/Industrial	1938	2130920
R	51m N	Unspecified Works	1968 - 1988	2234367
R	54m N	Furniture Works	1938	2175356
A	57m NW	Gravel Pit	1920	2139016
X	61m W	Unspecified Depot	1974 - 1988	2252508



ID	Location	Land use	Dates present	Group ID
X	61m W	Unspecified Depot	1968	2276160
7	64m W	Unspecified Works	1968 - 1974	2181368
H	70m NW	Wharf	1897	2160614
N	72m SE	Unspecified Works	1866	2168884
N	72m SE	Unspecified Works	1864	2168885
N	80m SE	Unspecified Work	1864	2132271
Y	81m NW	Clothing Factory	1951	2181948
Y	81m NW	Unspecified Works	1974 - 1988	2215180
Y	83m NW	Clothing Factory	1938	2239708
AA	93m E	Timber Wharf	1968	2282953
8	94m SW	Unspecified Depot	1968 - 1988	2257749
G	95m NE	Unspecified Wharf	1951 - 1968	2264911
AA	95m E	Unspecified Wharf	1974	2157261
AA	95m E	Unspecified Works	1988	2159816
H	100m NW	Unspecified Wharf	1938	2281102
N	106m SE	Railway Sidings	1920	2241255
N	110m SE	Unspecified Works	1974 - 1988	2254728
N	110m SE	Unspecified Works	1968	2294410
AC	111m SE	Rifle Range	1897	2207457
D	114m N	Unspecified Tank	1968 - 1988	2256910
C	114m NW	Chimney	1968 - 1974	2270475
AD	114m SE	Rifle Range	1896	2215377
G	118m NE	Unspecified Wharf	1920	2207017
AE	120m NE	Unspecified Works	1968 - 1988	2285595
AD	122m SE	Rifle Range	1894	2226769
AF	122m NW	Timber Yard	1938 - 1951	2225174
AF	123m NW	Estate Works	1974 - 1988	2216070
G	128m NE	Unspecified Wharf	1864 - 1866	2215901



ID	Location	Land use	Dates present	Group ID
N	129m SE	Railway Sidings	1951	2271004
AF	131m NW	Timber Yard	1938	2253701
AC	132m SE	Rifle Range	1869	2173844
AC	132m SE	Rifle Range	1879	2219493
AD	132m SE	Rifle Range	1879	2191137
AD	132m SE	Rifle Range	1869	2256687
G	133m NE	Unspecified Wharf	1938	2177082
G	135m N	Nursery	1894 - 1897	2203232
9	136m SW	Railway Building	1968 - 1974	2250281
10	136m NW	Unspecified Pit	1968	2125435
AF	140m NW	Unspecified Wharf	1894	2197526
U	145m W	Gas Works	1974	2168638
U	145m W	Gas Works	1968	2168642
11	185m W	Railway Buildings	1968 - 1974	2294243
X	191m W	Unspecified Depot	1968 - 1988	2276159
G	195m NE	Unspecified Wharf	1920	2203179
G	204m NE	Unspecified Wharf	1864	2267030
12	206m NE	Sewage Pumping Station	1920	2196000
F	208m W	Unspecified Tank	1974	2154845
AI	209m NE	Sewage Pumping Station	1938 - 1951	2185738
V	211m N	Sewage Pumping Station	1920	2243704
G	217m N	Unspecified Wharf	1920	2281103
T	224m W	Railway Building	1951	2149641
AJ	231m N	Unspecified Works	1988	2203169
AJ	231m N	Unspecified Works	1974	2227992
AJ	231m N	Unspecified Works	1968	2229372
F	237m W	Unspecified Tank	1968 - 1974	2209070
AK	238m N	Unspecified Works	1920	2281527



ID	Location	Land use	Dates present	Group ID
AH	240m N	Sewage Pumping Station	1938	2164732
T	243m W	Railway Building	1951	2149643
13	249m N	Unspecified Works	1968 - 1988	2258107
AK	250m N	Railway Sidings	1920	2187990
AK	254m N	Unspecified Works	1897 - 1920	2276312
AK	255m N	Cartridge Works	1920	2128235
AK	256m N	Railway Sidings	1920	2245300
AK	256m N	Unspecified Works	1894	2228918
T	259m W	Railway Sidings	1920	2288514
AM	259m SE	Unspecified Tank	1938	2270791
O	261m S	Unspecified Commercial/Industrial	1968 - 1988	2185240
AM	262m SE	Unspecified Tank	1968 - 1988	2235254
AM	262m SE	Unspecified Tank	1951	2285534
AN	262m N	Furniture Works	1938	2203943
F	262m W	Railway Building	1951	2149657
T	263m W	Railway Building	1968	2149642
AM	264m SE	Unspecified Tank	1938	2203914
T	265m W	Railway Sidings	1864 - 1866	2283980
14	266m N	Unspecified Works	1968 - 1988	2231685
AN	267m N	Furniture Works	1938 - 1951	2270077
T	270m W	Railway Sidings	1951 - 1968	2254284
T	271m W	Railway Station	1864	2264869
T	271m W	Railway Building	1864	2149658
T	272m W	Railway Station	1920	2289798
T	273m W	Railway Station	1864 - 1866	2227728
T	274m W	Railway Sidings	1920	2222785
T	277m W	Railway Station	1894 - 1897	2236653
AO	282m W	Railway Building	1968 - 1974	2260978



ID	Location	Land use	Dates present	Group ID
T	283m NW	Railway Station	1951	2247531
T	284m W	Railway Buildings	1951	2163607
T	284m NW	Railway Station	1968 - 1988	2227870
T	287m W	Railway Sidings	1920	2286164
AP	288m NW	Unspecified Wharf	1920	2282540
T	288m NW	Railway Station	1920 - 1938	2210242
T	288m W	Railway Station	1938	2204089
AQ	289m E	Unspecified Pit	1920	2234846
T	289m W	Railway Building	1968 - 1988	2278382
U	290m W	Railway Sidings	1920 - 1951	2255711
U	290m W	Gas Works	1920	2285578
AQ	290m E	Unspecified Pit	1951	2275006
15	290m NE	Unspecified Works	1968 - 1988	2187357
T	291m W	Railway Sidings	1920	2295028
AK	293m N	Railway Sidings	1894 - 1897	2221887
T	296m W	Railway Sidings	1894 - 1988	2216655
U	297m W	Railway Sidings	1951 - 1974	2243416
U	298m W	Railway Sidings	1951	2208161
T	299m W	Railway Buildings	1864	2163604
AR	301m N	Furniture Works	1938 - 1951	2180673
T	301m W	Railway Building	1864 - 1866	2215097
U	303m W	Railway Sidings	1920	2179502
U	303m W	Gas Works	1897 - 1920	2180001
AP	305m N	Timber Yard	1938 - 1951	2209200
AR	305m N	Furniture Works	1938	2261547
AQ	306m E	Unspecified Works	1988	2255927
16	306m SE	Pumping Station	1951	2151736
AS	307m E	Unspecified Works	1968 - 1974	2276569



ID	Location	Land use	Dates present	Group ID
AP	309m N	Timber Yard	1938	2184449
AP	310m NW	Unspecified Wharf	1951	2219322
AP	311m NW	Unspecified Wharf	1920	2269855
AT	312m N	Zinc Rolling Works	1938	2221816
AE	313m N	Paving Works	1951	2160511
AU	314m NE	Unspecified Works	1938 - 1951	2188706
17	314m W	Railway Sidings	1968 - 1974	2258175
U	314m W	Gas Works	1879 - 1896	2206249
AP	314m NW	Unspecified Wharf	1938	2188808
AP	315m NW	Unspecified Wharf	1938	2205452
AV	315m W	Railway Building	1951	2251661
T	316m NW	Goods Shed	1920	2164611
AV	318m W	Railway Building	1974 - 1988	2225347
AV	318m W	Railway Building	1968	2279084
U	319m W	Unspecified Commercial/Industrial	1894	2274564
AU	320m NE	Unspecified Works	1938	2188501
U	320m W	Railway Sidings	1920	2215627
AW	321m NE	Unspecified Works	1974 - 1988	2234029
AW	321m NE	Unspecified Works	1968	2217712
U	321m W	Railway Buildings	1951	2163602
U	327m W	Railway Building	1951	2149656
U	328m W	Railway Building	1938	2149650
U	329m W	Railway Sidings	1920	2258555
T	330m NW	Railway Building	1938 - 1951	2226163
T	330m NW	Railway Building	1968	2265201
U	331m W	Railway Sidings	1894	2168756
U	331m W	Railway Sidings	1896	2168757
U	333m W	Railway Building	1951	2149655



ID	Location	Land use	Dates present	Group ID
T	333m NW	Goods Shed	1920	2276319
U	333m W	Unspecified Commercial/Industrial	1920	2274563
T	333m NW	Railway Building	1974 - 1988	2246305
AQ	336m E	Unspecified Works	1968 - 1974	2271423
U	338m W	Gas Works	1869	2257069
AX	340m NW	Unspecified Factory	1974 - 1988	2231660
AX	340m NW	Unspecified Factory	1968	2266499
U	343m W	Railway Sidings	1897	2267019
U	343m W	Railway Sidings	1974	2192400
U	343m W	Railway Sidings	1988	2204943
AU	359m NE	Unspecified Works	1968	2256021
T	361m NW	Unspecified Depot	1968 - 1988	2260092
18	361m NW	Railway Building	1951	2149640
U	367m W	Railway Sidings	1951	2269334
BA	373m N	Wireless Works	1938	2283689
U	373m W	Railway Sidings	1894	2283282
19	374m SE	Pumping Station	1920 - 1938	2237216
U	375m W	Unspecified Tank	1920 - 1938	2288236
T	375m NW	Railway Building	1951	2149645
U	376m W	Gasometer	1879	2232705
U	376m W	Gasometer	1869	2256859
U	376m W	Railway Building	1951	2149649
U	376m W	Gasometer	1894	2205219
U	376m W	Unspecified Tank	1869	2233003
U	377m W	Railway Sidings	1951	2177237
U	378m W	Gasometer	1896	2269041
BA	379m N	Unspecified Commercial/Industrial	1951	2130919
T	379m NW	Unspecified Tanks	1938	2143938



ID	Location	Land use	Dates present	Group ID
U	381m W	Railway Buildings	1951	2163599
U	383m W	Gasometers	1897	2138381
BB	390m NW	Unspecified Wharf	1920 - 1938	2281104
T	391m NW	Unspecified Works	1968 - 1988	2286044
U	395m W	Unspecified Tank	1951	2188220
BC	396m SW	Nursery	1894	2161490
BC	397m SW	Unspecified Works	1968 - 1988	2204207
BD	397m SW	Shoe Manufactory	1951	2139593
U	398m W	Railway Buildings	1951	2163598
U	398m W	Unspecified Commercial/Industrial	1951	2282534
U	400m W	Unspecified Works	1974	2222614
U	400m W	Unspecified Works	1982	2251558
U	400m W	Gasometer	1920	2171628
U	400m W	Gasometers	1920	2227891
U	400m W	Unspecified Tanks	1869	2232252
U	400m W	Unspecified Tanks	1879	2234276
U	401m W	Unspecified Commercial/Industrial	1991	2168779
U	401m W	Unspecified Tank	1938	2279287
BE	401m NW	Railway Sidings	1920	2180328
20	402m W	Unspecified Commercial/Industrial	1966 - 1982	2202990
T	404m NW	Unspecified Tanks	1938	2143937
U	404m W	Unspecified Tanks	1966	2192988
U	404m W	Unspecified Tanks	1974 - 1982	2284498
U	406m W	Unspecified Tank	1991	2187241
U	406m W	Unspecified Tanks	1951	2193592
U	406m W	Unspecified Tanks	1966 - 1974	2254796
U	406m W	Unspecified Tanks	1982	2256843
U	408m W	Unspecified Tanks	1951	2205569



ID	Location	Land use	Dates present	Group ID
U	408m W	Unspecified Tank	1894	2253633
AT	409m N	Zinc Rolling Works	1951	2186216
U	409m W	Unspecified Tanks	1938	2205700
U	410m W	Unspecified Tank	1894	2212979
U	411m W	Gasometer	1920	2259352
U	411m W	Unspecified Tank	1938	2291783
U	411m W	Gasometer	1920	2285233
U	411m W	Unspecified Tank	1938	2244770
U	411m W	Gasometer	1920	2250504
T	411m NW	Railway Building	1951	2149644
U	412m W	Unspecified Tank	1869	2194399
U	412m W	Unspecified Tank	1879	2258503
BB	413m N	Unspecified Wharf	1920	2266149
U	414m W	Unspecified Tank	1938	2177319
U	414m W	Gasometer	1920	2217890
U	414m W	Railway Building	1951	2149651
U	415m W	Gasometer	1920	2238341
U	415m W	Gasometer	1968 - 1974	2257398
21	419m NW	Railway Building	1951	2149639
U	420m W	Unspecified Tank	1991	2276506
U	420m W	Gasometer	1894	2233308
U	420m W	Gasometers	1897	2196643
U	420m W	Unspecified Tank	1966 - 1974	2228633
U	420m W	Unspecified Tank	1982	2237795
U	420m W	Unspecified Tank	1951	2250328
U	421m W	Unspecified Tank	1988	2154880
U	421m W	Gasometer	1869	2209972
U	421m W	Gasometer	1968 - 1974	2257400



ID	Location	Land use	Dates present	Group ID
U	421m W	Gasometer	1879	2279176
BF	423m W	Railway Sidings	1966 - 1974	2169582
U	424m W	Gasometer	1896	2172593
BG	426m NE	Flour Mill	1863	2246084
BH	427m W	Electricity Plating Works	1951	2264890
BF	428m W	Railway Sidings	1951	2212383
BB	428m N	Unspecified Wharf	1951	2227875
U	432m W	Unspecified Tank	1869	2154848
AW	433m NE	Unspecified Pit	1863	2125440
T	433m NW	Railway Building	1951	2149647
U	435m W	Gasometer	1920	2139869
BG	436m NE	Metropolitan Water Board Pumping Station	1938	2162170
U	437m W	Unspecified Tanks	1920	2190513
22	440m N	Unspecified Pit	1951	2125436
BG	440m NE	Pumping Station	1894	2186267
BF	441m W	Railway Sidings	1982	2279583
BG	444m NE	Mill and Pumping Station	1951	2168019
BG	444m NE	Unspecified Mill	1894 - 1897	2285724
BB	444m N	Unspecified Wharf	1968 - 1988	2217841
U	445m W	Gasometer	1920	2139871
U	447m W	Gasometer	1920	2139870
23	450m NW	Railway Sidings	1951	2271106
BJ	450m N	Wireless Works	1938 - 1951	2230223
BD	453m SW	Unspecified Commercial/Industrial	1974	2169509
BD	453m SW	Unspecified Commercial/Industrial	1988	2267684
BK	454m E	Cabinet Works	1938	2191769
U	457m W	Unspecified Tanks	1938	2143939
BK	460m E	Cabinet Works	1951	2202258



ID	Location	Land use	Dates present	Group ID
BK	461m E	Unspecified Old Works	1968	2135640
BK	461m E	Unspecified Works	1974 - 1988	2204061
24	464m NW	Unspecified Depot	1968 - 1988	2210422
U	465m W	Unspecified Tank	1951	2209842
BJ	465m N	Unspecified Works	1968 - 1988	2241080
BF	466m SW	Nursery	1896 - 1897	2284251
BL	468m NW	Gravel Pit	1920	2188109
26	468m S	Rifle Range	1894	2228119
27	469m SE	Tower Works	1974	2150895
BE	469m NW	Railway Buildings	1951	2163603
BE	470m NW	Railway Building	1951	2149648
BG	471m NE	Flour Mill	1866	2293184
U	471m W	Unspecified Tank	1938	2188077
BD	471m SW	Unspecified Works	1968 - 1988	2253005
BH	473m W	Unspecified Factory	1991	2150982
BH	473m W	Unspecified Works	1966	2159807
BG	475m NE	Pumping Station	1938	2282995
U	476m W	Unspecified Tanks	1951	2275860
BL	477m NW	Unspecified Ground Workings	1951	2238821
BL	479m NW	Ground Workings and Refuse Heap	1938	2141209
U	482m W	Unspecified Tanks	1938	2229347
BL	483m NW	Gravel Pit	1920	2270443
BH	483m W	Electricity Plating Works	1938	2271185
BH	484m W	Electric Plating Works	1938	2140467
BM	484m SW	Unspecified Works	1991	2211833
BM	484m SW	Unspecified Commercial/Industrial	1982	2216892
BG	485m NE	Pumping Station	1897	2256414
BM	488m SW	Unspecified Works	1966	2265539



ID	Location	Land use	Dates present	Group ID
BM	488m SW	Unspecified Commercial/Industrial	1974	2272315
28	490m W	Railway Building	1951	2149652
BO	490m W	Unspecified Commercial/Industrial	1974	2189543
BO	490m W	Unspecified Commercial/Industrial	1982	2205370
BO	490m W	Unspecified Works	1966	2226121
BO	490m W	Unspecified Works	1991	2240808
BD	494m SW	Unspecified Works	1968 - 1988	2283619

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	224
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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 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 12**

ID	Location	Land use	Dates present	Group ID
J	On site	Unspecified Tank	1967	390831
J	On site	Unspecified Tank	1968	391645
J	On site	Tanks	1935	392923
J	On site	Tanks	1967	395411
J	On site	Tanks	1968	397205
K	On site	Unspecified Tank	1967 - 1968	388503
K	On site	Tanks	1977	376426
K	On site	Unspecified Tank	1956	386607
K	On site	Unspecified Tank	1991 - 1993	402262
L	On site	Unspecified Tank	1956	400278
L	On site	Unspecified Tank	1955	391096



ID	Location	Land use	Dates present	Group ID
L	On site	Unspecified Tank	1956	406439
M	On site	Gas Works	1965 - 1968	408782
J	1m S	Unspecified Tank	1967	365222
L	2m E	Gas Holder	1967	379133
L	2m E	Unspecified Tank	1956	392950
L	2m E	Gasholder	1968	374572
L	2m E	Unspecified Tank	1956	382553
E	2m E	Unspecified Tank	1935	365216
K	6m NE	Unspecified Tank	1956 - 1991	405129
I	7m SW	Unspecified Tank	1977 - 1991	407232
K	8m N	Gas Holder	1991 - 1993	402333
J	8m SE	Tanks	1967	404802
J	8m S	Tanks	1955	398070
J	8m SE	Unspecified Tank	1956 - 1968	401365
K	8m N	Gasholder	1968	374573
K	8m N	Unspecified Tank	1956	402217
K	9m N	Gas Holder	1981 - 1991	382470
K	10m N	Gas Holder	1967 - 1977	382752
K	10m N	Unspecified Tank	1956	386897
J	11m SE	Unspecified Tank	1956 - 1968	400400
K	11m SW	Unspecified Tank	1935	391674
P	12m S	Unspecified Tank	1956 - 1991	403507
P	12m S	Tanks	1956	408415
J	16m S	Cooling Tank	1967 - 1968	408769
4	17m E	Unspecified Tank	1977 - 1991	381105
C	23m W	Tanks	1956	389397
C	23m W	Tanks	1956 - 1968	400258
K	25m NE	Unspecified Tank	1967 - 1991	393863



ID	Location	Land use	Dates present	Group ID
A	26m E	Tanks	1977	376438
K	26m E	Tanks	1967 - 1968	406120
C	27m W	Tanks	1956 - 1968	405165
Q	27m SW	Unspecified Tank	1938	365032
P	27m S	Unspecified Tank	1981 - 1991	389552
P	28m S	Unspecified Tank	1977	397087
P	28m S	Tanks	1956	387813
P	28m S	Unspecified Tank	1956 - 1968	399420
P	28m S	Unspecified Tank	1967	402387
P	28m S	Tanks	1956	407803
A	28m E	Unspecified Tank	1967 - 1968	403251
A	29m E	Tanks	1977	376439
C	30m SW	Unspecified Tank	1956	396523
C	30m SW	Unspecified Tank	1956	408369
C	30m SW	Unspecified Tank	1956	410254
P	33m S	Unspecified Tank	1981 - 1991	409561
A	33m NW	Unspecified Tank	1977 - 1991	392723
E	37m SE	Tanks	1935	381918
K	38m E	Tanks	1935	376424
E	44m SE	Tanks	1955 - 1967	390984
E	44m SE	Unspecified Tank	1968	365218
E	46m E	Unspecified Tank	1956 - 1968	404720
K	47m SW	Unspecified Tank	1967 - 1968	386097
E	47m E	Unspecified Tank	1955 - 1967	386937
A	54m N	Tanks	1977 - 1991	408203
N	55m SE	Tanks	1955	376423
N	56m SE	Tanks	1955	388522
E	58m SE	Unspecified Tank	1968	365219



ID	Location	Land use	Dates present	Group ID
C	74m W	Unspecified Tank	1956	385744
C	75m NW	Tanks	1967 - 1968	395247
C	77m NW	Tanks	1981	376425
C	80m W	Tanks	1981	376427
C	82m NW	Unspecified Tank	1956	383928
C	85m W	Unspecified Tank	1956	402625
C	87m NW	Tanks	1967 - 1977	395373
C	92m W	Unspecified Tank	1956	400424
C	92m W	Unspecified Tank	1956	384243
C	92m W	Unspecified Tank	1956	396873
C	94m NW	Tanks	1968	390736
C	95m NW	Unspecified Tank	1977 - 1981	385327
C	95m NW	Tanks	1991	390919
C	96m NW	Tanks	1981 - 1991	407255
C	109m W	Unspecified Tank	1981	365030
S	113m S	Unspecified Tank	1977 - 1991	399484
D	115m NE	Unspecified Tank	1968	365034
C	133m NW	Tanks	1967 - 1968	395579
N	156m E	Unspecified Tank	1969	365031
X	189m W	Unspecified Tank	1967 - 1977	405208
AH	196m NE	Unspecified Tank	1968	365033
X	199m W	Unspecified Tank	1967	365223
F	200m W	Gasometer	1968	373979
F	201m W	Unspecified Tank	1977	365027
X	205m W	Unspecified Tank	1968	365224
F	236m W	Unspecified Tank	1956	382727
F	238m W	Unspecified Tank	1956	391031
F	244m W	Tanks	1977 - 1987	401342



ID	Location	Land use	Dates present	Group ID
U	258m W	Gas Works	1914 - 1976	396221
AL	259m W	Tanks	1956 - 1977	407556
AM	260m SE	Unspecified Tank	1936	409487
AM	262m SE	Unspecified Tank	1955 - 1999	383941
AM	264m SE	Unspecified Tank	1955	385484
AM	264m SE	Unspecified Tank	1938	401637
AL	265m W	Unspecified Tank	1956 - 1977	392873
X	284m SW	Unspecified Tank	1981 - 1991	401172
AJ	285m N	Unspecified Tank	1976 - 1991	402203
AO	285m W	Unspecified Tank	1977	365029
U	322m W	Gas Works	1896	380498
U	323m W	Unspecified Tank	1967 - 1968	409489
U	328m W	Gas Works	1896	382556
U	331m W	Tanks	1967 - 1977	386092
U	335m W	Unspecified Tank	1967 - 1968	390563
U	341m W	Unspecified Tank	1967 - 1977	396465
U	343m W	Unspecified Tank	1967 - 1977	405066
U	344m W	Tanks	1956 - 1977	385316
U	344m W	Unspecified Tank	1977	365028
AQ	352m E	Tanks	1969 - 1996	396995
AQ	353m E	Unspecified Tank	1955	380611
AY	353m SW	Tanks	1981 - 1991	396075
AS	355m E	Unspecified Tank	1969	365139
U	356m W	Unspecified Tank	1967 - 1977	381487
U	356m W	Tanks	1967 - 1977	383421
AQ	357m E	Tanks	1969 - 1991	387246
U	357m W	Tanks	1968	411594
U	358m W	Tanks	1967 - 1977	380959



ID	Location	Land use	Dates present	Group ID
AQ	358m E	Tanks	1996	380911
U	361m W	Unspecified Tank	1968	365051
U	362m W	Tanks	1956 - 1977	397108
U	363m W	Unspecified Tank	1956	383942
U	363m W	Tanks	1968	404081
U	363m W	Tanks	1956 - 1968	386557
U	363m W	Tanks	1956 - 1977	410194
AY	368m SW	Tanks	1991	376428
U	371m W	Unspecified Tank	1967 - 1968	383514
AQ	372m SE	Tanks	1988	390429
AQ	373m SE	Tanks	1991	383813
AQ	373m SE	Tanks	1969	390275
AQ	373m SE	Tanks	1955	411124
AQ	375m E	Tanks	1988	390110
U	376m W	Tanks	1935	376429
AQ	376m E	Tanks	1969	382129
T	378m NW	Tanks	1936	376437
T	379m NW	Unspecified Tanks	1938	379208
AZ	380m NE	Unspecified Tank	1969	365140
AQ	381m SE	Tanks	1955	403486
U	381m W	Gasometer	1896	373978
U	383m W	Tanks	1896	376430
U	384m W	Tanks	1956 - 1977	405403
AQ	386m SE	Tanks	1955	394202
U	392m NW	Unspecified Tank	1956	389308
U	392m NW	Unspecified Tank	1956	395775
U	392m NW	Unspecified Tank	1956	410014
U	400m W	Gas Holder Station	1991 - 1994	395399



ID	Location	Land use	Dates present	Group ID
U	400m W	Gasometer	1914 - 1920	387214
U	400m W	Gas Holder Station	1987	409570
U	400m W	Gasometers	1896 - 1920	407951
U	402m W	Unspecified Tank	1938	365052
U	403m W	Gasholder Station	1981	374608
U	403m W	Unspecified Tank	1955	384914
U	407m W	Gasometer	1914 - 1968	384553
U	407m W	Gas Holder	1991 - 1994	380833
U	407m W	Unspecified Tank	1955 - 1956	401661
U	407m W	Gasholder	1967	374570
U	407m W	Unspecified Tank	1956 - 1977	389912
U	407m W	Gasholder	1981	374571
U	407m W	Gas Holder	1987	396327
U	407m W	Unspecified Tank	1981	383329
U	408m W	Unspecified Tank	1955	396545
U	408m W	Gasometer	1968	400710
U	408m W	Unspecified Tank	1955	401754
U	409m NW	Gasholder Station	1991 - 1993	389579
U	409m NW	Gasholder Station	1998	387090
U	409m W	Unspecified Tank	1955	404616
U	409m W	Unspecified Tank	1955	401972
U	409m W	Unspecified Tanks	1938	379214
U	409m W	Unspecified Tank	1896	365024
U	412m W	Unspecified Tank	1936	388518
U	413m W	Unspecified Tank	1936	385529
U	413m W	Gasometer	1914	400747
AU	413m NE	Tank or Trough	1872	379672
U	414m W	Gasholder	1968 - 1993	403724



ID	Location	Land use	Dates present	Group ID
U	414m W	Gasometer	1956	382983
U	414m W	Gas Holder	1972 - 1994	395711
U	414m W	Gas Holder	1967 - 1993	408078
U	415m W	Gas Holder	1987	380518
U	415m W	Gas Holder	1981	380519
U	415m W	Unspecified Tank	1955 - 1956	411502
U	415m W	Tanks	1955 - 1968	399441
AT	416m N	Unspecified Tank	1968	365037
U	416m W	Unspecified Tank	1936 - 1938	395559
U	418m NW	Unspecified Tank	1959	400018
U	419m W	Gasholder	1998	411148
U	420m W	Gasometer	1896	373970
U	421m W	Gasometer	1965 - 1976	404266
U	421m W	Gasholder	1981	395649
U	422m W	Gasometer	1896	373969
U	428m W	Unspecified Tank	1955	365025
U	431m W	Unspecified Tank	1960	381668
U	431m W	Gas Holder	1998	410556
U	437m W	Tanks	1896	376432
U	438m W	Gasometer	1972	373971
U	438m W	Tanks	1936	386232
U	438m W	Tanks	1914	403173
U	447m W	Tanks	1972	376435
U	451m W	Tanks	1936	384303
U	451m W	Tanks	1972	376436
U	454m W	Tanks	1955 - 1968	394161
U	455m W	Tanks	1955 - 1968	389163
BF	459m W	Gas Works	1967	384675



ID	Location	Land use	Dates present	Group ID
BF	462m SW	Tanks	1968 - 1991	385300
U	463m W	Tanks	1936	402304
AK	467m N	Tanks	1993	376441
AT	468m N	Tanks	1983	376440
25	468m S	Tanks	1967 - 1992	409504
U	472m W	Unspecified Tank	1936 - 1938	388488
U	479m W	Unspecified Tank	1915	365026
U	482m W	Tanks	1936	376433
AT	486m N	Unspecified Tank	1983	365038
BD	487m SW	Unspecified Tank	1956	384055
BF	489m SW	Tanks	1990	408780
BF	489m SW	Tanks	1991	407367
AT	489m N	Unspecified Tank	1983	365036
BE	490m NW	Tanks	1976 - 1991	390613
AW	492m NE	Tanks	1969 - 1983	387690
29	492m S	Unspecified Tank	1915	365212
AW	499m NE	Unspecified Tank	1963 - 1964	391247

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	112
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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 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 12**

ID	Location	Land use	Dates present	Group ID
M	On site	Gas Works	1965 - 1968	258899



ID	Location	Land use	Dates present	Group ID
L	2m E	Gas Holder	1967	251691
L	2m E	Gasholder	1968	249888
A	4m N	Electricity Substation	1977 - 1991	269814
K	8m N	Gas Holder	1967 - 1993	278511
K	8m N	Gasholder	1968	249889
K	9m N	Gas Holder	1981 - 1991	271243
O	9m S	Electricity Transformer Station	1968	275741
P	10m S	Electricity Substation	1977	245746
P	10m S	Electricity Transformer Station	1967	256852
W	59m W	Electricity Substation	1981 - 1993	264900
W	59m W	Electricity Substation	1977	270940
A	61m NW	Electricity Substation	1977 - 1991	290426
Z	83m N	Electricity Substation	1976	245738
Z	87m N	Electricity Substation	1991 - 1998	260179
A	91m NW	Electricity Substation	1990 - 1998	258171
A	92m NW	Electricity Substation	1985 - 1987	270896
AB	94m E	Electricity Substation	1955 - 1968	267022
D	99m NE	Electricity Substation	1990	288016
D	100m NE	Electricity Substation	1991 - 1998	262249
N	102m SE	Electricity Substation	1955 - 1977	262138
A	102m E	Electricity Substation	1991	255441
A	102m E	Electricity Substations	1977	250060
A	102m E	Electricity Substation	1967	256412
A	102m E	Electricity Substation	1968	256413
A	102m E	Electricity Substation	1955	256689
A	102m E	Electricity Substation	1956	256690
A	102m E	Electricity Substation	1956	256691
A	102m E	Electricity Substation	1987	256622



ID	Location	Land use	Dates present	Group ID
A	102m E	Electricity Substation	1985	256623
A	103m E	Electricity Substation	1998	253236
A	103m E	Electricity Substation	1991	255929
A	103m E	Electricity Substation	1990	256507
N	106m SE	Electricity Substation	1991	245736
AB	109m E	Electricity Substation	1955 - 1991	272960
A	110m NW	Electricity Substations	1977	250061
A	111m NW	Electricity Substation	1990	287765
A	112m NW	Electricity Substation	1985 - 1998	284651
S	135m S	Electricity Substation	1977 - 1991	279412
N	137m SE	Electricity Substation	1991	272379
N	147m SE	Electricity Substation	1988	289774
AG	149m W	Electricity Substation	1976 - 1991	257519
AG	149m W	Electricity Substation	1993	280668
F	200m W	Gasometer	1968	251461
X	221m SW	Electricity Substation	1981 - 1991	258935
AH	231m N	Electricity Substation	1968	257925
AH	239m N	Electricity Substation	1985 - 1990	273578
AH	241m N	Electricity Substation	1991 - 1998	291017
U	258m W	Gas Works	1896 - 1976	282144
AI	258m NE	Electricity Substation	1985 - 1998	269704
AI	261m NE	Electricity Substation	1990	245739
O	261m S	Electricity Substation	1991	245748
O	261m S	Electricity Transformer Station	1967 - 1991	282514
AI	286m N	Electricity Substation	1968	245737
AJ	300m N	Electricity Substation	1976 - 1998	286302
AQ	316m E	Electricity Substation	1996	245735
AQ	321m E	Electricity Substation	1969 - 1991	273599



ID	Location	Land use	Dates present	Group ID
T	337m W	Electricity Substation	1991	255326
T	338m W	Electricity Substation	1993	255623
T	339m W	Electricity Substation	1976	252914
AQ	362m E	Electricity Substation	1955	271196
AZ	370m NE	Electricity Substation	1969	245734
AZ	379m NE	Electricity Substation	1983	245733
U	381m W	Gasometer	1896	251460
U	394m W	Electricity Substation	1981 - 1994	261005
U	394m W	Electricity Substation	1977 - 1987	279838
U	400m W	Gas Holder Station	1991 - 1994	271075
U	400m W	Gasometer	1914 - 1920	276860
U	400m W	Gas Holder Station	1987	283921
U	400m W	Gasometers	1896 - 1920	260503
U	403m W	Gasholder Station	1981	251749
U	407m W	Gasometer	1914 - 1968	284200
U	407m W	Gas Holder	1991 - 1994	288967
U	407m W	Gasholder	1967	249886
U	407m W	Gasholder	1981	249887
U	407m W	Gas Holder	1987	289674
U	408m W	Gasometer	1914 - 1968	269695
U	409m NW	Gasholder Station	1991 - 1993	272932
U	409m NW	Gasholder Station	1998	285989
AQ	412m SE	Electricity Substation	1996 - 1999	265600
U	414m W	Gasholder	1968	286565
U	414m W	Gas Holder	1972	256738
U	414m W	Gas Holder	1977	256739
U	414m W	Gas Holder	1967	256871
U	414m W	Gasometer	1956	257109



ID	Location	Land use	Dates present	Group ID
U	415m W	Gas Holder	1991 - 1993	286678
U	415m W	Gas Holder	1987	256720
U	415m W	Gas Holder	1981	256721
U	419m W	Gasholder	1993 - 1998	280148
U	420m W	Gasometer	1896	251452
U	421m W	Gasometer	1965 - 1976	257286
BF	421m SW	Electricity Substation	1981 - 1991	263302
U	421m W	Gas Holder	1994	256888
U	421m W	Gas Holder	1992	256889
U	421m W	Gas Holder	1991	256890
U	421m W	Gas Holder	1991	256891
U	421m W	Gasholder	1981	291031
U	422m W	Gasometer	1896	251451
U	431m W	Gas Holder	1998	292610
U	438m W	Gasometer	1972	251453
BF	459m W	Gas Works	1967	252537
AW	462m NE	Electricity Substation	1990 - 1998	288883
AT	480m NE	Electricity Substation	1983 - 1991	287956
BK	485m E	Electricity Substation	1985 - 1999	287244
BK	490m E	Electricity Substation	1996	253438
BK	490m E	Electricity Substation	1998	254542
BK	490m E	Electricity Substation	1992	256505
BK	490m E	Electricity Substation	1991	256506
BN	490m NE	Electricity Substation	1969	245770
BK	490m E	Electricity Substation	1986	253652
BN	496m NE	Electricity Substation	1983	245769
BN	500m NE	Electricity Substation	1991	291383

This data is sourced from Ordnance Survey / Groundsure.



1.4 Historical petrol stations

Records within 500m

0

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 un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

7

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 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 12**

ID	Location	Land use	Dates present	Group ID
BI	438m E	Garage	1963	76845
BI	446m E	Garage	1983 - 1987	82082
BI	448m E	Garage	1964 - 1969	84317
AW	459m NE	Garage	1990 - 1991	82514
AW	459m NE	Garage	1997 - 1998	81565
AW	459m NE	Garage	1991	83136
BI	484m E	Garage	1977	79910

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

1

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.

Features are displayed on the Past land use map on **page 12**

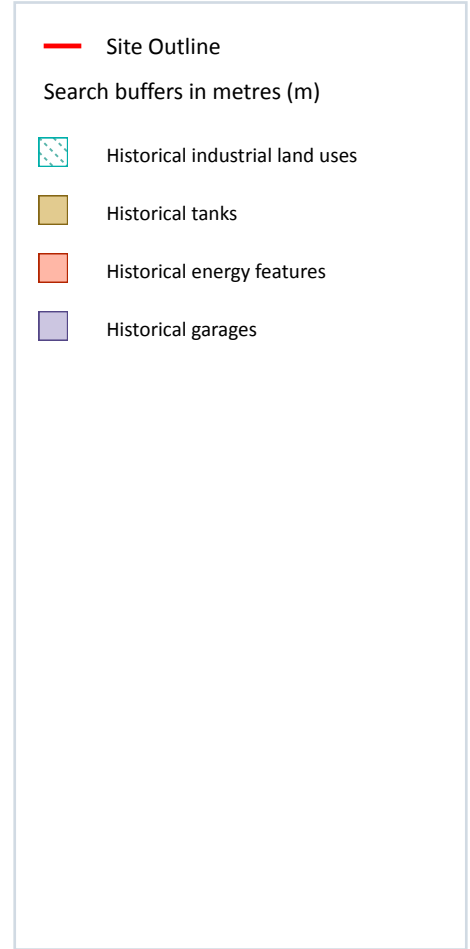
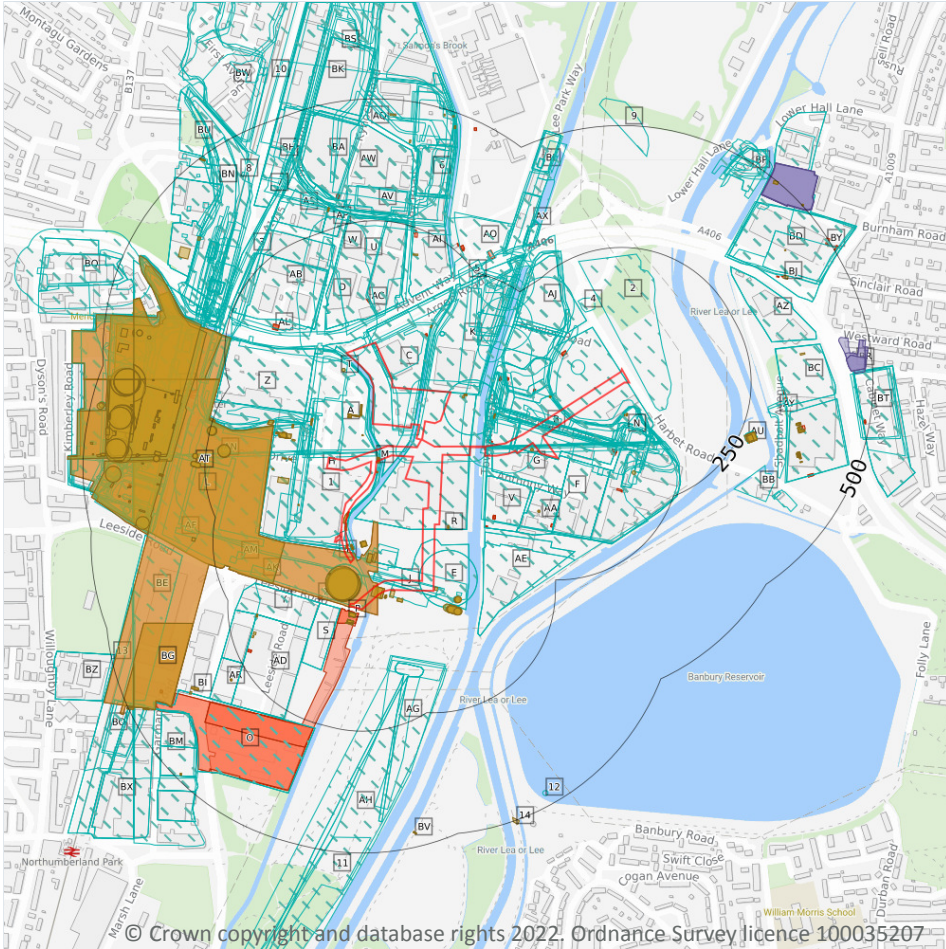


ID	Location	Site Name	Date of Operation	Activities
AK	262m N	No. 4 Edmonton	circa WWI	Government Cartridge Factory; SAA, aero engine repair

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



2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m

543

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 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 41**

ID	Location	Land Use	Date	Group ID
1	On site	Gas Meters and Stoves Works	1920	2231708
A	On site	Unspecified Commercial/Industrial	1920	2213849
A	On site	Unspecified Commercial/Industrial	1938	2200595

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Works	1988	2254134
A	On site	Railway Sidings	1974	2283710
A	On site	Railway Sidings	1968	2175819
A	On site	Railway Sidings	1951	2279955
A	On site	Gas Meters and Stoves Works	1951	2217754
A	On site	Gas Meters and Stoves Works	1938	2213922
B	On site	Railway Sidings	1938	2194493
B	On site	Unspecified Commercial/Industrial	1938	2194066
B	On site	Road Works	1920	2217428
B	On site	Railway Sidings	1920	2220622
B	On site	Railway Sidings	1920	2252451
B	On site	Road Works	1920	2271870
B	On site	Unspecified Wharf	1951	2288506
B	On site	Unspecified Wharf	1938	2224968
B	On site	Unspecified Wharf	1920	2224968
B	On site	Railway Sidings	1897	2237147
B	On site	Unspecified Works	1897	2186798
B	On site	Unspecified Works	1920	2216137
B	On site	Unspecified Wharf	1920	2243968
B	On site	Railway Sidings	1920	2286397
B	On site	Railway Sidings	1938	2194493
B	On site	Factory Colony	1938	2141226
B	On site	Unspecified Wharf	1938	2184834
B	On site	Unspecified Commercial/Industrial	1894	2193912
B	On site	Railway Sidings	1894	2263489
B	On site	Unspecified Works	1988	2174164
B	On site	Unspecified Works	1988	2208723
B	On site	Unspecified Works	1988	2174623



ID	Location	Land Use	Date	Group ID
B	On site	Unspecified Warehouse	1988	2138585
B	On site	Unspecified Works	1974	2174164
B	On site	Unspecified Works	1974	2174623
B	On site	Unspecified Works	1974	2208723
B	On site	Unspecified Warehouses	1974	2142533
B	On site	Unspecified Works	1968	2253258
B	On site	Unspecified Works	1968	2174623
B	On site	Unspecified Works	1968	2208723
B	On site	Unspecified Depot	1968	2206677
B	On site	Railway Sidings	1951	2209288
B	On site	Unspecified Wharf	1920	2184834
C	On site	Unspecified Works	1920	2195514
C	On site	Sparklet Works	1938	2177113
C	On site	Sparklet Works	1920	2242711
C	On site	Sparklet Works	1920	2242711
C	On site	Sparklet Works	1938	2294643
C	On site	Unspecified Works	1988	2181369
C	On site	Unspecified Works	1974	2181369
C	On site	Unspecified Works	1968	2181369
C	On site	Sparklet Works	1951	2209382
D	On site	Nursery	1894	2281138
E	On site	Unspecified Wharf	1988	2194661
E	On site	Unspecified Wharf	1974	2194661
F	On site	Unspecified Works	1894	2168648
F	On site	Road Works	1938	2264691
F	On site	Road Works	1920	2271870
G	On site	Unspecified Wharf	1988	2224969
G	On site	Unspecified Wharf	1974	2224969



ID	Location	Land Use	Date	Group ID
G	On site	Timber Wharf	1968	2141944
H	On site	Unspecified Works	1974	2267582
H	On site	Unspecified Works	1968	2267582
I	On site	Railway Buildings	1974	2272531
I	On site	Railway Buildings	1968	2272531
J	On site	Railway Buildings	1968	2229642
J	On site	Railway Buildings	1951	2292712
K	On site	Joinery Works	1951	2204045
K	1m N	Joinery Works	1938	2204045
C	1m NE	Unspecified Tank	1951	2154846
I	5m S	Unspecified Tank	1938	2154840
I	6m S	Unspecified Tanks	1988	2291259
I	6m S	Unspecified Tanks	1974	2291259
I	6m S	Unspecified Tanks	1968	2291259
I	6m S	Unspecified Tanks	1951	2212429
N	9m SE	Unspecified Works	1968	2204209
A	9m N	Unspecified Commercial/Industrial	1920	2168781
A	12m N	Unspecified Commercial/Industrial	1920	2229730
Q	17m SW	Unspecified Commercial/Industrial	1938	2200595
S	20m W	Unspecified Works	1988	2210179
S	20m W	Unspecified Works	1974	2210179
S	20m W	Unspecified Works	1968	2210179
I	22m N	Railway Building	1968	2149659
2	24m NE	Unspecified Heap	1968	2136534
F	25m E	Unspecified Works	1988	2268271
F	25m E	Unspecified Works	1974	2268271
F	25m E	Unspecified Works	1968	2268271
K	25m NE	Joinery Works	1938	2178229



ID	Location	Land Use	Date	Group ID
T	27m SW	Unspecified Tank	1938	2154847
I	27m E	Railway Buildings	1951	2163608
A	31m W	Railway Sidings	1920	2269237
N	34m NE	Unspecified Works	1896	2168649
U	34m N	Sewage Pumping Station	1920	2213983
B	36m NW	Refuse Heap	1920	2292407
E	38m SE	Unspecified Tanks	1968	2233162
E	38m SE	Unspecified Tanks	1951	2243591
B	41m NW	Unspecified Wharf	1968	2157260
V	42m S	Unspecified Works	1988	2262674
V	42m S	Unspecified Works	1974	2262674
V	42m S	Unspecified Works	1968	2262674
U	42m N	Furniture Works	1951	2170255
A	42m W	Railway Sidings	1938	2178905
Q	43m W	Railway Sidings	1920	2287939
3	43m W	Railway Sidings	1938	2178905
A	44m W	Railway Sidings	1920	2204268
E	44m E	Unspecified Tank	1968	2154839
Q	46m W	Railway Sidings	1938	2178905
A	48m W	Railway Sidings	1920	2248178
E	48m E	Railway Building	1951	2149660
W	49m N	Unspecified Commercial/Industrial	1938	2130920
D	50m N	Nursery	1897	2281138
U	51m N	Unspecified Works	1988	2234367
U	51m N	Unspecified Works	1974	2234367
U	51m N	Unspecified Works	1968	2234367
U	54m N	Furniture Works	1938	2175356
B	57m NW	Gravel Pit	1920	2139016



ID	Location	Land Use	Date	Group ID
B	57m NW	Refuse Heap	1920	2292407
U	58m N	Furniture Works	1938	2175356
Y	61m W	Unspecified Depot	1988	2252508
Y	61m W	Unspecified Depot	1974	2252508
Y	61m W	Unspecified Depot	1968	2276160
Z	64m W	Unspecified Works	1974	2181368
Z	64m W	Unspecified Works	1968	2181368
K	70m NW	Wharf	1897	2160614
AA	71m S	Unspecified Works	1988	2262674
AA	71m S	Unspecified Works	1974	2262674
AA	71m S	Unspecified Works	1968	2262674
N	72m SE	Unspecified Works	1866	2168884
N	72m SE	Unspecified Works	1864	2168885
N	80m SE	Unspecified Work	1864	2132271
AB	81m NW	Unspecified Works	1988	2215180
AB	81m NW	Unspecified Works	1974	2215180
AB	81m NW	Clothing Factory	1951	2181948
AB	83m NW	Clothing Factory	1938	2239708
AB	85m NW	Clothing Factory	1938	2239708
AA	93m E	Timber Wharf	1968	2282953
AD	94m SW	Unspecified Depot	1988	2257749
AD	94m SW	Unspecified Depot	1974	2257749
AD	94m SW	Unspecified Depot	1968	2257749
K	95m NE	Unspecified Wharf	1968	2264911
AE	95m E	Unspecified Works	1988	2159816
AE	95m E	Unspecified Wharf	1974	2157261
K	100m NW	Unspecified Wharf	1938	2281102
AE	101m E	Timber Wharf	1968	2282953



ID	Location	Land Use	Date	Group ID
N	102m SE	Railway Sidings	1938	2194493
N	106m SE	Railway Sidings	1920	2241255
N	110m SE	Unspecified Works	1988	2254728
N	110m SE	Unspecified Works	1974	2254728
N	110m SE	Unspecified Works	1968	2294410
AG	111m SE	Rifle Range	1897	2207457
C	114m N	Unspecified Tank	1988	2256910
C	114m N	Unspecified Tank	1974	2256910
C	114m N	Unspecified Tank	1968	2256910
A	114m NW	Chimney	1974	2270475
A	114m NW	Chimney	1968	2270475
AH	114m SE	Rifle Range	1896	2215377
K	118m NE	Unspecified Wharf	1920	2207017
AI	120m NE	Unspecified Works	1988	2285595
AI	120m NE	Unspecified Works	1974	2285595
AI	120m NE	Unspecified Works	1968	2285595
AH	122m SE	Rifle Range	1894	2226769
AJ	122m NW	Unspecified Depot	1968	2206677
AJ	122m NW	Timber Yard	1951	2225174
AJ	123m NW	Estate Works	1988	2216070
AJ	123m NW	Estate Works	1974	2216070
K	126m NE	Unspecified Wharf	1951	2264911
K	128m NE	Unspecified Wharf	1866	2215901
K	128m NE	Unspecified Wharf	1864	2215901
AJ	128m NW	Timber Yard	1938	2225174
N	129m SE	Railway Sidings	1951	2271004
AJ	131m NW	Timber Yard	1938	2253701
AG	132m SE	Rifle Range	1869	2173844



ID	Location	Land Use	Date	Group ID
AG	132m SE	Rifle Range	1879	2219493
AH	132m SE	Rifle Range	1869	2256687
AH	132m SE	Rifle Range	1879	2191137
K	133m NE	Unspecified Wharf	1938	2177082
K	135m N	Nursery	1894	2203232
AK	136m SW	Railway Building	1974	2250281
AK	136m SW	Railway Building	1968	2250281
4	136m NW	Unspecified Pit	1968	2125435
AJ	140m NW	Unspecified Wharf	1894	2197526
K	140m N	Nursery	1897	2203232
Q	145m W	Gas Works	1974	2168638
Q	145m W	Gas Works	1968	2168642
AM	185m W	Railway Buildings	1974	2294243
AM	185m W	Railway Buildings	1968	2294243
Y	191m W	Unspecified Depot	1988	2276159
Y	191m W	Unspecified Depot	1974	2276159
Y	191m W	Unspecified Depot	1968	2276159
K	195m NE	Unspecified Wharf	1920	2203179
K	204m NE	Unspecified Wharf	1864	2267030
K	204m NE	Unspecified Wharf	1864	2267030
5	206m NE	Sewage Pumping Station	1920	2196000
AN	208m W	Unspecified Tank	1974	2154845
AO	209m NE	Sewage Pumping Station	1951	2185738
W	211m N	Sewage Pumping Station	1920	2243704
AO	212m NE	Sewage Pumping Station	1938	2185738
K	217m N	Unspecified Wharf	1920	2281103
Q	224m W	Railway Building	1951	2149641
AP	231m N	Unspecified Works	1988	2203169



ID	Location	Land Use	Date	Group ID
AP	231m N	Unspecified Works	1974	2227992
AP	231m N	Unspecified Works	1968	2229372
AN	237m W	Unspecified Tank	1974	2209070
AN	237m W	Unspecified Tank	1968	2209070
AQ	238m N	Unspecified Works	1920	2281527
AI	240m N	Sewage Pumping Station	1938	2164732
Q	243m W	Railway Building	1951	2149643
AR	248m SW	Unspecified Depot	1988	2276159
AR	248m SW	Unspecified Depot	1974	2276159
AR	248m SW	Unspecified Depot	1968	2276159
AS	249m N	Unspecified Works	1988	2258107
AS	249m N	Unspecified Works	1974	2258107
AS	249m N	Unspecified Works	1968	2258107
AQ	250m N	Railway Sidings	1920	2187990
AQ	254m N	Unspecified Works	1920	2276312
AQ	255m N	Cartridge Works	1920	2128235
AQ	256m N	Railway Sidings	1920	2245300
AQ	256m N	Unspecified Works	1894	2228918
Q	259m W	Railway Sidings	1920	2288514
AU	259m SE	Unspecified Tank	1938	2270791
O	261m S	Unspecified Commercial/Industrial	1988	2185240
O	261m S	Unspecified Commercial/Industrial	1974	2185240
O	261m S	Unspecified Commercial/Industrial	1968	2185240
AU	262m SE	Unspecified Tank	1988	2235254
AU	262m SE	Unspecified Tank	1974	2235254
AU	262m SE	Unspecified Tank	1968	2235254
AU	262m SE	Unspecified Tank	1951	2285534
AV	262m N	Furniture Works	1938	2203943



ID	Location	Land Use	Date	Group ID
AN	262m W	Railway Building	1951	2149657
Q	263m W	Railway Building	1968	2149642
AQ	264m N	Railway Sidings	1920	2245300
AU	264m SE	Unspecified Tank	1938	2203914
Q	265m W	Railway Sidings	1864	2283980
AQ	265m N	Unspecified Works	1897	2276312
AW	266m N	Unspecified Works	1988	2231685
AW	266m N	Unspecified Works	1974	2231685
AW	266m N	Unspecified Works	1968	2231685
AV	267m N	Furniture Works	1951	2270077
Q	267m W	Railway Sidings	1866	2283980
Q	267m W	Railway Sidings	1864	2283980
AV	268m N	Furniture Works	1938	2270077
Q	270m W	Railway Sidings	1968	2254284
Q	271m W	Railway Station	1864	2264869
Q	271m W	Railway Building	1864	2149658
Q	272m W	Railway Station	1920	2289798
Q	273m W	Railway Station	1866	2227728
Q	273m W	Railway Station	1864	2227728
Q	274m W	Railway Sidings	1920	2222785
Q	277m W	Railway Station	1894	2236653
AF	282m W	Railway Building	1974	2260978
AF	282m W	Railway Building	1968	2260978
Q	283m NW	Railway Station	1951	2247531
Q	284m W	Railway Buildings	1951	2163607
Q	284m NW	Railway Station	1988	2227870
Q	284m NW	Railway Station	1974	2227870
Q	284m NW	Railway Station	1968	2227870



ID	Location	Land Use	Date	Group ID
Q	287m W	Railway Sidings	1920	2286164
AX	288m NW	Unspecified Wharf	1920	2282540
Q	288m NW	Railway Station	1920	2210242
Q	288m W	Railway Station	1938	2204089
AY	289m E	Unspecified Pit	1920	2234846
Q	289m W	Railway Building	1988	2278382
Q	289m W	Railway Building	1974	2278382
Q	289m W	Railway Building	1968	2278382
Q	290m W	Gas Works	1920	2285578
Q	290m W	Railway Sidings	1920	2255711
AY	290m E	Unspecified Pit	1951	2275006
AZ	290m NE	Unspecified Works	1988	2187357
AZ	290m NE	Unspecified Works	1974	2187357
AZ	290m NE	Unspecified Works	1968	2187357
Q	291m NW	Railway Station	1938	2210242
Q	291m NW	Railway Station	1920	2210242
Q	291m W	Railway Sidings	1920	2295028
AQ	293m N	Railway Sidings	1894	2221887
Q	293m W	Railway Station	1897	2236653
Q	295m W	Railway Sidings	1951	2254284
Q	296m W	Railway Sidings	1894	2216655
Q	297m W	Railway Sidings	1974	2243416
Q	297m W	Railway Sidings	1968	2243416
Q	298m W	Railway Sidings	1951	2208161
Q	298m W	Railway Sidings	1951	2243416
Q	299m W	Railway Buildings	1864	2163604
AX	300m N	Unspecified Wharf	1920	2282540
BA	301m N	Furniture Works	1951	2180673



ID	Location	Land Use	Date	Group ID
Q	301m W	Railway Building	1866	2215097
Q	301m W	Railway Building	1864	2215097
Q	301m W	Gas Works	1920	2285578
Q	302m W	Railway Sidings	1988	2216655
Q	302m W	Railway Sidings	1974	2216655
BA	302m N	Furniture Works	1938	2180673
Q	303m W	Gas Works	1920	2180001
Q	303m W	Railway Sidings	1920	2179502
Q	303m W	Railway Sidings	1920	2255711
Q	304m W	Railway Sidings	1938	2178905
Q	304m W	Unspecified Commercial/Industrial	1938	2200595
AX	305m N	Timber Yard	1951	2209200
BA	305m N	Furniture Works	1938	2261547
AX	305m N	Timber Yard	1938	2209200
AY	306m E	Unspecified Works	1988	2255927
BB	306m SE	Pumping Station	1951	2151736
BC	307m E	Unspecified Works	1974	2276569
BC	307m E	Unspecified Works	1968	2276569
AX	309m N	Timber Yard	1938	2184449
AX	310m NW	Unspecified Wharf	1951	2219322
AX	311m NW	Unspecified Wharf	1920	2269855
AQ	312m N	Zinc Rolling Works	1938	2221816
AQ	313m N	Zinc Rolling Works	1938	2221816
6	313m N	Paving Works	1951	2160511
Q	313m W	Railway Sidings	1920	2216655
BD	314m NE	Unspecified Works	1938	2188706
Q	314m W	Gas Works	1894	2206249
BE	314m W	Railway Sidings	1974	2258175



ID	Location	Land Use	Date	Group ID
BE	314m W	Railway Sidings	1968	2258175
AX	314m NW	Unspecified Wharf	1938	2188808
AX	315m NW	Unspecified Wharf	1938	2205452
Q	315m W	Railway Building	1951	2251661
BD	316m NE	Unspecified Works	1951	2188706
Q	316m NW	Goods Shed	1920	2164611
Q	318m W	Railway Building	1988	2225347
Q	318m W	Railway Building	1974	2225347
Q	318m W	Railway Building	1968	2279084
AQ	318m N	Unspecified Works	1988	2285595
AQ	318m N	Unspecified Works	1974	2285595
AQ	318m N	Unspecified Works	1968	2285595
Q	319m W	Unspecified Commercial/Industrial	1894	2274564
BD	320m NE	Unspecified Works	1938	2188501
Q	320m W	Railway Sidings	1920	2215627
BF	321m NE	Unspecified Works	1988	2234029
BF	321m NE	Unspecified Works	1974	2234029
BF	321m NE	Unspecified Works	1968	2217712
Q	321m W	Railway Buildings	1951	2163602
Q	324m NW	Railway Sidings	1897	2216655
Q	327m W	Railway Building	1951	2149656
Q	327m W	Unspecified Commercial/Industrial	1938	2200595
Q	328m W	Railway Building	1938	2149650
Q	329m W	Railway Sidings	1920	2258555
Q	329m W	Gas Works	1896	2206249
Q	330m NW	Railway Building	1968	2265201
Q	330m NW	Railway Building	1951	2226163
Q	331m W	Railway Sidings	1894	2168756



ID	Location	Land Use	Date	Group ID
Q	333m W	Railway Building	1951	2149655
Q	333m NW	Goods Shed	1920	2276319
Q	333m W	Unspecified Commercial/Industrial	1920	2274563
Q	333m W	Gas Works	1897	2180001
Q	333m NW	Railway Building	1988	2246305
Q	333m NW	Railway Building	1974	2246305
Q	335m W	Railway Sidings	1920	2287939
AY	336m E	Unspecified Works	1974	2271423
AY	336m E	Unspecified Works	1968	2271423
Q	336m NW	Railway Building	1938	2226163
Q	336m NW	Goods Shed	1920	2276319
Q	338m W	Gas Works	1869	2257069
Q	338m W	Gas Works	1879	2206249
Q	339m W	Railway Sidings	1896	2168757
BH	340m NW	Unspecified Factory	1988	2231660
BH	340m NW	Unspecified Factory	1974	2231660
BH	340m NW	Unspecified Factory	1968	2266499
AQ	340m N	Railway Sidings	1897	2221887
Q	342m W	Railway Sidings	1938	2178905
Q	343m W	Railway Sidings	1897	2267019
Q	343m W	Railway Sidings	1988	2204943
Q	343m W	Railway Sidings	1974	2192400
BD	359m NE	Unspecified Works	1968	2256021
Q	361m NW	Unspecified Depot	1988	2260092
Q	361m NW	Unspecified Depot	1974	2260092
Q	361m NW	Unspecified Depot	1968	2260092
7	361m NW	Railway Building	1951	2149640
Q	367m W	Railway Sidings	1951	2269334



ID	Location	Land Use	Date	Group ID
BK	373m N	Wireless Works	1938	2283689
Q	373m W	Railway Sidings	1894	2283282
BB	374m SE	Pumping Station	1920	2237216
Q	375m W	Unspecified Tank	1938	2288236
Q	375m NW	Railway Building	1951	2149645
Q	376m W	Gasometer	1869	2256859
Q	376m W	Gasometer	1879	2232705
Q	376m W	Railway Building	1951	2149649
Q	376m W	Gasometer	1894	2205219
Q	376m W	Unspecified Tank	1869	2233003
Q	377m W	Railway Sidings	1951	2177237
BB	378m SE	Pumping Station	1938	2237216
Q	378m W	Gasometer	1896	2269041
Q	379m W	Unspecified Tank	1920	2288236
BK	379m N	Unspecified Commercial/Industrial	1951	2130919
Q	379m NW	Unspecified Tanks	1938	2143938
Q	381m W	Railway Buildings	1951	2163599
Q	383m W	Gasometers	1897	2138381
BL	390m NW	Unspecified Wharf	1938	2281104
Q	391m NW	Unspecified Works	1988	2286044
Q	391m NW	Unspecified Works	1974	2286044
Q	391m NW	Unspecified Works	1968	2286044
Q	394m W	Railway Sidings	1974	2243416
Q	395m W	Unspecified Tank	1951	2188220
BM	396m SW	Nursery	1894	2161490
Q	396m W	Railway Sidings	1966	2243416
BM	397m SW	Unspecified Works	1988	2204207
BM	397m SW	Unspecified Works	1974	2204207



ID	Location	Land Use	Date	Group ID
BM	397m SW	Unspecified Works	1968	2204207
BM	397m SW	Shoe Manufactory	1951	2139593
Q	398m W	Railway Buildings	1951	2163598
Q	398m W	Unspecified Commercial/Industrial	1951	2282534
Q	400m W	Unspecified Works	1982	2251558
Q	400m W	Unspecified Works	1974	2222614
Q	400m W	Gasometer	1920	2171628
Q	400m W	Unspecified Tanks	1869	2232252
Q	400m W	Gasometers	1920	2227891
Q	400m W	Unspecified Tanks	1879	2234276
Q	401m W	Unspecified Commercial/Industrial	1991	2168779
Q	401m W	Unspecified Tank	1938	2279287
BN	401m NW	Railway Sidings	1920	2180328
Q	402m W	Unspecified Commercial/Industrial	1966	2202990
Q	403m W	Unspecified Tank	1938	2279287
Q	404m NW	Unspecified Tanks	1938	2143937
Q	404m W	Unspecified Tanks	1982	2284498
Q	404m W	Unspecified Tanks	1966	2192988
Q	404m W	Unspecified Tanks	1974	2284498
Q	406m W	Unspecified Tank	1991	2187241
Q	406m W	Unspecified Tanks	1982	2256843
Q	406m W	Unspecified Tanks	1966	2254796
Q	406m W	Unspecified Tanks	1974	2254796
Q	406m W	Unspecified Tanks	1951	2193592
Q	408m W	Unspecified Tanks	1951	2205569
Q	408m W	Unspecified Tank	1894	2253633
AQ	409m N	Zinc Rolling Works	1951	2186216
Q	409m W	Unspecified Tanks	1938	2205700



ID	Location	Land Use	Date	Group ID
Q	410m W	Unspecified Tank	1894	2212979
Q	411m W	Unspecified Tank	1938	2291783
Q	411m W	Gasometer	1920	2259352
Q	411m W	Gasometer	1920	2285233
Q	411m W	Unspecified Tank	1938	2244770
Q	411m W	Gasometer	1920	2250504
Q	411m NW	Railway Building	1951	2149644
Q	412m W	Gasometer	1920	2250504
Q	412m W	Unspecified Tank	1869	2194399
Q	412m W	Unspecified Tank	1879	2258503
BL	413m N	Unspecified Wharf	1920	2266149
Q	414m W	Unspecified Tank	1938	2177319
Q	414m W	Gasometer	1920	2217890
Q	414m W	Railway Building	1951	2149651
Q	415m W	Gasometer	1920	2238341
Q	415m W	Gasometer	1974	2257398
Q	415m W	Gasometer	1968	2257398
Q	418m W	Unspecified Tank	1938	2177319
8	419m NW	Railway Building	1951	2149639
Q	420m W	Unspecified Tank	1991	2276506
Q	420m W	Gasometer	1894	2233308
Q	420m W	Gasometers	1897	2196643
Q	420m W	Unspecified Tank	1982	2237795
Q	420m W	Unspecified Tank	1966	2228633
Q	420m W	Unspecified Tank	1974	2228633
Q	420m W	Unspecified Tank	1951	2250328
Q	421m W	Gasometer	1869	2209972
Q	421m W	Gasometer	1879	2279176



ID	Location	Land Use	Date	Group ID
Q	421m W	Unspecified Tank	1988	2154880
Q	421m W	Gasometer	1974	2257400
Q	421m W	Gasometer	1968	2257400
BO	423m W	Railway Sidings	1966	2169582
BO	423m W	Railway Sidings	1974	2169582
Q	424m W	Gasometer	1896	2172593
BP	426m NE	Flour Mill	1863	2246084
BQ	427m W	Electricity Plating Works	1951	2264890
BM	428m SW	Unspecified Works	1988	2204207
BM	428m SW	Unspecified Works	1974	2204207
BM	428m SW	Unspecified Works	1968	2204207
BO	428m W	Railway Sidings	1951	2212383
BL	428m N	Unspecified Wharf	1951	2227875
BL	429m N	Unspecified Wharf	1938	2281104
BL	429m N	Unspecified Wharf	1920	2281104
Q	432m W	Unspecified Tank	1869	2154848
BF	433m NE	Unspecified Pit	1863	2125440
Q	433m NW	Railway Building	1951	2149647
BL	433m N	Unspecified Wharf	1920	2266149
Q	435m W	Gasometer	1920	2139869
BP	436m NE	Metropolitan Water Board Pumping Station	1938	2162170
Q	437m W	Unspecified Tanks	1920	2190513
Q	437m W	Railway Sidings	1951	2255711
9	440m N	Unspecified Pit	1951	2125436
BP	440m NE	Pumping Station	1894	2186267
BO	441m W	Railway Sidings	1982	2279583
BQ	443m W	Unspecified Commercial/Industrial	1982	2202990
BP	444m NE	Unspecified Mill	1897	2285724



ID	Location	Land Use	Date	Group ID
BP	444m NE	Mill and Pumping Station	1951	2168019
BL	444m N	Unspecified Wharf	1988	2217841
BL	444m N	Unspecified Wharf	1974	2217841
BL	444m N	Unspecified Wharf	1968	2217841
Q	445m W	Gasometer	1920	2139871
Q	447m W	Gasometer	1920	2139870
10	450m NW	Railway Sidings	1951	2271106
BS	450m N	Wireless Works	1938	2230223
BM	453m SW	Unspecified Commercial/Industrial	1988	2267684
BM	453m SW	Unspecified Commercial/Industrial	1974	2169509
BT	454m E	Cabinet Works	1938	2191769
Q	457m W	Unspecified Tanks	1938	2143939
BS	457m N	Wireless Works	1951	2230223
BT	459m E	Cabinet Works	1938	2191769
BT	460m E	Cabinet Works	1951	2202258
BT	461m E	Unspecified Works	1988	2204061
BT	461m E	Unspecified Works	1974	2204061
BT	461m E	Unspecified Old Works	1968	2135640
BU	464m NW	Unspecified Depot	1988	2210422
BU	464m NW	Unspecified Depot	1974	2210422
BU	464m NW	Unspecified Depot	1968	2210422
Q	465m W	Unspecified Tank	1951	2209842
BS	465m N	Unspecified Works	1988	2241080
BS	465m N	Unspecified Works	1974	2241080
BS	465m N	Unspecified Works	1968	2241080
BO	466m SW	Nursery	1896	2284251
BO	467m SW	Nursery	1897	2284251
BW	468m NW	Gravel Pit	1920	2188109



ID	Location	Land Use	Date	Group ID
11	468m S	Rifle Range	1894	2228119
12	469m SE	Tower Works	1974	2150895
BN	469m NW	Railway Buildings	1951	2163603
BN	470m NW	Railway Building	1951	2149648
BP	471m NE	Flour Mill	1866	2293184
Q	471m W	Unspecified Tank	1938	2188077
BM	471m SW	Unspecified Works	1988	2253005
BM	471m SW	Unspecified Works	1974	2253005
BM	471m SW	Unspecified Works	1968	2253005
Q	472m W	Unspecified Tank	1938	2188077
BQ	473m W	Unspecified Factory	1991	2150982
BQ	473m W	Unspecified Works	1966	2159807
BP	475m NE	Pumping Station	1938	2282995
Q	476m W	Unspecified Tanks	1951	2275860
BW	477m NW	Unspecified Ground Workings	1951	2238821
BW	479m NW	Ground Workings and Refuse Heap	1938	2141209
Q	482m W	Unspecified Tanks	1938	2229347
BW	483m NW	Gravel Pit	1920	2270443
BQ	483m W	Electricity Plating Works	1938	2271185
BQ	484m W	Electric Plating Works	1938	2140467
BX	484m SW	Unspecified Commercial/Industrial	1982	2216892
BX	484m SW	Unspecified Works	1991	2211833
BP	485m NE	Pumping Station	1897	2256414
BW	488m NW	Gravel Pit	1920	2188109
BX	488m SW	Unspecified Works	1966	2265539
BX	488m SW	Unspecified Commercial/Industrial	1974	2272315
13	490m W	Railway Building	1951	2149652
BZ	490m W	Unspecified Commercial/Industrial	1982	2205370



ID	Location	Land Use	Date	Group ID
BZ	490m W	Unspecified Works	1991	2240808
BZ	490m W	Unspecified Works	1966	2226121
BZ	490m W	Unspecified Commercial/Industrial	1974	2189543
BM	494m SW	Unspecified Works	1988	2283619
BM	494m SW	Unspecified Works	1974	2283619
BM	494m SW	Unspecified Works	1974	2283619
BM	494m SW	Unspecified Works	1968	2283619
BP	496m NE	Unspecified Mill	1894	2285724

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

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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 41**

ID	Location	Land Use	Date	Group ID
I	On site	Unspecified Tank	1968	388503
I	On site	Unspecified Tank	1956	386607
I	On site	Tanks	1977	376426
I	On site	Unspecified Tank	1967	388503
I	On site	Unspecified Tank	1956	386607
I	On site	Unspecified Tank	1956	386607
I	On site	Unspecified Tank	1993	402262
I	On site	Unspecified Tank	1991	402262
J	On site	Unspecified Tank	1968	391645
J	On site	Tanks	1968	397205
J	On site	Unspecified Tank	1967	390831
J	On site	Tanks	1967	395411



ID	Location	Land Use	Date	Group ID
J	On site	Tanks	1935	392923
L	On site	Gas Works	1967	408782
M	On site	Unspecified Tank	1956	406439
M	On site	Unspecified Tank	1955	391096
M	On site	Unspecified Tank	1956	406439
M	On site	Unspecified Tank	1956	400278
J	1m S	Unspecified Tank	1967	365222
M	2m E	Gas Holder	1967	379133
M	2m E	Unspecified Tank	1956	392950
M	2m E	Gasholder	1968	374572
M	2m E	Unspecified Tank	1956	382553
M	2m E	Unspecified Tank	1956	382553
E	2m E	Unspecified Tank	1935	365216
I	6m NE	Unspecified Tank	1981	405129
I	6m NE	Unspecified Tank	1987	405129
I	6m NE	Unspecified Tank	1991	405129
I	7m NE	Unspecified Tank	1977	405129
I	7m NE	Unspecified Tank	1967	405129
I	7m NE	Unspecified Tank	1956	405129
G	7m SW	Unspecified Tank	1977	407232
I	7m NE	Unspecified Tank	1968	405129
I	7m NE	Unspecified Tank	1956	405129
I	7m NE	Unspecified Tank	1956	405129
G	8m SW	Unspecified Tank	1991	407232
I	8m N	Gas Holder	1993	402333
I	8m N	Gas Holder	1991	402333
J	8m SE	Tanks	1967	404802
J	8m S	Tanks	1955	398070



ID	Location	Land Use	Date	Group ID
I	8m N	Gasholder	1968	374573
I	8m N	Unspecified Tank	1956	402217
I	8m N	Unspecified Tank	1956	402217
J	8m SE	Unspecified Tank	1968	401365
J	8m SE	Unspecified Tank	1956	401365
J	8m SE	Unspecified Tank	1956	401365
I	9m N	Gas Holder	1981	382470
I	9m N	Gas Holder	1987	382470
I	9m N	Gas Holder	1991	382470
I	10m N	Gas Holder	1977	382752
I	10m N	Gas Holder	1967	382752
I	10m N	Unspecified Tank	1956	386897
J	11m SE	Unspecified Tank	1968	400400
J	11m SE	Unspecified Tank	1956	400400
J	11m SE	Unspecified Tank	1956	400400
I	11m SW	Unspecified Tank	1935	391674
P	12m S	Unspecified Tank	1981	403507
P	12m S	Unspecified Tank	1987	403507
P	12m S	Unspecified Tank	1991	403507
P	12m S	Unspecified Tank	1991	403507
P	12m S	Unspecified Tank	1977	403507
P	12m S	Unspecified Tank	1967	403507
P	12m S	Tanks	1956	408415
P	12m S	Unspecified Tank	1968	403507
P	12m S	Unspecified Tank	1956	403507
P	12m S	Tanks	1956	408415
J	16m S	Cooling Tank	1967	408769
J	16m S	Cooling Tank	1968	408769



ID	Location	Land Use	Date	Group ID
R	17m E	Unspecified Tank	1977	381105
R	17m E	Unspecified Tank	1991	381105
A	23m W	Tanks	1968	400258
A	23m W	Tanks	1956	389397
A	23m W	Tanks	1956	389397
A	23m W	Tanks	1956	400258
A	23m W	Tanks	1967	400258
I	25m NE	Unspecified Tank	1981	393863
I	25m NE	Unspecified Tank	1987	393863
I	25m NE	Unspecified Tank	1991	393863
I	26m NE	Unspecified Tank	1991	393863
B	26m E	Tanks	1977	376438
I	26m E	Tanks	1967	406120
I	26m NE	Unspecified Tank	1977	393863
I	26m NE	Unspecified Tank	1967	393863
I	26m E	Tanks	1968	406120
I	26m NE	Unspecified Tank	1968	393863
A	27m W	Tanks	1968	405165
A	27m W	Tanks	1956	405165
A	27m W	Tanks	1956	405165
T	27m SW	Unspecified Tank	1938	365032
A	27m W	Tanks	1967	405165
A	27m W	Tanks	1956	405165
P	27m S	Unspecified Tank	1981	389552
P	27m S	Unspecified Tank	1987	389552
P	27m S	Unspecified Tank	1991	389552
P	28m S	Unspecified Tank	1991	389552
P	28m S	Unspecified Tank	1968	399420



ID	Location	Land Use	Date	Group ID
P	28m S	Unspecified Tank	1956	399420
P	28m S	Unspecified Tank	1977	397087
P	28m S	Unspecified Tank	1967	402387
P	28m S	Tanks	1956	387813
P	28m S	Tanks	1956	407803
B	28m E	Unspecified Tank	1968	403251
B	28m E	Unspecified Tank	1967	403251
B	29m E	Tanks	1977	376439
A	30m SW	Unspecified Tank	1956	396523
A	30m SW	Unspecified Tank	1956	408369
A	30m SW	Unspecified Tank	1956	410254
P	32m S	Tanks	1956	407803
P	32m S	Unspecified Tank	1967	402387
P	33m S	Unspecified Tank	1981	409561
P	33m S	Unspecified Tank	1991	409561
P	33m S	Unspecified Tank	1991	409561
B	33m NW	Unspecified Tank	1977	392723
B	33m NW	Unspecified Tank	1991	392723
E	37m SE	Tanks	1935	381918
I	38m E	Tanks	1935	376424
E	44m SE	Tanks	1956	390984
E	44m SE	Tanks	1956	390984
E	44m SE	Unspecified Tank	1968	365218
E	45m SE	Tanks	1955	390984
E	45m SE	Tanks	1967	390984
E	46m E	Unspecified Tank	1968	404720
E	46m E	Unspecified Tank	1956	404720
E	46m E	Unspecified Tank	1956	404720



ID	Location	Land Use	Date	Group ID
I	47m SW	Unspecified Tank	1968	386097
I	47m SW	Unspecified Tank	1967	386097
E	47m E	Unspecified Tank	1955	386937
E	47m E	Unspecified Tank	1967	386937
B	54m N	Tanks	1977	408203
B	55m N	Tanks	1991	408203
N	55m SE	Tanks	1955	376423
N	56m SE	Tanks	1955	388522
N	56m SE	Tanks	1955	388522
E	58m SE	Unspecified Tank	1968	365219
A	74m W	Unspecified Tank	1956	385744
A	75m NW	Tanks	1968	395247
A	75m W	Unspecified Tank	1956	385744
A	75m W	Unspecified Tank	1956	385744
A	76m NW	Tanks	1967	395247
A	77m NW	Tanks	1981	376425
A	80m W	Tanks	1981	376427
A	82m NW	Unspecified Tank	1956	383928
A	82m NW	Unspecified Tank	1956	383928
A	82m NW	Unspecified Tank	1956	383928
A	85m W	Unspecified Tank	1956	402625
A	86m W	Unspecified Tank	1956	402625
A	86m W	Unspecified Tank	1956	402625
A	87m NW	Tanks	1977	395373
A	87m NW	Tanks	1967	395373
A	92m W	Unspecified Tank	1956	400424
A	92m W	Unspecified Tank	1956	396873
A	92m W	Unspecified Tank	1956	384243



ID	Location	Land Use	Date	Group ID
A	94m NW	Tanks	1968	390736
A	95m NW	Unspecified Tank	1977	385327
A	95m NW	Tanks	1991	390919
A	96m NW	Unspecified Tank	1981	385327
A	96m NW	Tanks	1981	407255
A	96m NW	Tanks	1987	407255
A	96m NW	Tanks	1991	407255
AF	103m W	Gas Works	1968	408782
A	109m W	Unspecified Tank	1981	365030
AA	113m S	Unspecified Tank	1991	399484
AA	114m S	Unspecified Tank	1977	399484
C	115m NE	Unspecified Tank	1968	365034
A	133m NW	Tanks	1968	395579
A	134m NW	Tanks	1967	395579
N	156m E	Unspecified Tank	1969	365031
Y	189m W	Unspecified Tank	1968	405208
Y	189m W	Unspecified Tank	1977	405208
Y	189m W	Unspecified Tank	1967	405208
AI	196m NE	Unspecified Tank	1968	365033
Y	199m W	Unspecified Tank	1967	365223
AN	200m W	Gasometer	1968	373979
AN	201m W	Unspecified Tank	1977	365027
Y	205m W	Unspecified Tank	1968	365224
AN	236m W	Unspecified Tank	1956	382727
AN	236m W	Unspecified Tank	1956	382727
AN	238m W	Unspecified Tank	1956	391031
Q	239m W	Gas Works	1965	408782
AN	244m W	Tanks	1977	401342



ID	Location	Land Use	Date	Group ID
AN	246m W	Tanks	1981	401342
AN	246m W	Tanks	1987	401342
Q	258m W	Gas Works	1976	396221
AT	259m W	Tanks	1968	407556
AT	259m W	Tanks	1956	407556
AT	259m W	Tanks	1956	407556
AT	259m W	Tanks	1977	407556
AT	259m W	Tanks	1967	407556
AT	259m W	Tanks	1956	407556
AU	260m SE	Unspecified Tank	1936	409487
AU	262m SE	Unspecified Tank	1988	383941
AU	263m SE	Unspecified Tank	1996	383941
AU	263m SE	Unspecified Tank	1999	383941
AU	263m SE	Unspecified Tank	1991	383941
AU	263m SE	Unspecified Tank	1969	383941
AU	263m SE	Unspecified Tank	1955	383941
AU	264m SE	Unspecified Tank	1955	385484
AU	264m SE	Unspecified Tank	1938	401637
AT	265m W	Unspecified Tank	1968	392873
AT	265m W	Unspecified Tank	1956	392873
AT	265m W	Unspecified Tank	1956	392873
AT	266m W	Unspecified Tank	1977	392873
AT	266m W	Unspecified Tank	1967	392873
AT	266m W	Unspecified Tank	1956	392873
AR	284m SW	Unspecified Tank	1981	401172
AR	284m SW	Unspecified Tank	1991	401172
AR	285m SW	Unspecified Tank	1991	401172
AP	285m N	Unspecified Tank	1991	402203



ID	Location	Land Use	Date	Group ID
AF	285m W	Unspecified Tank	1977	365029
AP	286m N	Unspecified Tank	1976	402203
Q	290m W	Gas Works	1920	396221
Q	304m W	Gas Works	1914	396221
Q	322m W	Gas Works	1896	380498
BG	323m W	Gas Works	1967	408782
Q	323m W	Unspecified Tank	1968	409489
Q	323m W	Unspecified Tank	1967	409489
Q	328m W	Gas Works	1896	382556
Q	331m W	Tanks	1968	386092
Q	331m W	Tanks	1977	386092
Q	331m W	Tanks	1967	386092
Q	335m W	Unspecified Tank	1967	390563
Q	336m W	Unspecified Tank	1968	390563
Q	341m W	Unspecified Tank	1968	396465
Q	341m W	Unspecified Tank	1977	396465
Q	341m W	Unspecified Tank	1967	396465
Q	343m W	Unspecified Tank	1968	405066
Q	344m W	Tanks	1968	385316
Q	344m W	Tanks	1956	385316
Q	344m W	Tanks	1956	385316
Q	344m W	Unspecified Tank	1977	365028
Q	344m W	Tanks	1977	385316
Q	344m W	Unspecified Tank	1977	405066
Q	344m W	Tanks	1967	385316
Q	344m W	Unspecified Tank	1967	405066
Q	344m W	Tanks	1956	385316
AY	352m E	Tanks	1988	396995



ID	Location	Land Use	Date	Group ID
AY	353m E	Unspecified Tank	1955	380611
AY	353m E	Tanks	1996	396995
AY	353m E	Tanks	1991	396995
BI	353m SW	Tanks	1981	396075
BI	353m SW	Tanks	1991	396075
BI	353m SW	Tanks	1991	396075
AY	353m E	Unspecified Tank	1955	380611
AY	353m E	Tanks	1969	396995
BC	355m E	Unspecified Tank	1969	365139
Q	356m W	Unspecified Tank	1977	381487
Q	356m W	Unspecified Tank	1967	381487
Q	356m W	Tanks	1968	383421
Q	356m W	Tanks	1977	383421
Q	356m W	Tanks	1967	383421
AY	357m E	Tanks	1988	387246
Q	357m W	Tanks	1968	411594
Q	358m W	Tanks	1977	380959
Q	358m W	Tanks	1967	380959
AY	358m E	Tanks	1996	380911
AY	358m E	Tanks	1991	387246
AY	358m E	Tanks	1969	387246
Q	361m W	Unspecified Tank	1968	365051
Q	362m W	Tanks	1968	397108
Q	362m W	Tanks	1956	397108
Q	362m W	Tanks	1956	397108
Q	363m W	Tanks	1968	404081
Q	363m W	Unspecified Tank	1956	383942
Q	363m W	Tanks	1977	397108



ID	Location	Land Use	Date	Group ID
Q	363m W	Tanks	1967	397108
Q	363m W	Unspecified Tank	1956	383942
Q	363m W	Tanks	1956	397108
Q	363m W	Tanks	1968	386557
Q	363m W	Tanks	1956	386557
Q	363m W	Tanks	1956	386557
Q	363m W	Tanks	1977	410194
Q	363m W	Tanks	1967	410194
Q	363m W	Tanks	1956	410194
BI	368m SW	Tanks	1991	376428
Q	371m W	Unspecified Tank	1968	383514
AY	372m SE	Tanks	1988	390429
Q	372m W	Unspecified Tank	1967	383514
AY	373m SE	Tanks	1991	383813
AY	373m SE	Tanks	1969	390275
AY	373m SE	Tanks	1955	411124
AY	373m SE	Tanks	1955	411124
AY	375m E	Tanks	1988	390110
Q	376m W	Tanks	1935	376429
AY	376m E	Tanks	1969	382129
Q	378m NW	Tanks	1936	376437
Q	379m NW	Unspecified Tanks	1938	379208
BJ	380m NE	Unspecified Tank	1969	365140
AY	381m SE	Tanks	1955	403486
Q	381m W	Gasometer	1896	373978
AY	381m SE	Tanks	1955	403486
Q	383m W	Tanks	1896	376430
Q	384m W	Tanks	1968	405403



ID	Location	Land Use	Date	Group ID
Q	384m W	Tanks	1956	405403
Q	384m W	Tanks	1956	405403
Q	385m W	Tanks	1977	405403
Q	385m W	Tanks	1967	405403
Q	385m W	Tanks	1956	405403
AY	386m SE	Tanks	1955	394202
AY	387m SE	Tanks	1955	394202
Q	392m NW	Unspecified Tank	1956	389308
Q	392m NW	Unspecified Tank	1956	395775
Q	392m NW	Unspecified Tank	1956	410014
Q	400m W	Gas Holder Station	1993	395399
Q	400m W	Gas Holder Station	1991	395399
Q	400m W	Gas Holder Station	1987	409570
Q	400m W	Gas Holder Station	1991	395399
Q	400m W	Gasometer	1920	387214
Q	400m W	Gasometers	1920	407951
Q	402m W	Unspecified Tank	1938	365052
Q	403m W	Gasholder Station	1981	374608
Q	403m W	Unspecified Tank	1955	384914
Q	403m W	Gas Holder Station	1994	395399
Q	403m W	Gas Holder Station	1991	395399
Q	404m W	Unspecified Tank	1955	384914
Q	407m W	Gasometer	1968	384553
Q	407m W	Gas Holder	1994	380833
Q	407m W	Gas Holder	1991	380833
Q	407m W	Gas Holder	1993	380833
Q	407m W	Gas Holder	1991	380833
Q	407m W	Unspecified Tank	1956	401661



ID	Location	Land Use	Date	Group ID
Q	407m W	Unspecified Tank	1955	401661
Q	407m W	Unspecified Tank	1956	401661
Q	407m W	Unspecified Tank	1977	389912
Q	407m W	Gasholder	1967	374570
Q	407m W	Unspecified Tank	1956	389912
Q	407m W	Gasholder	1981	374571
Q	407m W	Unspecified Tank	1955	401661
Q	407m W	Unspecified Tank	1981	383329
Q	407m W	Gas Holder	1987	396327
Q	407m W	Gas Holder	1991	380833
Q	408m W	Gasometer	1968	400710
Q	408m W	Unspecified Tank	1955	396545
Q	408m W	Unspecified Tank	1955	401754
Q	408m W	Unspecified Tank	1955	401754
Q	408m W	Unspecified Tank	1955	396545
Q	409m NW	Gasholder Station	1993	389579
Q	409m NW	Gasholder Station	1998	387090
Q	409m W	Unspecified Tank	1955	404616
Q	409m NW	Gasholder Station	1991	389579
Q	409m W	Unspecified Tank	1955	401972
Q	409m W	Unspecified Tanks	1938	379214
Q	409m W	Unspecified Tank	1896	365024
Q	410m W	Gasometers	1896	407951
Q	412m W	Gasometer	1914	384553
Q	412m W	Unspecified Tank	1936	388518
Q	413m W	Gasometer	1914	400747
Q	413m W	Unspecified Tank	1936	385529
BD	413m NE	Tank or Trough	1872	379672



ID	Location	Land Use	Date	Group ID
Q	414m W	Gasholder	1968	403724
Q	414m W	Gas Holder	1977	395711
Q	414m W	Gas Holder	1967	408078
Q	414m W	Gasometer	1956	382983
Q	415m W	Gas Holder	1993	408078
Q	415m W	Gas Holder	1991	408078
Q	415m W	Unspecified Tank	1956	411502
Q	415m W	Unspecified Tank	1956	411502
Q	415m W	Gas Holder	1981	380519
Q	415m W	Gas Holder	1987	380518
Q	415m W	Gas Holder	1991	408078
Q	415m W	Tanks	1968	399441
Q	415m W	Tanks	1955	399441
Q	416m W	Tanks	1955	399441
AQ	416m N	Unspecified Tank	1968	365037
Q	416m W	Gasometer	1914	387214
Q	416m W	Unspecified Tank	1936	395559
Q	418m W	Unspecified Tank	1938	395559
Q	418m NW	Unspecified Tank	1959	400018
Q	419m W	Gasholder	1993	403724
Q	419m W	Gasholder	1998	411148
Q	420m W	Gasometer	1896	373970
Q	421m W	Gasometer	1976	404266
Q	421m W	Gasometer	1965	404266
Q	421m W	Unspecified Tank	1955	411502
Q	421m W	Gasholder	1981	395649
Q	421m W	Gas Holder	1994	395711
Q	421m W	Gas Holder	1991	395711



ID	Location	Land Use	Date	Group ID
Q	422m W	Unspecified Tank	1955	411502
Q	422m W	Gasometer	1896	373969
Q	428m W	Unspecified Tank	1955	365025
Q	431m W	Unspecified Tank	1960	381668
Q	431m W	Gas Holder	1972	395711
Q	431m W	Gas Works	1972	396221
Q	431m W	Gas Holder	1992	395711
Q	431m W	Gas Holder	1998	410556
Q	431m W	Gas Holder	1991	395711
Q	437m W	Tanks	1896	376432
Q	438m W	Gasometer	1972	373971
Q	438m W	Tanks	1936	386232
Q	438m W	Tanks	1914	403173
Q	447m W	Tanks	1972	376435
Q	451m W	Tanks	1936	384303
Q	451m W	Tanks	1972	376436
Q	454m W	Tanks	1968	394161
Q	454m W	Tanks	1955	394161
Q	455m W	Tanks	1955	394161
Q	455m W	Tanks	1968	389163
Q	456m W	Tanks	1955	389163
Q	456m W	Tanks	1955	389163
BO	459m W	Gas Works	1967	384675
BO	462m SW	Tanks	1968	385300
BO	462m SW	Tanks	1981	385300
BO	462m SW	Tanks	1991	385300
Q	463m W	Tanks	1936	402304
BO	463m SW	Tanks	1991	385300



ID	Location	Land Use	Date	Group ID
AQ	467m N	Tanks	1993	376441
AQ	468m N	Tanks	1983	376440
BV	468m S	Tanks	1992	409504
BV	468m S	Tanks	1991	409504
BV	468m S	Tanks	1967	409504
BV	468m S	Tanks	1968	409504
Q	472m W	Unspecified Tank	1938	388488
Q	473m W	Unspecified Tank	1936	388488
Q	479m W	Unspecified Tank	1915	365026
Q	482m W	Tanks	1936	376433
AQ	486m N	Unspecified Tank	1983	365038
BM	487m SW	Unspecified Tank	1956	384055
BM	487m SW	Unspecified Tank	1956	384055
BM	487m SW	Unspecified Tank	1956	384055
BO	489m SW	Tanks	1990	408780
BO	489m SW	Tanks	1991	407367
AQ	489m N	Unspecified Tank	1983	365036
BN	490m NW	Tanks	1991	390613
BN	490m NW	Tanks	1976	390613
BF	492m NE	Tanks	1983	387690
14	492m S	Unspecified Tank	1915	365212
BF	492m NE	Tanks	1969	387690
BF	499m NE	Unspecified Tank	1963	391247
BF	500m NE	Unspecified Tank	1964	391247
BF	500m NE	Unspecified Tank	1964	391247

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m
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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'.

Features are displayed on the Past land use - un-grouped map on **page 41**

ID	Location	Land Use	Date	Group ID
L	On site	Gas Works	1967	258899
M	2m E	Gas Holder	1967	251691
M	2m E	Gasholder	1968	249888
B	4m N	Electricity Substation	1977	269814
B	4m N	Electricity Substation	1991	269814
I	8m N	Gas Holder	1993	278511
I	8m N	Gas Holder	1991	278511
I	8m N	Gasholder	1968	249889
I	9m N	Gas Holder	1981	271243
I	9m N	Gas Holder	1987	271243
I	9m N	Gas Holder	1991	271243
O	9m S	Electricity Transformer Station	1968	275741
I	10m N	Gas Holder	1977	278511
I	10m N	Gas Holder	1967	278511
P	10m S	Electricity Substation	1977	245746
P	10m S	Electricity Transformer Station	1967	256852
X	59m W	Electricity Substation	1993	264900
X	59m W	Electricity Substation	1991	264900
X	59m W	Electricity Substation	1977	270940
X	60m W	Electricity Substation	1981	264900
X	60m W	Electricity Substation	1987	264900
X	60m W	Electricity Substation	1991	264900
B	61m NW	Electricity Substation	1977	290426



ID	Location	Land Use	Date	Group ID
B	61m NW	Electricity Substation	1991	290426
AC	83m N	Electricity Substation	1976	245738
AC	87m N	Electricity Substation	1993	260179
AC	87m N	Electricity Substation	1998	260179
AC	87m N	Electricity Substation	1991	260179
B	91m NW	Electricity Substation	1990	258171
B	92m NW	Electricity Substation	1987	270896
B	92m NW	Electricity Substation	1985	270896
B	93m NW	Electricity Substation	1998	258171
B	93m NW	Electricity Substation	1991	258171
V	94m E	Electricity Substation	1968	267022
V	94m E	Electricity Substation	1956	267022
V	94m E	Electricity Substation	1956	267022
V	96m E	Electricity Substation	1955	267022
V	96m E	Electricity Substation	1967	267022
C	99m NE	Electricity Substation	1990	288016
C	100m NE	Electricity Substation	1998	262249
C	100m NE	Electricity Substation	1991	262249
N	102m SE	Electricity Substation	1968	262138
N	102m SE	Electricity Substation	1956	262138
N	102m SE	Electricity Substation	1956	262138
B	102m E	Electricity Substation	1991	255441
N	102m SE	Electricity Substation	1977	262138
N	102m SE	Electricity Substation	1955	262138
N	102m SE	Electricity Substation	1967	262138
B	102m E	Electricity Substations	1977	250060
B	102m E	Electricity Substation	1955	256689
B	102m E	Electricity Substation	1967	256412



ID	Location	Land Use	Date	Group ID
B	102m E	Electricity Substation	1987	256622
B	102m E	Electricity Substation	1985	256623
B	102m E	Electricity Substation	1968	256413
B	102m E	Electricity Substation	1956	256691
B	102m E	Electricity Substation	1956	256690
AF	103m W	Gas Works	1968	258899
B	103m E	Electricity Substation	1998	253236
B	103m E	Electricity Substation	1991	255929
B	103m E	Electricity Substation	1990	256507
N	106m SE	Electricity Substation	1991	245736
V	109m E	Electricity Substation	1968	272960
V	109m E	Electricity Substation	1956	272960
V	109m E	Electricity Substation	1956	272960
V	109m E	Electricity Substation	1991	272960
V	109m E	Electricity Substation	1977	272960
V	109m E	Electricity Substation	1955	272960
V	109m E	Electricity Substation	1967	272960
B	110m NW	Electricity Substations	1977	250061
B	111m NW	Electricity Substation	1990	287765
B	112m NW	Electricity Substation	1987	284651
B	112m NW	Electricity Substation	1985	284651
B	112m NW	Electricity Substation	1998	284651
B	112m NW	Electricity Substation	1991	284651
AA	135m S	Electricity Substation	1991	279412
AA	136m S	Electricity Substation	1977	279412
N	137m SE	Electricity Substation	1991	272379
N	146m SE	Electricity Substation	1991	272379
N	147m SE	Electricity Substation	1988	289774



ID	Location	Land Use	Date	Group ID
AL	149m W	Electricity Substation	1993	280668
AL	149m W	Electricity Substation	1991	257519
AL	149m W	Electricity Substation	1976	257519
AN	200m W	Gasometer	1968	251461
Y	221m SW	Electricity Substation	1991	258935
Y	221m SW	Electricity Substation	1981	258935
Y	221m SW	Electricity Substation	1991	258935
AI	231m N	Electricity Substation	1968	257925
AI	239m N	Electricity Substation	1990	273578
AI	239m N	Electricity Substation	1987	273578
AI	239m N	Electricity Substation	1985	273578
Q	239m W	Gas Works	1965	258899
AI	241m N	Electricity Substation	1998	291017
AI	241m N	Electricity Substation	1991	291017
Q	258m W	Gas Works	1976	282144
AO	258m NE	Electricity Substation	1987	269704
AO	258m NE	Electricity Substation	1985	269704
AO	261m NE	Electricity Substation	1990	245739
AO	261m NE	Electricity Substation	1998	269704
AO	261m NE	Electricity Substation	1991	269704
O	261m S	Electricity Substation	1991	245748
O	261m S	Electricity Transformer Station	1967	282514
O	262m S	Electricity Transformer Station	1981	282514
O	262m S	Electricity Transformer Station	1991	282514
AO	286m N	Electricity Substation	1968	245737
Q	290m W	Gas Works	1920	282144
AP	300m N	Electricity Substation	1991	286302
AP	300m N	Electricity Substation	1976	286302



ID	Location	Land Use	Date	Group ID
AP	301m N	Electricity Substation	1993	286302
AP	301m N	Electricity Substation	1998	286302
Q	304m W	Gas Works	1914	282144
AY	316m E	Electricity Substation	1996	245735
AY	321m E	Electricity Substation	1988	273599
AY	321m E	Electricity Substation	1991	273599
AY	322m E	Electricity Substation	1969	273599
Q	322m W	Gas Works	1896	282144
BG	323m W	Gas Works	1967	258899
Q	328m W	Gas Works	1896	282144
Q	337m W	Electricity Substation	1991	255326
Q	338m W	Electricity Substation	1993	255623
Q	339m W	Electricity Substation	1976	252914
AY	362m E	Electricity Substation	1955	271196
AY	366m E	Electricity Substation	1955	271196
BJ	370m NE	Electricity Substation	1969	245734
BJ	379m NE	Electricity Substation	1983	245733
Q	381m W	Gasometer	1896	251460
Q	394m W	Electricity Substation	1977	279838
Q	394m W	Electricity Substation	1981	279838
Q	394m W	Electricity Substation	1987	279838
Q	394m W	Electricity Substation	1991	261005
Q	394m W	Electricity Substation	1993	261005
Q	394m W	Electricity Substation	1991	261005
Q	397m W	Electricity Substation	1994	261005
Q	397m W	Electricity Substation	1991	261005
Q	397m W	Electricity Substation	1981	261005
Q	400m W	Gas Holder Station	1993	271075



ID	Location	Land Use	Date	Group ID
Q	400m W	Gas Holder Station	1991	271075
Q	400m W	Gas Holder Station	1987	283921
Q	400m W	Gas Holder Station	1991	271075
Q	400m W	Gasometer	1920	276860
Q	400m W	Gasometers	1920	260503
Q	403m W	Gasholder Station	1981	251749
Q	403m W	Gas Holder Station	1994	271075
Q	403m W	Gas Holder Station	1991	271075
Q	407m W	Gasometer	1968	284200
Q	407m W	Gas Holder	1994	288967
Q	407m W	Gas Holder	1991	288967
Q	407m W	Gas Holder	1993	288967
Q	407m W	Gas Holder	1991	288967
Q	407m W	Gasholder	1967	249886
Q	407m W	Gasholder	1981	249887
Q	407m W	Gas Holder	1987	289674
Q	407m W	Gas Holder	1991	288967
Q	408m W	Gasometer	1968	269695
Q	409m NW	Gasholder Station	1993	272932
Q	409m NW	Gasholder Station	1998	285989
Q	409m NW	Gasholder Station	1991	272932
Q	410m W	Gasometers	1896	260503
Q	412m W	Gasometer	1914	284200
AY	412m SE	Electricity Substation	1996	265600
AY	412m SE	Electricity Substation	1999	265600
Q	413m W	Gasometer	1914	269695
Q	414m W	Gasholder	1968	286565
Q	414m W	Gas Holder	1977	256739



ID	Location	Land Use	Date	Group ID
Q	414m W	Gas Holder	1967	256871
Q	414m W	Gasometer	1956	257109
Q	415m W	Gas Holder	1993	286678
Q	415m W	Gas Holder	1991	286678
Q	415m W	Gas Holder	1981	256721
Q	415m W	Gas Holder	1987	256720
Q	415m W	Gas Holder	1991	286678
Q	416m W	Gasometer	1914	276860
Q	419m W	Gasholder	1993	280148
Q	419m W	Gasholder	1998	280148
Q	420m W	Gasometer	1896	251452
Q	421m W	Gasometer	1976	257286
Q	421m W	Gasometer	1965	257286
BO	421m SW	Electricity Substation	1981	263302
BO	421m SW	Electricity Substation	1991	263302
Q	421m W	Gasholder	1981	291031
Q	421m W	Gas Holder	1994	256888
Q	421m W	Gas Holder	1991	256890
BO	421m SW	Electricity Substation	1991	263302
Q	422m W	Gasometer	1896	251451
Q	431m W	Gas Holder	1972	256738
Q	431m W	Gas Works	1972	282144
Q	431m W	Gas Holder	1992	256889
Q	431m W	Gas Holder	1998	292610
Q	431m W	Gas Holder	1991	256891
Q	438m W	Gasometer	1972	251453
BO	459m W	Gas Works	1967	252537
BF	462m NE	Electricity Substation	1990	288883



ID	Location	Land Use	Date	Group ID
BF	462m NE	Electricity Substation	1990	288883
BF	462m NE	Electricity Substation	1991	288883
BF	462m NE	Electricity Substation	1998	288883
BF	462m NE	Electricity Substation	1997	288883
BF	462m NE	Electricity Substation	1991	288883
BF	462m NE	Electricity Substation	1991	288883
AQ	480m NE	Electricity Substation	1983	287956
AQ	481m NE	Electricity Substation	1991	287956
BT	485m E	Electricity Substation	1996	287244
BT	485m E	Electricity Substation	1999	287244
BT	485m E	Electricity Substation	1991	287244
BT	486m E	Electricity Substation	1988	287244
BT	490m E	Electricity Substation	1985	287244
BT	490m E	Electricity Substation	1996	253438
BT	490m E	Electricity Substation	1998	254542
BT	490m E	Electricity Substation	1992	256505
BY	490m NE	Electricity Substation	1969	245770
BT	490m E	Electricity Substation	1986	253652
BT	491m E	Electricity Substation	1991	256506
BY	496m NE	Electricity Substation	1983	245769
BY	500m NE	Electricity Substation	1991	291383
BY	500m NE	Electricity Substation	1991	291383

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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'.



This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

14

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'.

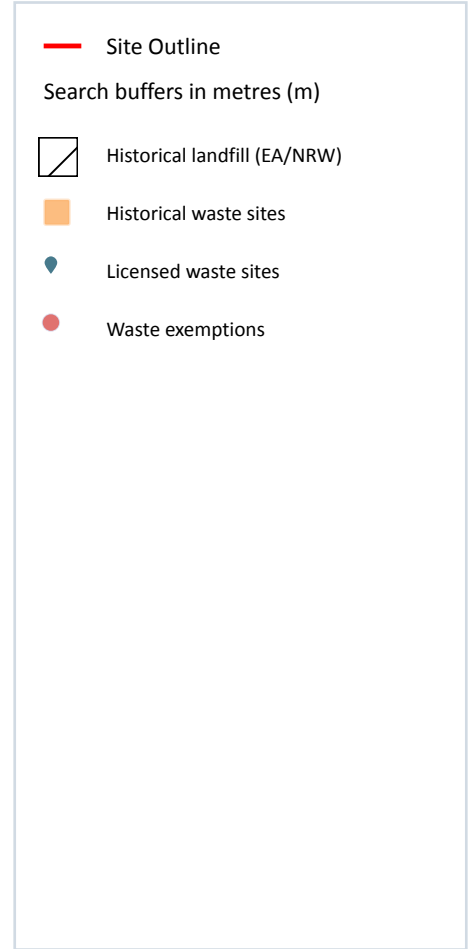
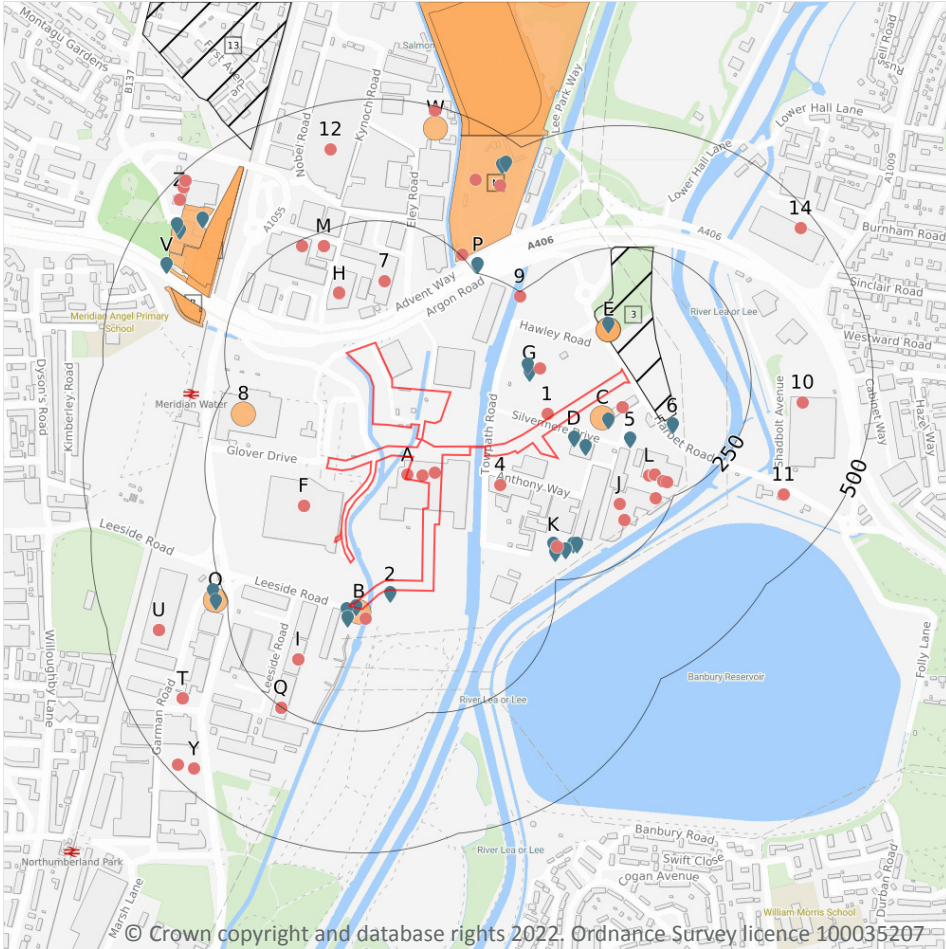
Features are displayed on the Past land use - un-grouped map on **page 41**

ID	Location	Land Use	Date	Group ID
BR	438m E	Garage	1963	76845
BR	446m E	Garage	1983	82082
BR	448m E	Garage	1964	84317
BR	448m E	Garage	1969	84317
BR	448m E	Garage	1964	84317
BF	459m NE	Garage	1990	82514
BF	459m NE	Garage	1990	82514
BF	459m NE	Garage	1991	82514
BF	459m NE	Garage	1997	81565
BF	459m NE	Garage	1998	81565
BF	459m NE	Garage	1991	83136
BF	459m NE	Garage	1991	83136
BR	484m E	Garage	1977	79910
BR	485m E	Garage	1987	82082

This data is sourced from Ordnance Survey / Groundsure.



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.

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

2

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.

Features are displayed on the Waste and landfill map on **page 86**

ID	Location	Details		
3	11m NE	Site Address: Lee Valley Trading Estate, Lee Valle Licence Holder Address: -	Waste Licence: - Site Reference: 8WF003, WAL003 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: - Last Recorded: -
13	461m NW	Site Address: Montagu Road, Lower, Edmonton, Edmonton, Enfield, London Licence Holder Address: -	Waste Licence: - Site Reference: 8EN016 Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1896 Last Recorded: 31/12/1953

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

3.5 Historical waste sites

Records within 500m

20

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 86**



ID	Location	Address	Further Details	Date
B	On site	Site Address: Leaside Road, Leaside Road, LONDON, Central London, N17 0	Type of Site: Waste Transfer Station Planning application reference: 98/054796 Description: Project comprises the conversion of builders yard to a waste transfer station including the erection of a building of 420 sqm. Project comprises the conversion of builders yard to a waste transfer station including the erection of a building of 420 sqm. Detailed plans submitted. An application (ref: 98/054796) for Detailed Planning permission was submitted to Haringey L.B. on 14th May 1998. Data source: Historic Planning Application Data Type: Point	-
C	11m SE	Site Address: Unit 7, Stonehill Business Park, Harbet Road, London, Central London, N18 3QL	Type of Site: Waste Transfer Station Planning application reference: TP/11/1644 Description: Scheme comprises change of use of storage building and part of yard as a waste transfer station and recycling facility. Data source: Historic Planning Application Data Type: Point	28/03/2013
E	60m N	Site Address: 6 The Yard, Stonehill Business Park, Angel Road, LONDON, Central London, N18 3Q	Type of Site: Waste Transfer Station(Conversion) Planning application reference: 00/00403 Description: Change of use of part of yard as waste transfer station Data source: Historic Planning Application Data Type: Point	-
E	61m N	Site Address: 2 Harbet Road, LONDON, Central London, N18 3HQ	Type of Site: Waste Transfer Stations Planning application reference: TP/08/0639 Description: Scheme comprises use of part of site for a waste transfer and recycling depot (revised scheme). An application (ref: TP/08/0639) for detailed planning permission was submitted to Enfield L.B. Data source: Historic Planning Application Data Type: Point	-
E	61m N	Site Address: 2 Harbet Road, LONDON, Central London, N18 3HQ	Type of Site: Waste Transfer Depot Planning application reference: TP/07/2272 Description: Scheme comprises use of part of site for a waste transfer and recycling depot. An application (ref: TP/07/2272) for detailed planning permission was refused by Enfield L.B. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
8	171m NW	Site Address: Tesco Store, 1 Glover Drive, LONDON, Central London, N18 3HF	Type of Site: Torma Recycling Unit Planning application reference: TP/07/1632 Description: Scheme comprises replacement of recycling units with torma recycling unit. An application (ref: TP/07/1632) for detailed planning permission was granted by Enfield L.B. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-
N	233m NE	Site Address: N/A	Type of Site: Refuse Incineration Plant Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1974
O	247m SW	Site Address: Garman Road, LONDON, Central London, N17 OUR	Type of Site: Waste Transfer Station Planning application reference: 50601 Description: Scheme comprises construction of a new waste transfer station facility with the provision of a new building for the transfer, sorting and compaction of waste materials. Works will include construction of a waste compactor machine together with the provision of ancillary office space and temporary office building. Construction - 10m high brick walls and metal cladding pitched roof with metal sheeting. We have been advised that the scheme is currently in abeyance, programmed to commence in the 2003/2004 financial year. Tender details remain to be finalised. We have been advised that the scheme is currently in abeyance, programmed to commence in the 2003/2004 financial year. Data source: Historic Planning Application Data Type: Point	-
R	299m 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	1975
S	302m 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	1975



ID	Location	Address	Further Details	Date
S	306m 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	1993
R	307m 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	1993
R	307m 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	1975
S	310m 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	1998
S	369m NW	Site Address: N/A	Type of Site: Scrap Metals Depot Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1964
W	431m N	Site Address: Eley Trading Estate, Unit 21, Edmonton, LONDON, Central London, N18 3BH	Type of Site: Recycling Centre Planning application reference: LDC/03/0194 Description: Scheme comprises use of site for recovery and recycling materials. An application (ref: LDC/03/0194) for Detailed Planning permission was submitted to Enfield L.B. on 18th June 2003. Data source: Historic Planning Application Data Type: Point	-
X	459m NE	Site Address: N/A	Type of Site: Refuse Incineration Plant Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1993
X	459m N	Site Address: N/A	Type of Site: Refuse Incineration Plant Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991



ID	Location	Address	Further Details	Date
X	460m N	Site Address: N/A	Type of Site: Refuse Incineration Plant Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1983
X	466m NE	Site Address: N/A	Type of Site: Refuse Incineration Plant Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1974

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

3.6 Licensed waste sites

Records within 500m	35
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Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 86**

ID	Location	Details		
B	On site	Site Name: Deery Construction, Tottenham Site Address: Kevin Deery, Leaside Road, Tottenham, London, N17 0SH Correspondence Address: Deery Construction Limited, Leaside Road, Tottenham, London, N17 0SH	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DEE001 EPR reference: - Operator: Deery Construction Ltd Waste Management licence No: 80293 Annual Tonnage: 0	Issue Date: 19/05/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	On site	Site Name: End Of Leaside Road, N17 Site Address: Kevin Deery, Leaside Road, Tottenham, London, N17 0SH Correspondence Address: Deery Construction Limited, Narrow Quay House, Narrow Quay, Bristol, BS1 4AH	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VHE001 EPR reference: - Operator: VHE Construction Plc Waste Management licence No: 80293 Annual Tonnage: 0	Issue Date: 19/05/1993 Effective Date: 08/08/2003 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred



ID	Location	Details		
2	9m S	Site Name: End Of Leaside Road, N17 Site Address: Kevin Deery, Leaside Road, Tottenham, London, N17 0SH Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: VHE001 EPR reference: EA/EPR/NP3291NJ/S003 Operator: V H E Construction Plc Waste Management licence No: 80293 Annual Tonnage: 145524	Issue Date: 19/05/1993 Effective Date: 08/08/2003 Modified: - Surrendered Date: Sep 13 2005 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
B	12m SW	Site Name: London Restoration, Leaside Road Site Address: David Owen, Leaside Road, Tottenham, London, N17 Correspondence Address: London Restoration(Civil Engineering)Ltd, First Floor, 144-146, East Barnet Road, New Barnet, Herts, EN4 8RD	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON003 EPR reference: - Operator: London Restoration (Civil Engineering) Ltd Waste Management licence No: 80306 Annual Tonnage: 0	Issue Date: 22/09/1992 Effective Date: - Modified: 15/02/1994 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
B	26m S	Site Name: London Restoration, Leaside Road Site Address: David Owen, Leaside Road, Tottenham, London, N17 Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON003 EPR reference: EA/EPR/EP3791NQ/S004 Operator: London Restoration (Civil Engineering) Ltd Waste Management licence No: 80306 Annual Tonnage: 0	Issue Date: 22/09/1992 Effective Date: - Modified: 15/02/1994 Surrendered Date: Feb 7 2008 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
B	26m S	Site Name: London Restoration, Leaside Road Site Address: David Owen, Leaside Road, Tottenham, London, N17 Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON003 EPR reference: EA/EPR/EP3791NQ/S004 Operator: London Restoration (Civil Engineering) Ltd Waste Management licence No: 80306 Annual Tonnage: 0	Issue Date: 22/09/1992 Effective Date: - Modified: 15/02/1994 Surrendered Date: Feb 7 2008 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
D	39m SE	Site Name: Plasterboard Recycling Edmonton Site Address: Units 3a & 3b Stonehill Bus Park, Harbet Road, Edmonton, London, N18 3HT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PLA002 EPR reference: EA/EPR/QP3497NW/A001 Operator: Plasterboard Recycling Uk Ltd (in Liquidation) Waste Management licence No: 80717 Annual Tonnage: 24999	Issue Date: 08/11/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	47m SE	Site Name: Stonehill Park Site Address: Stonehill Business Park, Angel Road, Edmonton, London, N18 3LD Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ODO003 EPR reference: EA/EPR/TP3497ND/S002 Operator: O'Doherty James Waste Management licence No: 80533 Annual Tonnage: 24999	Issue Date: 30/03/2001 Effective Date: - Modified: - Surrendered Date: Mar 29 2006 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
D	60m E	Site Name: Plasterboard Recycling Ltd Site Address: Units 3a & 3b Stonehill Bus Park, Harbet Road, Edmonton, London, N18 3HT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PLA002 EPR reference: EA/EPR/QP3497NW/A001 Operator: Plasterboard Recycling UK Ltd (in Liquidation) Waste Management licence No: 80717 Annual Tonnage: 24999	Issue Date: 08/11/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
E	95m N	Site Name: The Market Compound Site Address: The Market Compound, 2, Harbet Road, Edmonton, London, N18 3HQ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BUD004 EPR reference: EA/EPR/EP3391SD/A001 Operator: Budd Skips Ltd Waste Management licence No: 101097 Annual Tonnage: 10000	Issue Date: 06/01/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
G	98m NW	Site Name: E L V, Stonehill Business Park Site Address: 8a, Hawley Road, Stonehill Business Park, London, N18 3QU Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELV002 EPR reference: EA/EPR/LP3893EL/A001 Operator: E L V Ltd Waste Management licence No: 80762 Annual Tonnage: 24999	Issue Date: 22/01/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked



ID	Location	Details		
5	104m SE	Site Name: Yard 10 - 12 Hastingwood Trading Est Site Address: Yard 10 -12 Hastingwood Trading Est, Harbet Road, Edmonston, London, N18 3HR Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON034 EPR reference: EA/EPR/AP3098LW/A001 Operator: London Waste Recycling Ltd Waste Management licence No: 100468 Annual Tonnage: 24999	Issue Date: 09/10/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	112m NW	Site Name: Edmonton Facility Site Address: Unit 8a Stonehill Business Park, Hawley Road, Edmonton, London, N18 3QU Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV983 EPR reference: EA/EPR/EB3339DF/S003 Operator: Environcom England Ltd Waste Management licence No: 103771 Annual Tonnage: 0	Issue Date: 19/03/2012 Effective Date: - Modified: 06/01/2014 Surrendered Date: May 25 2017 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
6	125m SE	Site Name: Yard 10 - 12 Hastingwood Trading Est Site Address: Yard 10 -12 Hastingwood Trading Est, Harbet Road, Edmonston, London, N18 3HQ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON034 EPR reference: EA/EPR/AP3098LW/V003 Operator: A & A Skip Hire Limited Waste Management licence No: 100468 Annual Tonnage: 24999	Issue Date: 09/10/2008 Effective Date: - Modified: 27/03/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
K	178m S	Site Name: Environmental Tyre Disposals Limited Site Address: Julian Hanley, Edmonton Wharf, Lea Valley Trading Estate, Edmonton, London, N18 Correspondence Address: Environmental Tyre Disposals Limited, Phoenix Wharf, Stonehill Business Park, Angel Road, Edmonton, London, N18 3LD	Type of Site: Transfer Station taking Non-Biodegradable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV001 EPR reference: - Operator: Environmental Tyre Disposals Limited Waste Management licence No: 80312 Annual Tonnage: 0	Issue Date: 15/11/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
K	178m S	Site Name: Environmental Tyre Disposals Ltd Site Address: Julian Hanley, Phoenix Wharf, Stonehill Business Park, Angel Road, Edmonton, London, N18 3LD Correspondence Address: -	Type of Site: Transfer Station taking Non-Biodegradable Wastes Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV001 EPR reference: EA/EPR/VP3491NH/A001 Operator: Environmental Tyre Disposals Ltd Waste Management licence No: 80312 Annual Tonnage: 24999	Issue Date: 15/11/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
K	181m S	Site Name: Phoenix Wharf Site Address: Phoenix Wharf, Stonehill Business Park, Edmonton, London, N18 3LD Correspondence Address: Phoenix Wharf, Stonehill Business Park, Edmonton, London, N18 3LD	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV005 EPR reference: - Operator: Environmental Tyre Disposals Limited Waste Management licence No: 80574 Annual Tonnage: 62000	Issue Date: 15/07/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
K	182m S	Site Name: L & M Skips Recycling Facility Site Address: Phoenix Wharf, Towpath Road, London, N18 3QX Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LMS001 EPR reference: EA/EPR/JB3632RJ/A001 Operator: L & M Skips Ltd Waste Management licence No: 104500 Annual Tonnage: 4999	Issue Date: 13/09/2012 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
K	190m S	Site Name: London & Metropolitan Recycling Facility Site Address: Phoenix Wharf, Towpath Road, London, N18 3QX Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LMS001 EPR reference: EA/EPR/JB3632RJ/V002 Operator: London & Metropolitan Recycling Limited Waste Management licence No: 104500 Annual Tonnage: 3500	Issue Date: 13/09/2012 Effective Date: - Modified: 21/05/2014 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Modified
K	190m S	Site Name: London & Metropolitan Recycling Ltd Site Address: Phoenix Wharf, Towpath Road, London, N18 3QX Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUN003 EPR reference: EA/EPR/FB3000US/T001 Operator: Hunsdon Skip Hire Ltd Waste Management licence No: 104500 Annual Tonnage: 3499	Issue Date: 13/09/2012 Effective Date: 06/04/2017 Modified: 21/05/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked



ID	Location	Details		
K	190m S	Site Name: London & Metropolitan Recycling Ltd Site Address: Phoenix Wharf, Towpath Road, London, N18 3QX Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HUN003 EPR reference: EA/EPR/FB3000US/T001 Operator: Hunsdon Skip Hire Ltd Waste Management licence No: 104500 Annual Tonnage: 3499	Issue Date: 13/09/2012 Effective Date: 06/04/2017 Modified: 21/05/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
K	195m S	Site Name: Environmental Tyre Disposals Ltd Site Address: Phoenix Wharf, Stonehill Business Park, Edmonton, London, N18 3QX Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ENV005 EPR reference: EA/EPR/CP3597NU/A001 Operator: Environmental Tyre Disposals Ltd Waste Management licence No: 80574 Annual Tonnage: 62000	Issue Date: 15/07/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
P	262m NE	Site Name: LondonWaste, Advent Way RDF Site Address: Nigel Young, LondonWaste Ltd, Angel Road, Edmonton, London, N18 3AG Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON007 EPR reference: EA/EPR/RP3991NV/S002 Operator: LondonWaste Ltd Waste Management licence No: 80340 Annual Tonnage: 75000	Issue Date: 19/10/1993 Effective Date: - Modified: - Surrendered Date: May 11 2000 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered



ID	Location	Details		
P	262m NE	Site Name: LondonWaste, Advent Way RDF Site Address: Nigel Young, LondonWaste Ltd, Angel Road, Edmonton, London, N18 3AG Correspondence Address: -	Type of Site: Material Recycling Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LON007 EPR reference: EA/EPR/RP3991NV/S002 Operator: LondonWaste Ltd Waste Management licence No: 80340 Annual Tonnage: 75000	Issue Date: 19/10/1993 Effective Date: - Modified: - Surrendered Date: May 11 2000 12:00AM Expiry Date: - Cancelled Date: - Status: Surrendered
O	271m W	Site Name: Hales Waste, Garman Road Site Address: P Quinn, 81, Garman Road, Tottenham, London, N17 Correspondence Address: Hales Waste Control Limited, 81, Garman Road, Tottenham, London, N17	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAL003 EPR reference: - Operator: Hales Waste Control Ltd Waste Management licence No: 80300 Annual Tonnage: 0	Issue Date: 22/09/1992 Effective Date: - Modified: 05/08/1999 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
O	273m SW	Site Name: Garman Road Site Address: P Quinn, 81, Garman Road, Tottenham, London, N17 OUN Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BIF002 EPR reference: EA/EPR/EP3591NR/V004 Operator: Biffa Waste Services Ltd Waste Management licence No: 80300 Annual Tonnage: 86925	Issue Date: 22/09/1992 Effective Date: 18/12/2003 Modified: 31/03/2008 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
S	403m NW	Site Name: Albert Works Site Address: Chris Pelosi, Albert Works, Kenninghall Road, Edmonton, London, N18 2PD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EUR013 EPR reference: EA/EPR/HB3604TQ/T001 Operator: European Metal Recycling Limited Waste Management licence No: 80298 Annual Tonnage: 280000	Issue Date: 02/06/1992 Effective Date: 21/08/2019 Modified: 29/01/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
S	403m NW	Site Name: Albert Works Site Address: Chris Pelosi, Albert Works, Kenninghall Road, Edmonton, London, N18 2PD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GDM001 EPR reference: EA/EPR/EP3091NT/V006 Operator: Metal & Waste Recycling Limited Waste Management licence No: 80298 Annual Tonnage: 280000	Issue Date: 02/06/1992 Effective Date: - Modified: 29/01/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
V	411m NW	Site Name: G D Metal Recycling, Edmonton Site Address: Chris Pelosi, Albert Works, Kenninghall Road, Edmonton, London, N18 2ED Correspondence Address: GD Metal Recycling Limited, Albert Works, Kenninghall Road, Edmonton, London, N18 2PD	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GDM001 EPR reference: - Operator: GD Metal Recycling Ltd Waste Management licence No: 80298 Annual Tonnage: 0	Issue Date: 02/06/1992 Effective Date: - Modified: 19/01/1993 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
V	411m NW	Site Name: Albert Works Site Address: Chris Pelosi, Albert Works, Kenninghall Road, Edmonton, London, N18 2PD Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GDM001 EPR reference: EA/EPR/EP3091NT/V005 Operator: Metal & Waste Recycling Group Ltd Waste Management licence No: 80298 Annual Tonnage: 349000	Issue Date: 02/06/1992 Effective Date: - Modified: 26/08/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
S	424m NW	Site Name: E L V Limited Site Address: Unit 1, New Park Estate, Edmonton, London, N18 2PD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LTR001 EPR reference: EA/EPR/DP3596ST/V003 Operator: London Tyre Recycling Ltd Waste Management licence No: 80631 Annual Tonnage: 12500	Issue Date: 28/01/2005 Effective Date: 20/12/2007 Modified: 02/06/2008 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
S	436m NW	Site Name: E L V Limited Site Address: Unit 1, New Park Estate, Edmonton, London, N18 2PD Correspondence Address: 421, Hertford Road, Enfield, Middlesex, EN3 5PT	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELV001 EPR reference: - Operator: E L V Limited Waste Management licence No: 80631 Annual Tonnage: 12500	Issue Date: 28/01/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
S	436m NW	Site Name: E L V Limited Site Address: Unit 1, New Park Estate, Edmonton, London, N18 2PD Correspondence Address: Mr Garry Baker, 421, Hertford Road, Enfield, Middlesex, EN3 5PT	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ELV001 EPR reference: - Operator: E L V Ltd Waste Management licence No: 80631 Annual Tonnage: 12500	Issue Date: 28/01/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
N	446m NE	Site Name: Edmonton Ecopark Site Address: Edmonton Ecopark, Advent Way, London, N18 3AG Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR478 EPR reference: EA/EPR/UP3232AC/V002 Operator: North London Waste Authority Waste Management licence No: 402436 Annual Tonnage: 950100	Issue Date: 16/06/2017 Effective Date: - Modified: 13/05/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
N	453m NE	Site Name: Edmonton Ecopark Site Address: Edmonton Ecopark, Advent Way, London, N18 3AG Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: NOR478 EPR reference: EA/EPR/UP3232AC/V002 Operator: North London Waste Authority Waste Management licence No: 402436 Annual Tonnage: 950100	Issue Date: 16/06/2017 Effective Date: - Modified: 13/05/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

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

3.7 Waste exemptions

Records within 500m	81
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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 86**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	Site 1 Orbital Business Park, 5 Argon Road, London, N18 3BY	EA/EPR/VP38 80XB/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
A	On site	Unit 4a, Orbital Business Park, 5 Argon Road, Edmonton, London, N18 3BY	EA/EPR/VP38 82HZ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE



ID	Location	Site	Reference	Category	Sub-Category	Description
A	On site	Unit 4 Orbital Business Park 5 Argon Road LONDON N18 3BY	EPR/FF0307SB /A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of textiles
1	9m NW	Silvermere Drive Unit 15c Stonehill Business Park LONDON N18 3QH	EPR/NF0508K G/A001	Treating waste exemption	Non-Agricultural Waste Only	Physical treatment of waste edible oil and fat to produce biodiesel
B	21m S	-	WEX259952	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	40m SE	-	WEX269714	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	40m SE	-	WEX269714	Treating waste exemption	Not on a farm	Recovery of scrap metal
C	40m SE	-	WEX269714	Storing waste exemption	Not on a farm	Storage of waste in a secure place
4	61m S	-	WEX263602	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
F	83m W	VolkerFitzpatrick LTD Yard, Angel Edmonton Road, Edmonton, N18 3HF	WEX146182	Treating waste exemption	Not on a farm	Treatment of waste aerosol cans
F	83m W	Volker Fitzpatrick Site, Angel Edmonton Road, London, N18 3HF	WEX114021	Using waste exemption	Not on a farm	Use of waste in construction
G	95m NW	Hawley Road Unit 8 Stonehill Business Park LONDON N18 3QU	EPR/NE5482W V/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
H	119m N	8, ADVENT WAY, LONDON, N18 3AF	WEX139615	Treating waste exemption	Not on a farm	Recovery of scrap metal
H	119m N	8, ADVENT WAY, LONDON, N18 3AF	WEX139615	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	119m N	8, ADVENT WAY, LONDON, N18 3AF	WEX139615	Storing waste exemption	Not on a farm	Storage of waste in secure containers
H	120m N	8 Advent Way Edmonton London N18 3AF	EPR/HE5787C X/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
7	127m N	UNIT 19E, ELEY ROAD, LONDON, N18 3BB	WEX222973	Storing waste exemption	Not on a farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
I	153m SW	Mowlem Trading Estate Unit 11 Leaside Road LONDON N17 0QJ	EPR/CF0505T Q/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in secure containers
I	153m SW	Mowlem Trading Estate Unit 11 Leaside Road LONDON N17 0QJ	EPR/CF0505T Q/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
I	153m SW	Mowlem Trading Estate Unit 11 Leaside Road LONDON N17 0QJ	EPR/CF0505T Q/A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
I	153m SW	Unit 22 Mowlem Trading Estate Leaside Road London N17 0QJ	EPR/LF0333CH /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
I	153m SW	Unit 22 Mowlem Trading Estate Leaside Road London N17 0QJ	EPR/LF0333CH /A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
I	153m SW	Mowlem Trading Estate Unit 11 Leaside Road LONDON N17 0QJ	EPR/SF0633CQ /A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
I	153m SW	Mowlem Trading Estate Unit 11 Leaside Road LONDON N17 0QJ	EPR/SF0633CQ /A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
J	157m SE	Unit F4-F7 Hastingwood Trading Estate 35 Harbet Road LONDON N18 3HU	EPR/MH0279S Y/A001	Using waste exemption	Non- Agricultural Waste Only	Burning of waste as a fuel in a small appliance
K	184m S	Pheonis Wharfe Unit 1B Towpath Road N18 3QX	EPR/BE5343N E/A001	Storing waste exemption	Non- Agricultural Waste Only	Storage of waste in a secure place
K	184m S	Pheonis Wharfe Unit 1B Towpath Road N18 3QX	EPR/BE5343N E/A001	Treating waste exemption	Non- Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
J	188m SE	HASTINGWOOD TRADING ESTATE, UNIT D6-D9, 35, HARBET ROAD, LONDON, N18 3HT	WEX170285	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
J	188m SE	HASTINGWOOD TRADING ESTATE, UNIT D6-D9, 35, HARBET ROAD, LONDON, N18 3HT	WEX009731	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance



ID	Location	Site	Reference	Category	Sub-Category	Description
L	188m SE	Hastingwood Trading Estate 35 Harbet Road LONDON N18 3HT	EPR/ZF0903TS /A001	Disposing of waste exemption	Non-Agricultural Waste Only	Disposal by incineration
L	192m SE	HASTINGWOOD TRADING ESTATE, UNIT A8, 35, HARBET ROAD, LONDON, N18 3HT	WEX092776	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	192m SE	HASTINGWOOD TRADING ESTATE, UNIT A8, 35, HARBET ROAD, LONDON, N18 3HT	WEX092776	Treating waste exemption	Not on a farm	Physical treatment of waste edible oil and fat to produce biodiesel
L	192m SE	HASTINGWOOD TRADING ESTATE, UNIT A8, 35, HARBET ROAD, LONDON, N18 3HT	WEX092776	Using waste exemption	Not on a farm	Use of waste derived biodiesel as fuel
L	192m SE	HASTINGWOOD TRADING ESTATE, UNIT A8, 35, HARBET ROAD, LONDON, N18 3HT	WEX092776	Disposing of waste exemption	Not on a farm	Disposal by incineration
L	192m SE	HASTINGWOOD TRADING ESTATE, UNIT A8, 35, HARBET ROAD, LONDON, N18 3HT	WEX092776	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	213m SE	HASTINGWOOD TRADING ESTATE, UNIT A30, 35, HARBET ROAD, LONDON, N18 3HT	WEX285980	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	213m SE	HASTINGWOOD TRADING ESTATE, UNIT A30, 35, HARBET ROAD, LONDON, N18 3HT	WEX285980	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	213m SE	HASTINGWOOD TRADING ESTATE, UNIT A30, 35, HARBET ROAD, LONDON, N18 3HT	WEX147941	Storing waste exemption	Not on a farm	Storage of waste in secure containers
L	213m SE	HASTINGWOOD TRADING ESTATE, UNIT A30, 35, HARBET ROAD, LONDON, N18 3HT	WEX147941	Storing waste exemption	Not on a farm	Storage of waste in a secure place
L	217m SE	-	WEX269100	Disposing of waste exemption	Not on a farm	Disposal by incineration



ID	Location	Site	Reference	Category	Sub-Category	Description
L	218m S	HASTINGWOOD TRADING ESTATE, 35, HARBET ROAD, LONDON, N18 3HT	WEX130659	Disposing of waste exemption	Not on a farm	Disposal by incineration
M	221m N	london scrap metal recycling, unit d1, angel road works, edmonton, N183AH	WEX255757	Storing waste exemption	Not on a farm	Storage of waste in a secure place
M	221m N	LONDON SCRAP METAL RECYCLING LIMITED, Unit D1, Angel Road Works, London N18 3AH, N18 3AH	WEX257961	Treating waste exemption	Not on a farm	Recovery of scrap metal
M	238m NW	UNIT D1, ANGEL ROAD WORKS, LONDON, N183AH	WEX118118	Treating waste exemption	Not on a farm	Recovery of scrap metal
9	241m NE	-	WEX229557	Using waste exemption	Not on a farm	Use of waste in construction
P	252m NE	-	WEX156305	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
Q	253m SW	-	WEX269805	Storing waste exemption	Not on a farm	Storage of waste in a secure place
Q	253m SW	-	WEX269805	Storing waste exemption	Not on a farm	Storage of waste in secure containers
Q	253m SW	-	WEX273565	Storing waste exemption	Not on a farm	Storage of waste in secure containers
Q	253m SW	-	WEX273565	Storing waste exemption	Not on a farm	Storage of waste in a secure place
Q	253m SW	UNIT 1-4, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX279840	Using waste exemption	Not on a farm	Use of sludge for the purposes of re-seeding a waste water treatment plant
Q	253m SW	UNIT 1-4, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX279840	Treating waste exemption	Not on a farm	Recovery of textiles
Q	253m SW	UNIT 1-4, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX279840	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
Q	253m SW	UNIT 1-4, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX279840	Disposing of waste exemption	Not on a farm	Disposal by incineration



ID	Location	Site	Reference	Category	Sub-Category	Description
Q	253m SW	UNIT 1-4, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX279840	Storing waste exemption	Not on a farm	Storage of waste in a secure place
Q	253m SW	UNIT 22, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX132696	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
Q	253m SW	UNIT 22, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX132696	Storing waste exemption	Not on a farm	Storage of waste in a secure place
Q	253m SW	UNIT 22, MOWLEM TRADING ESTATE, LEESIDE ROAD, LONDON, N17 0QJ	WEX132696	Storing waste exemption	Not on a farm	Storage of waste in secure containers
10	357m E	2, SHADBOLT AVENUE, LONDON, E4 8PZ	WEX246380	Storing waste exemption	Not on a farm	Storage of waste in a secure place
11	391m SE	Costain Site Compound, Harbert Road, London, E4 8QB	WEX283013	Using waste exemption	Not on a farm	Use of waste in construction
N	392m NE	-	WEX262580	Using waste exemption	Not on a farm	Use of waste in construction
T	392m SW	-	WEX218247	Using waste exemption	Not on a farm	Use of waste in construction
T	392m SW	-	WEX218247	Treating waste exemption	Not on a farm	Screening and blending of waste
T	392m SW	-	WEX218247	Storing waste exemption	Not on a farm	Storage of waste in secure containers
T	392m SW	-	WEX218247	Storing waste exemption	Not on a farm	Storage of waste in a secure place
U	395m W	Marlborough Highways Ltd 62 GARMAN ROAD TOTTHENHAM N17 0UT	WEX261336	Using waste exemption	Not on a farm	Use of waste in construction
U	395m W	Marlborough Highways Ltd 62 GARMAN ROAD TOTTHENHAM N17 0UT	WEX261336	Treating waste exemption	Not on a farm	Screening and blending of waste



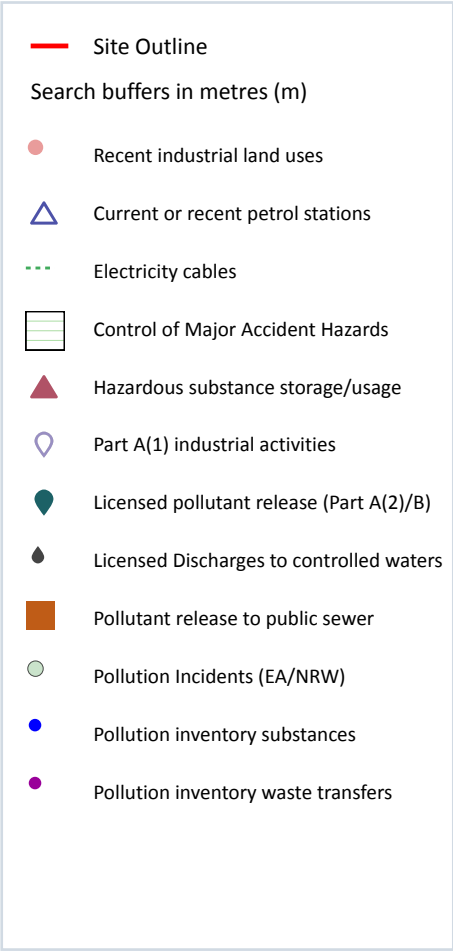
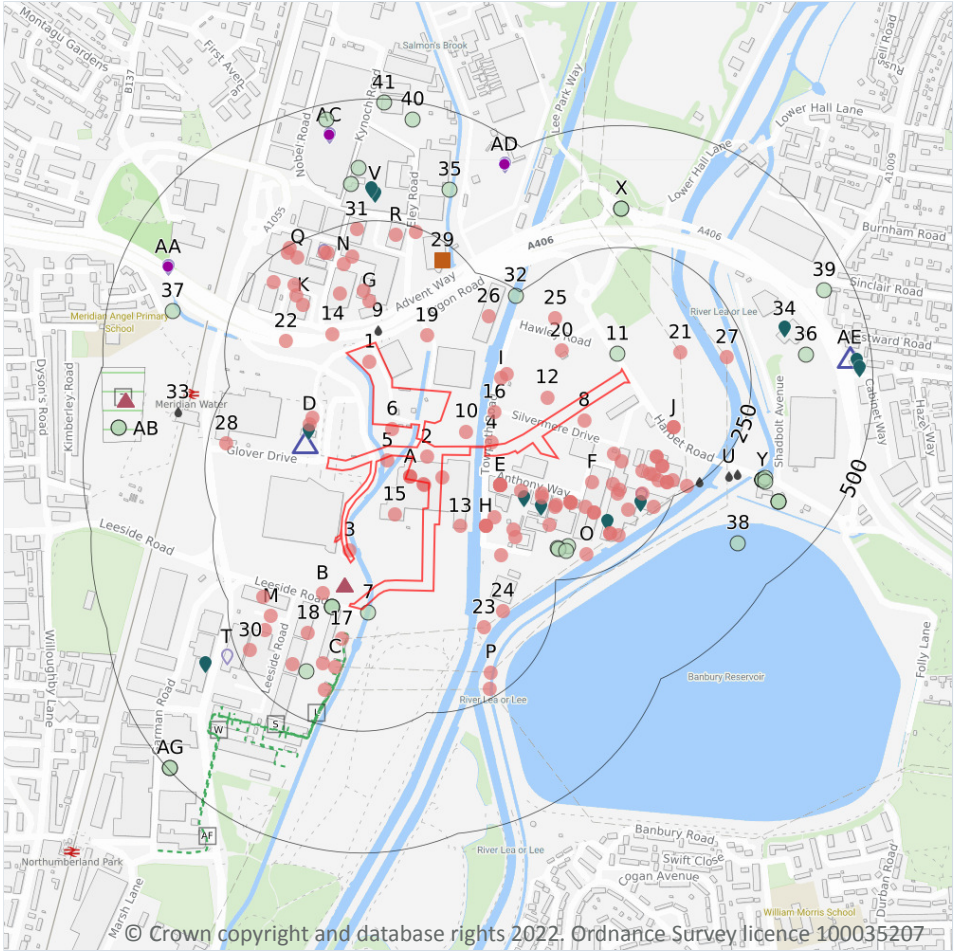
ID	Location	Site	Reference	Category	Sub-Category	Description
U	395m W	Marlborough Highways Ltd 62 GARMAN ROAD TOTTHENHAM N17 OUT	WEX261336	Storing waste exemption	Not on a farm	Storage of waste in secure containers
U	395m W	Marlborough Highways Ltd 62 GARMAN ROAD TOTTHENHAM N17 OUT	WEX261336	Storing waste exemption	Not on a farm	Storage of waste in a secure place
12	407m N	J O DOHERTY, UNIT 31, NOBEL ROAD, EDMONTON, LONDON, N18 3DJ	WEX106003	Using waste exemption	Not on a farm	Use of waste in construction
N	410m NE	-	WEX245101	Using waste exemption	Not on a farm	Use of waste in construction
Y	463m SW	Unit B 27/31 Garman Road London N17 0YU	EPR/YF0205EP /A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
Z	465m NW	3, KENNINGHALL ROAD, LONDON, N18 2PD	WEX232275	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
Z	465m NW	Metal and Waste Recycling Ltd, Albert Works, Edmonton, London, N18 2PD	WEX097891	Treating waste exemption	Not on a farm	Recovery of scrap metal
14	466m NE	North London Heat and Power, Lower Hall Lane, Enfield, E4 8JA	WEX256447	Using waste exemption	Not on a farm	Use of waste in construction
Z	476m NW	-	WEX270433	Treating waste exemption	Not on a farm	Recovery of scrap metal
Y	482m SW	REAR OF 27-31, GARMAN ROAD, LONDON, N17 0YU	WEX154212	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
Z	484m NW	-	WEX203189	Storing waste exemption	Not on a farm	Storage of waste in a secure place
Z	484m NW	-	WEX203189	Treating waste exemption	Not on a farm	Recovery of scrap metal
Z	484m NW	-	WEX203189	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
W	491m N	Unit 19e Eley Industrial Estate Eley Road Edmonton London N18 3BB	EA/EPR/VP368 6QS/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE



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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m **117**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 110**

ID	Location	Company	Address	Activity	Category
1	On site	A V Stone UK Ltd	Unit 11 Orbital Business Park 5, Argon Road, London, Greater London, N18 3BY	Stone Quarrying and Preparation	Extractive Industries
2	On site	Orbital Business Park	Greater London, N18	Business Parks and Industrial Estates	Industrial Features



ID	Location	Company	Address	Activity	Category
A	On site	Prestige Furniture Transport Solutions	Unit 1 Orbital Business Park 5, Argon Road, London, Greater London, N18 3BY	Distribution and Haulage	Transport, Storage and Delivery
A	On site	Sovereign	Unit 1 Orbital Business Park 5, Argon Road, London, Greater London, N18 3BY	Textiles, Fabrics, Silk and Machinery	Industrial Products
A	On site	Cos Freight	Unit 1 Orbital Business Park, Enfield, London, Greater London, N18 3BW	Distribution and Haulage	Transport, Storage and Delivery
A	1m E	Mulleady Civil Engineering Ltd	Unit 4 Orbital Business Park 5, Argon Road, London, Greater London, N18 3BY	Civil Engineers	Engineering Services
3	1m NE	Tank	Greater London, N18	Tanks (Generic)	Industrial Features
A	5m S	Pole Position Scaffolding Ltd	B O C Building, Argon Road, London, Greater London, N18 3BW	Construction and Tool Hire	Hire Services
A	5m S	Smart Relocations	B O C Building Orbital Business Park, 5 Argon Road, London, Greater London, N18 3BW	Container and Storage	Transport, Storage and Delivery
4	6m N	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
5	7m S	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
6	8m S	D C I & E Ltd	B O C Building, Argon Road, London, Greater London, N18 3BW	Catering and Non Specific Food Products	Foodstuffs
8	20m SE	Stonehill Business Park	Greater London, N18	Business Parks and Industrial Estates	Industrial Features
10	31m N	Travelling Crane	Greater London, N18	Travelling Cranes and Gantries	Industrial Features
12	38m NW	Tank	Greater London, N18	Tanks (Generic)	Industrial Features
13	43m E	M & M Scaffolding Hire & Sale Ltd	Unit 9a Orbital Business Park, 5 Argon Road, Enfield, London, Greater London, N18 3BY	Construction and Tool Hire	Hire Services
14	48m NW	Gantry	Greater London, N18	Travelling Cranes and Gantries	Industrial Features
15	58m W	Unique Marble Ltd	Unit 7 Orbital Business Park 5, Argon Road, London, Greater London, N18 3BY	Stone Quarrying and Preparation	Extractive Industries



ID	Location	Company	Address	Activity	Category
E	61m S	D W L Print & Design Ltd	Unit 1, Anthony Way, London, Greater London, N18 3QT	Published Goods	Industrial Products
E	61m S	Pureimage Print Ltd	Unit E 1, Anthony Way, London, Greater London, N18 3QT	Signs	Industrial Products
E	61m S	Rapid Car Repairs Ltd	Unit A 1, Anthony Way, London, Greater London, N18 3QT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	61m S	Imprimus	Unit F 1, Anthony Way, London, Greater London, N18 3QT	Published Goods	Industrial Products
E	61m S	A D A Windows Ltd	Unit D 1, Anthony Way, London, Greater London, N18 3QT	General Construction Supplies	Industrial Products
E	61m S	Dost Meat	Unit C 1, Anthony Way, London, Greater London, N18 3QT	Fish, Meat and Poultry Products	Foodstuffs
E	61m S	Technique Motors	Unit D 1, Anthony Way, London, Greater London, N18 3QT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	61m S	H N H Signs	Unit B 1, Anthony Way, London, Greater London, N18 3QT	Signs	Industrial Products
B	62m NW	Electricity Sub Station	Greater London, N17	Electrical Features	Infrastructure and Facilities
16	67m N	Tank	Greater London, N18	Tanks (Generic)	Industrial Features
17	69m S	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
E	78m S	Mixamate	Unit 3, Anthony Way, London, Greater London, N18 3QT	Concrete Products	Industrial Products
D	79m NW	Tesco Petrol Station	1, Glover Drive, London, Greater London, N18 3HF	Petrol and Fuel Stations	Road and Rail
E	80m S	Mixamate Concrete & Screed	Unit 7-9, Anthony Way, London, Greater London, N18 3QT	Concrete Products	Industrial Products
E	86m S	Works	Greater London, N18	Unspecified Works Or Factories	Industrial Features
F	86m SE	Abee Signs Ltd	Unit 15c Winchester Buildings Rivermead Road, Stonehill Business Park, London, Greater London, N18 3QW	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services
G	87m N	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
D	89m N	Tesco Lea Valley Extra	1 Glover Drive, Upper Edmonton, London, Greater London, N18 3HF	Vehicle Cleaning Services	Personal, Consumer and Other Services
E	94m S	C & S Motor Group	Unit 15, Anthony Way, London, Greater London, N18 3QT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	94m S	icanhire.com	Unit 15, Anthony Way, London, Greater London, N18 3QT	Vehicle Hire and Rental	Hire Services
H	95m E	A & D Scaffolding Services Ltd	Unit 2 1b Towpath Road, Stonehill Business Park, London, Greater London, N18 3QX	Construction and Tool Hire	Hire Services
H	95m E	Glenea Contracts Ltd	Unit 3 1b Towpath Road, Stonehill Business Park, London, Greater London, N18 3QX	Civil Engineers	Engineering Services
H	95m E	Hunsdon Skip Hire	Unit 1 1b Towpath Road, Stonehill Business Park, London, Greater London, N18 3QX	Construction and Tool Hire	Hire Services
E	96m S	D M C Fleet Maintenance	Unit 11, Anthony Way, London, Greater London, N18 3QT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	97m S	Works	Greater London, N18	Unspecified Works Or Factories	Industrial Features
E	100m S	Works	Greater London, N18	Unspecified Works Or Factories	Industrial Features
18	102m SW	Lift Mate	Unit 14 Mowlem Trading Estate, Leaside Road, London, Greater London, N17 0QJ	Lifting and Handling Equipment	Industrial Products
19	102m NE	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
20	103m NW	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
I	107m E	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
F	110m SE	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
G	110m N	Euro Car Parts	Unit 2 Edmonton Trade Park 10, Advent Way, London, Greater London, N18 3AJ	Vehicle Parts and Accessories	Motoring
H	113m E	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
E	115m SE	Works	Greater London, N18	Unspecified Works Or Factories	Industrial Features



ID	Location	Company	Address	Activity	Category
G	120m N	Big Yellow Self Storage Company Ltd	8, Advent Way, London, Greater London, N18 3AF	Container and Storage	Transport, Storage and Delivery
I	121m NW	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
21	122m NE	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
F	126m SE	Demetrius Supplies Ltd	Unit C/2 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HU	Catering and Non Specific Food Products	Foodstuffs
22	127m W	Gantry	Greater London, N18	Travelling Cranes and Gantries	Industrial Features
23	128m SE	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
C	128m S	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
J	129m SE	A & A Skip Hire	Yard 14, Harbet Road, Enfield, London, Greater London, N18 3HQ	Construction and Tool Hire	Hire Services
J	129m SE	A & A Skips	14, Harbet Road, London, Greater London, N18 3HQ	Construction and Tool Hire	Hire Services
C	130m SW	Tank	Greater London, N17	Tanks (Generic)	Industrial Features
F	131m E	Il Gelato Di Ariela	Unit C36-C37 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HU	Dairy Products	Foodstuffs
K	132m NW	Hilti	Unit 13 14, Advent Way, London, Greater London, N18 3AL	Tools Including Machine Shops	Industrial Products
E	134m SE	Unipack	Unit F23b Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HU	Packaging	Industrial Products
E	134m SE	Mareska	Unit F23b Hastingwood Trading Estate, 35 Harbet Road, London, Greater London, N18 3HU	Distribution and Haulage	Transport, Storage and Delivery
H	138m E	Edmonton Wharf	Greater London, N18	Moorings and Unloading Facilities	Water
E	138m S	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
F	143m SE	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
F	143m SE	Mrs Gill's Kitchen	Unit F2 Hastingwood Trading Estate, 35 Harbet Road, Enfield, London, Greater London, N18 3HU	Catering and Non Specific Food Products	Foodstuffs
24	148m E	Tanks	Greater London, N18	Tanks (Generic)	Industrial Features
H	152m E	London & Metropolitan Recycling	Phoenix Wharf, Unit 1b Towpath Road, London, Greater London, N18 3QX	Recycling, Reclamation and Disposal	Recycling Services
K	157m NW	Crown Decorating Centres	Unit 8 14, Advent Way, London, Greater London, N18 3AL	Wood Products Including Charcoal, Paper, Card and Board	Industrial Products
H	158m E	Edmonton Wharf	Greater London, N18	Moorings and Unloading Facilities	Water
F	163m S	Armourtex Powder Coating Ltd	Unit D4-D5 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Industrial Coatings and Finishings	Industrial Products
F	163m S	Carrier Bag Shop	Unit G4 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Packaging	Industrial Products
M	163m W	Pixipixel	Unit F and G Mowlem Trading Estate, Leaside Road, London, Greater London, N17 0QJ	Lampshades and Lighting	Consumer Products
25	165m NW	Lea Valley Business Park	Greater London, N18	Business Parks and Industrial Estates	Industrial Features
C	167m SW	Lomart Ltd	Unit J3-J4 Mowlem Trading Estate, Leaside Road, London, Greater London, N17 0QJ	Lifting and Handling Equipment	Industrial Products
F	173m SE	Woodcover Trading	Unit B20-B21 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	General Construction Supplies	Industrial Products
N	173m N	Chancerygate Business Centre	Greater London, N18	Business Parks and Industrial Estates	Industrial Features
26	174m NE	Toolstation	2 Ravenside Retail Park, Ravenside Close, London, Greater London, N18 3HA	Construction and Tool Hire	Hire Services
K	175m NW	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
M	179m W	E I V 2009 Ltd	Unit D3 Mowlem Trading Estate, Leaside Road, London, Greater London, N17 0QJ	Distribution and Haulage	Transport, Storage and Delivery



ID	Location	Company	Address	Activity	Category
C	180m S	Pylon	Greater London, N17	Electrical Features	Infrastructure and Facilities
F	180m SE	E S P Powder Coating UK Ltd	Unit D4 Hastingwood Trading Estate, 35 Harbet Road, Enfield, London, Greater London, N18 3HT	Industrial Coatings and Finishings	Industrial Products
M	181m W	Bunzl Greenham Safety & Workplace Supplies	Unit 1-4 Mowlem Trading Estate, Leese Road, London, Greater London, N17 0QJ	Workwear	Industrial Products
N	183m N	The Structured Print Consultants Ltd	Unit 8 Edmonton Trade Park 10, Advent Way, London, Greater London, N18 3AJ	Published Goods	Industrial Products
F	184m S	G J Services	Unit B28-B29 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	184m S	Future Textile & Clothing	Unit B24 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Rag Merchants	Recycling Services
F	186m SE	Universal Food Service	Unit F28b Hastingwood Trading Estate, 35 Harbet Road, London, Greater London, N18 3HT	Dairy Products	Foodstuffs
E	188m SE	Color-board Ltd	Unit F25 Harbet Road, Hastingwood Trading Estate Edmonton, Enfield, London, Greater London, N18 3HU	Textiles, Fabrics, Silk and Machinery	Industrial Products
F	189m SE	Pure Fuels	8, Harbet Road, London, Greater London, N18 3HQ	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
E	189m SE	Five Star Auto Repairs	Unit F/16 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HU	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	192m SE	Smart Tech Ltd	Unit B15hastingwood Trading Estate, 35 Harbet Road, London, Greater London, N18 3HT	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	201m SE	Neighbour Construction Ltd	Unit D10 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Furniture	Consumer Products
P	204m SE	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
N	206m N	Flexx	Unit 3 Angel Road Works, Advent Way, London, Greater London, N18 3AH	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	206m SE	Light of Night Ltd	Unit A3 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Radar and Telecommunications Equipment	Industrial Products
O	206m S	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
27	207m E	Pylon	Greater London, E4	Electrical Features	Infrastructure and Facilities
K	208m NW	Advent Business Park	Greater London, N18	Business Parks and Industrial Estates	Industrial Features
N	209m N	Woodworks Interiors Ltd	Unit B4 Angel Road Works, Advent Way, London, Greater London, N18 3AH	Carpets, Flooring, Rugs and Soft Furnishings	Consumer Products
28	212m W	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
F	218m S	Day Oak Motors Ltd	Unit G1 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	218m S	H W S Hair & Beauty	Unit A21 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Cosmetics, Toiletries and Perfumes	Consumer Products
F	219m SE	Tam	Unit B/4 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Hobby, Sports and Pastime Products	Consumer Products
Q	220m NW	Sovereign Recovery	Unit C1 Angel Road Works, Advent Way, London, Greater London, N18 3AH	Vehicle Breakdown and Recovery Services	Personal, Consumer and Other Services
F	221m SE	Whats the Damage	Unit D/1 Hastingwood Trading Estate 35, Harbet Road, London, Greater London, N18 3HT	Vehicle Breakdown and Recovery Services	Personal, Consumer and Other Services
30	223m SW	Electricity Sub Station	Greater London, N17	Electrical Features	Infrastructure and Facilities
R	225m N	SIG Interiors	Unit 14a Eleys Estate, Banksia Road, Enfield, London, Greater London, N18 3BF	Building and Component Suppliers	Construction Services
P	232m SE	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
31	235m N	T O T Shirts	Unit 13a-13b, Banksia Road, London, Greater London, N18 3BF	Plate Makers, Print Finishers and Type Setters	IT, Advertising, Marketing and Media Services



ID	Location	Company	Address	Activity	Category
Q	239m NW	Sunny Vehicle Repair Centre Ltd	Unit C7 Angel Road Works, Advent Way, Enfield, London, Greater London, N18 3AH	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	242m SE	Pylon	Greater London, N18	Electrical Features	Infrastructure and Facilities
R	243m N	Electricity Sub Station	Greater London, N18	Electrical Features	Infrastructure and Facilities
Q	246m NW	City Express Transport Ltd	Unit 6 Angel Road Works, Advent Way, London, Greater London, N18 3AH	Distribution and Haulage	Transport, Storage and Delivery

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2
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Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 110**

ID	Location	Company	Address	LPG	Status
D	57m NW	TESCO EXTRA	1, Glover Drive, Upper Edmonton, London, Outer London, N18 3HF	No	Open
AE	455m E	TEXACO	339, Hall Lane, North Circular Road, Chingford, London, Outer London, E4 8GP	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	17
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High voltage underground electricity transmission cables.

Features are displayed on the Current industrial land use map on **page 110**

ID	Location	Cable Set	Cable Route	Details	
C	55m S	ZBD042 - TOTTENHAM CABLE SECTION 02	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? Not specified



ID	Location	Cable Set	Cable Route	Details	
C	82m S	BRIMSDOWN/WALTHAM CROSS 2 275KV CABLE	TOTTENHAM 275KV S/S	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? Not specified
C	112m S	SGT4 132KV CABLE	TOTTENHAM 275KV S/S	Cable Make: BICC 132KV OIL Cable Type: A/C Operating Voltage (kV): 132	Year of installation: 1965 Cable in tunnel? Not specified
L	142m S	SGT3 275KV CABLE	BRIMSDOWN 275KV S/S	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1966 Cable in tunnel? Not specified
L	164m S	REDBRIDGE 1 275KV CABLE	TOTTENHAM 275KV S/S	Cable Make: BICC 275KV (OI Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1995 Cable in tunnel? Not specified
L	210m S	ZBD042 - TOTTENHAM CABLE SECTION 01	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1	Cable Make: - Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? Not specified
S	241m S	SGT4 275KV CABLE	BRIMSDOWN 275KV S/S	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1966 Cable in tunnel? Not specified
L	246m S	REDBRIDGE 2 275KV CABLE	TOTTENHAM 275KV S/S	Cable Make: BICC 275KV (OI Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1994 Cable in tunnel? Not specified
S	246m S	SGT2 275KV CABLE	BRIMSDOWN 275KV S/S	Cable Make: ENFIELD STD 27 Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? Not specified
S	301m SW	HACKNEY 1 275KV CABLE	TOTTENHAM 275KV S/S	Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1990 Cable in tunnel? Not specified
S	317m SW	HACKNEY 2 275KV CABLE	TOTTENHAM 275KV S/S	Cable Make: PIRELLI 275KV Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1991 Cable in tunnel? Not specified
W	323m SW	CABLE SECT 01	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
W	323m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
W	338m SW	CABLE SECT 01	ST JOHNS WOOD - TOTTENHAM 1	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No



ID	Location	Cable Set	Cable Route	Details	
W	339m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified
AF	472m SW	CABLE SECT 02	ST JOHNS WOOD - TOTTENHAM 2	Cable Make: BICC 275KV OIL Cable Type: A/C Operating Voltage (kV): 275	Year of installation: 1965 Cable in tunnel? No
AF	473m SW	-	-	Cable Make: - Cable Type: PILOT Operating Voltage (kV): -	Year of installation: Not specified Cable in tunnel? Not specified

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

0

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

This data is sourced from Local Authority records.

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 110**

ID	Location	Company	Address	Operational status	Tier
Z	385m W	British Gas	British Gas, Tottenham Holder Station, Willoughbylane, Tottenham, N17 0SA	Historical COMAH 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
5

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 110**

ID	Location	Details	
B	40m N	Application reference number: HAZ/92/0006/1 Application status: Approved Application date: 15/03/2000 Address: Transco PLC, Holder No 4, Leaside Road, Tottenham, London, England, N17 0SG	Details: Continuation of consent granted under HAZ/92/0006 for the storage of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	40m N	Application reference number: HAZ/92/0006 Application status: Historical Consent Application date: 16/11/1992 Address: British Gas, Willoughby Lane Holder Station, (Leaside Road Holder, No.4), London, N17 0RT	Details: Storage of 282 tonnes of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Z	434m W	Application reference number: HAZ/92/0007/1 Application status: Approved Application date: 17/03/2000 Address: Transco PLC, Tottenham Holder Station (Holders No's 2 & 3), Willoughby Lane, Tottenham, London, England, N18 2DW	Details: Continuation of consent granted under HAZ/92/0007 for the vessel storage of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Z	434m W	Application reference number: HAZ/92/0007/1 Application status: Historical Consent Application date: 17/03/2000 Address: Transco PLC, Tottenham Holder Station (Holders No's 2 & 3), Willoughby Lane, Tottenham, London, England, N18 2DW	Details: Continuation of consent granted under HAZ/92/0007 for the vessel storage of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
Z	434m W	Application reference number: HAZ/92/0007 Application status: Historical Consent Application date: 10/12/1992 Address: British Gas, Willoughby Lane Holder Station, (Nos.2 & 3) Willoughby Lane, London, N17 0RT	Details: Storage of 206 tonnes of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.9 Historical licensed industrial activities (IPC)

Records within 500m

0

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

37

Records of Part A(1) 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 110**

ID	Location	Details	
F	187m SE	Operator: PURE FUELS LIMITED Installation Name: EDMONTON BIO DIESEL PLANT EPR/XP3231LP Process: ASSOCIATED PROCESS Permit Number: XP3231LP Original Permit Number: XP3231LP	EPR Reference: - Issue Date: 17/01/2007 Effective Date: 17/01/2007 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
F	187m SE	Operator: PURE FUELS LIMITED Installation Name: EDMONTON BIO DIESEL PLANT EPR/XP3231LP Process: COMBUSTION; WASTE DERIVED FUEL (AGGREGATED INPUTS) 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: XP3231LP Original Permit Number: XP3231LP	EPR Reference: - Issue Date: 17/01/2007 Effective Date: 17/01/2007 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
F	187m SE	Operator: PURE FUELS LIMITED Installation Name: EDMONTON BIO DIESEL PLANT EPR/XP3231LP Process: ORGANIC CHEMICALS; OXYGEN CONTAINING COMPOUNDS EG ALCOHOLS Permit Number: XP3231LP Original Permit Number: XP3231LP	EPR Reference: - Issue Date: 17/01/2007 Effective Date: 17/01/2007 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
N	209m N	Operator: CAPRICORN DETERGENTS LIMITED Installation Name: CAPRICORN DETERGENTS - EPR/MP3538CP Process: ORGANIC CHEMICALS; SURFACE-ACTIVE AGENTS Permit Number: MP3538CP Original Permit Number: MP3538CP	EPR Reference: - Issue Date: 19/09/2012 Effective Date: 19/09/2012 Last date noted as effective: 01/01/2022 Status: EFFECTIVE



ID	Location	Details	
T	273m SW	Operator: UK POWER RESERVE LIMITED Installation Name: MOWLEM POWER STATION EPR/HP3408PL Process: TRANCHE B SG PERMITTING DATE 1ST JANUARY 2019 Permit Number: HP3408PL Original Permit Number: HP3408PL	EPR Reference: - Issue Date: 30/09/2019 Effective Date: 30/09/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
T	273m SW	Operator: UK POWER RESERVE LIMITED Installation Name: MOWLEM POWER STATION EPR/HP3408PL Process: NEW MEDIUM COMBUSTION PLANT Permit Number: HP3408PL Original Permit Number: HP3408PL	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/10/2019 Status: DETERMINATION
AA	406m NW	Operator: EUROPEAN METAL RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: GP3806PX Original Permit Number: GP3806PX	EPR Reference: - Issue Date: 21/08/2019 Effective Date: 21/08/2019 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AA	406m NW	Operator: METAL AND WASTE RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: ZP3137AB Original Permit Number: ZP3137AB	EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AA	406m NW	Operator: METAL AND WASTE RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT IN SHREDDERS OF METAL WASTE, INCLUDING WEEE AND ELV AND THEIR COMPONENTS Permit Number: ZP3137AB Original Permit Number: ZP3137AB	EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AA	406m NW	Operator: EUROPEAN METAL RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT IN SHREDDERS OF METAL WASTE, INCLUDING WEEE AND ELV AND THEIR COMPONENTS Permit Number: QP3002LC Original Permit Number: GP3806PX	EPR Reference: - Issue Date: 09/06/2021 Effective Date: 09/06/2021 Last date noted as effective: 01/01/2022 Status: EFFECTIVE



ID	Location	Details	
AA	406m NW	Operator: EUROPEAN METAL RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: QP3002LC Original Permit Number: GP3806PX	EPR Reference: - Issue Date: 09/06/2021 Effective Date: 09/06/2021 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AA	406m NW	Operator: METAL AND WASTE RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: ZP3137AB Original Permit Number: ZP3137AB	EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AA	406m NW	Operator: METAL AND WASTE RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES Permit Number: ZP3137AB Original Permit Number: ZP3137AB	EPR Reference: - Issue Date: 29/01/2016 Effective Date: 29/01/2016 Last date noted as effective: 01/01/2017 Status: EFFECTIVE
AA	406m NW	Operator: EUROPEAN METAL RECYCLING LIMITED Installation Name: ALBERT WORKS EPR/EP3091NT Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT IN SHREDDERS OF METAL WASTE, INCLUDING WEEE AND ELV AND THEIR COMPONENTS Permit Number: GP3806PX Original Permit Number: GP3806PX	EPR Reference: - Issue Date: 21/08/2019 Effective Date: 21/08/2019 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ASSOCIATED PROCESS Permit Number: BX5930IU Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/04/2006 Effective Date: 04/04/2006 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ASSOCIATED PROCESS Permit Number: CP3937DY Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 07/12/2016 Effective Date: 07/12/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: SP3705PN Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 23/06/2020 Effective Date: 23/06/2020 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ASSOCIATED PROCESS Permit Number: SP3705PN Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 23/06/2020 Effective Date: 23/06/2020 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: YP3336KC Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2010 Effective Date: 04/06/2010 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: CP3937DY Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 07/12/2016 Effective Date: 07/12/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: BX5930IU Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/04/2006 Effective Date: 04/04/2006 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: YP3336KC Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2010 Effective Date: 04/06/2010 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ASSOCIATED PROCESS Permit Number: YP3336KC Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2010 Effective Date: 04/06/2010 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA COLA ENTERPRISES LTD Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: BX5930IU Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/04/2006 Effective Date: 04/04/2006 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: CP3937DY Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 07/12/2016 Effective Date: 07/12/2016 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: LP3837QW Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2019 Effective Date: 04/06/2019 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: LP3837QW Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2019 Effective Date: 04/06/2019 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ASSOCIATED PROCESS Permit Number: LP3837QW Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 04/06/2019 Effective Date: 04/06/2019 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
AC	435m N	Operator: COCA-COLA EUROPEAN PARTNERS GREAT BRITAIN LIMITED Installation Name: COCA COLA - EDMONTON EPR/BX5930IU Process: ANIMAL VEGETABLE AND FOOD; TREATING ETC VEGETABLE RAW MATERIALS FOR FOOD >300T/D Permit Number: SP3705PN Original Permit Number: BX5930IU	EPR Reference: - Issue Date: 23/06/2020 Effective Date: 23/06/2020 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3234QL Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 13/05/2019 Effective Date: 13/05/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: PP3234QL Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 13/05/2019 Effective Date: 13/05/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: PP3234QL Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 13/05/2019 Effective Date: 13/05/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK - EPR/UP3232AC Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: UP3232AC Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 16/06/2017 Effective Date: 16/06/2017 Last date noted as effective: 01/01/2022 Status: SUPERCEDED



ID	Location	Details	
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK - EPR/UP3232AC Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: UP3232AC Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 16/06/2017 Effective Date: 16/06/2017 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK - EPR/UP3232AC Process: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR. Permit Number: UP3232AC Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 16/06/2017 Effective Date: 16/06/2017 Last date noted as effective: 01/01/2022 Status: SUPERCEDED
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3234QL Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 13/05/2019 Effective Date: 13/05/2019 Last date noted as effective: 01/01/2022 Status: EFFECTIVE
AD	450m NE	Operator: NORTH LONDON WASTE AUTHORITY Installation Name: EDMONTON ECOPARK - EPR/UP3232AC Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: UP3232AC Original Permit Number: UP3232AC	EPR Reference: - Issue Date: 16/06/2017 Effective Date: 16/06/2017 Last date noted as effective: 01/01/2022 Status: SUPERCEDED

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

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

Records within 500m

11

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 110**



ID	Location	Address	Details	
D	69m NW	Tesco Petrol Filling Station, 1 Glover Drive, Edmonton, N18 3HF	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
E	93m S	Mixamate, Rear of 3 Anthony Way, Harbet Road Industrial Estate, London, N18 3QT	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
E	107m S	Sa Watts Cobden Wks, Angel Rd, Lea Valley Trad Est, N18 3WE	Process: Chemical & Acid Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
E	167m SE	Neat Concepts, Hastingwood Trading Estate, 35 Harbet Road, London, N18 3HU	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
F	193m SE	CT Motors, Unit D3, Hastingwood Trading Estate, 35 Harbet Road, N18 3HT	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
V	304m N	Cornwell Parker Furniture Ltd, Unit G, Advent Way, Edmonton, N18 3AD	Process: Coating Processes; Combustion & Incineration Status: Revoked Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
V	312m N	Oakwood Plant Ltd, Oakwood House, Nobel Road, Eley Trading Estate, Edmonton, N18 3BH	Process: Other Mineral Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
T	319m W	Spraytech, 65 Garmen Road, N17 0UN	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
34	336m E	Garner & Shaw Ltd. C/o F.R.Shadbolt & Sons Ltd, North Circular Road, South Chingford, London, E4 8PZ	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified



ID	Location	Address	Details	
AE	467m E	Rontec Watford Ltd, Walthamstow Service Station, 16 North Circular Road, Chingford, E4 8QE	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
AE	471m E	Northweald Service Station, 339 Hall Lane, Chingford, E4 8QE	Process: Unloading of Petrol into Storage at Service Stations Status: Revoked Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0
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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	5
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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 110**

ID	Location	Address	Details	
9	25m N	ANGEL ROAD,EDMONTON., ANGEL ROAD EDMONTON.	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.1762 Permit Version: 1 Receiving Water: SALMON BROOK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 24/07/1987 Effective Date: 24/07/1987 Revocation Date: 14/06/2005
F	249m SE	6 THE YARD, STONEHILL BUSINESS PARK, EDMONTON, LONDON, N18 3LD	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CANM.0280 Permit Version: 1 Receiving Water: RIVER LEE	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 26/10/2004 Effective Date: 26/10/2004 Revocation Date: 15/03/2007



ID	Location	Address	Details	
U	280m SE	GREAVES PUMPING STATION, HARBET ROAD, CHINGFORD, LONDON, E4 8QB	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: CANM.1259 Permit Version: 2 Receiving Water: GROUNDWATER VIA A BOREHOLE	Status: VARIED UNDER EPR 2010 Issue date: 14/11/2018 Effective Date: 14/11/2018 Revocation Date: -
U	290m SE	GREAVES PUMPING STATION, HARBET ROAD, CHINGFORD, LONDON, E4 8QB	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: CANM.1259 Permit Version: 1 Receiving Water: ABSTRACTION RECHARGE BOREHOLE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 01/08/2007 Effective Date: 01/08/2007 Revocation Date: 13/11/2018
33	323m W	WILLOUGHBY LANE GAS WORKS, WILLOUGHBY LANE & TEESIDE ROAD, TOTTENHAM, LONDON, N17 0RY	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CANM.0223 Permit Version: 1 Receiving Water: INTO LAND	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 09/02/2001 Effective Date: 09/02/2001 Revocation Date: 01/06/2006

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

1

Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on **page 110**

ID	Location	Address	Details	
29	217m NE	London Waste Limited, ECOPARK, ADVENT WAY, LONDON, LONDON, N18 3AG	Permission reference: SCE0166C1 Local Authority: London Borough of Enfield First received date: 10/01/2015	Last received date: 01/01/2018 Status: EFFECTIVE

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



4.16 List 1 Dangerous Substances

Records within 500m

0

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.

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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.

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

39

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 110**

ID	Location	Details	
7	13m SE	Incident Date: 20/08/2010 Incident Identification: 815144 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
11	32m N	Incident Date: 26/11/2001 Incident Identification: 45011 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	35m W	Incident Date: 07/05/2002 Incident Identification: 77037 Pollutant: Specific Waste Materials Pollutant Description: Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	35m W	Incident Date: 07/05/2002 Incident Identification: 77037 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
B	35m W	Incident Date: 07/05/2002 Incident Identification: 77037 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Construction and Demolition Materials and Wastes:Asbestos	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
C	159m SW	Incident Date: 19/03/2002 Incident Identification: 65064 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
O	182m S	Incident Date: 22/02/2017 Incident Identification: 1503416 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
O	185m S	Incident Date: 26/04/2017 Incident Identification: 1518507 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
O	186m S	Incident Date: 15/05/2017 Incident Identification: 1523079 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
O	191m S	Incident Date: 09/10/2017 Incident Identification: 1560127 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Dust	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
32	239m NE	Incident Date: 11/09/2002 Incident Identification: 107231 Pollutant: Specific Waste Materials Pollutant Description: Containers	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
V	329m N	Incident Date: 05/11/2002 Incident Identification: 118777 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
X	329m N	Incident Date: 26/08/2001 Incident Identification: 26982 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
X	329m N	Incident Date: 26/08/2001 Incident Identification: 26982 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)



ID	Location	Details	
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Specific Waste Materials Pollutant Description: Soils and Clay Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Inert Materials and Wastes:Specific Waste Materials Pollutant Description: Soils and Clay:Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	338m SE	Incident Date: 26/03/2003 Incident Identification: 146035 Pollutant: Inert Materials and Wastes : Specific Waste Materials Pollutant Description: Soils and Clay :Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	341m SE	Incident Date: 28/08/2002 Incident Identification: 103634 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
Y	345m SE	Incident Date: 13/09/2001 Incident Identification: 30605 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
35	348m NE	Incident Date: 18/04/2002 Incident Identification: 72695 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)



ID	Location	Details	
V	359m N	Incident Date: 02/06/2003 Incident Identification: 162328 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
36	366m E	Incident Date: 09/12/2002 Incident Identification: 125250 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
37	366m W	Incident Date: 10/07/2001 Incident Identification: 15207 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
Y	391m SE	Incident Date: 25/09/2020 Incident Identification: 1851351 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	391m SE	Incident Date: 25/09/2020 Incident Identification: 1851351 Pollutant: Specific Waste Materials Pollutant Description: Electrical Equipment	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
Y	391m SE	Incident Date: 25/09/2020 Incident Identification: 1851351 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
38	397m SE	Incident Date: 21/08/2002 Incident Identification: 102209 Pollutant: Other Pollutant Pollutant Description: Microbiological	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
AB	434m W	Incident Date: 21/08/2001 Incident Identification: 25636 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
AB	434m W	Incident Date: 21/08/2001 Incident Identification: 25636 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
39	442m NE	Incident Date: 10/05/2003 Incident Identification: 157330 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
40	464m N	Incident Date: 22/11/2001 Incident Identification: 44431 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
AC	468m N	Incident Date: 09/01/2003 Incident Identification: 130066 Pollutant: Inorganic Chemicals/Products Pollutant Description: Alkalis	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
41	492m N	Incident Date: 05/03/2003 Incident Identification: 141055 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
AG	495m SW	Incident Date: 23/05/2019 Incident Identification: 1704152 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 1 (Major) Land Impact: Category 1 (Major) Air Impact: Category 2 (Significant)
AG	495m SW	Incident Date: 23/05/2019 Incident Identification: 1704152 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 1 (Major) Land Impact: Category 1 (Major) Air Impact: Category 2 (Significant)

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

4.19 Pollution inventory substances

Records within 500m	11
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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.

Features are displayed on the Current industrial land use map on **page 110**

ID: AA, Location: 407m NW, Permit: HB3604TQ
 Operator: European Metal Recycling Limited
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT IN SHREDDERS OF METAL WASTE, INCLUDING WEEE AND ELV AND THEIR COMPONENTS
 Address: Albert Works Kenninghall Road Edmonton London N18 2PD
 Sector: Metals Recycling, Sub-sector: Metals Recycling
 Releases:



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Cadmium	1kg	Below Reporting Threshold
Wastewater	Chromium	20kg	Below Reporting Threshold
Wastewater	Copper	20kg	Below Reporting Threshold
Wastewater	Lead	20kg	Below Reporting Threshold
Wastewater	Zinc	100kg	Below Reporting Threshold

ID: AC, Location: 435m N, Permit: BX5930IU
 Operator: Coca-Cola European Partners Great Britain Limited
 Activity: Animal vegetable and food treating etc vegetable
 Address: Coca Cola Edmonton, Eley Trading Estate Nobel Road Edmonton Middlesex N18 3DJ
 Sector: Food & Drink, Sub-sector: Food & Drink
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Wastewater	Chlorides - as Cl	2000000kg	Below Reporting Threshold
Wastewater	Total organic carbon (TOC)	50000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Nitrous oxide	10000kg	Below Reporting Threshold
Air	Particulate matter - PM10	1000kg	Below Reporting Threshold
Air	Particulate matter - PM2.5	1000kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Cadmium	1kg	1.57kg



ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Chlorine and inorganic chlorine compounds - as HCl	10000kg	10430kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	235000kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon dioxide	10000000kg	164000000kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Copper	20kg	109kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Ammonia	1000kg	20300kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Nitrous oxide	10000kg	22800kg

ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Dioxins and furans (PCDDs/PCDFs) - as WHO TEQ	1e-5kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Wastewater	Polychlorinated biphenyls (PCBs)	0.001kg	Below Reporting Threshold



Route	Substance	Reporting threshold (kg)	Quantity (kg)
Wastewater	Triphenyltin and compounds - as TPT	0.1kg	Below Reporting Threshold
Wastewater	Hexachlorocyclohexane (HCH) -all isomers	0.01kg	Below Reporting Threshold
Wastewater	Hexachlorobutadiene	0.1kg	Below Reporting Threshold
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Selenium	100kg	Below Reporting Threshold
Wastewater	Atrazine	0.05kg	Below Reporting Threshold
Wastewater	Dichlorvos	0.0005kg	Below Reporting Threshold
Wastewater	Dieldrin	0.0005kg	Below Reporting Threshold
Wastewater	Hexachlorobenzene (HCB)	0.01kg	Below Reporting Threshold
Wastewater	Cadmium	1kg	Below Reporting Threshold
Wastewater	Lead	20kg	Below Reporting Threshold
Air	Fluorine and inorganic fluorine compounds - as HF	1000kg	Below Reporting Threshold
Air	Benzo(k)fluoranthene	1kg	Below Reporting Threshold
Air	Dioxins and furans (PCDDs/PCDFs) - as ITEQ	1e-5kg	Below Reporting Threshold
Air	Benzo(a)pyrene	1kg	Below Reporting Threshold
Wastewater	Pentachlorophenol (PCP)	0.05kg	Below Reporting Threshold
Wastewater	Simazine	0.01kg	Below Reporting Threshold
Wastewater	Tributyltin and compounds - as TBT	0.005kg	Below Reporting Threshold
Wastewater	Trifluralin	0.001kg	Below Reporting Threshold
Air	Indeno(1,2,3-cd)pyrene	1kg	Below Reporting Threshold
Air	Naphthalene	100kg	Below Reporting Threshold
Wastewater	Mercury	0.1kg	Below Reporting Threshold
Wastewater	Zinc	100kg	Below Reporting Threshold
Air	Particulate matter - total	10000kg	Below Reporting Threshold
Air	Benzo(b)fluoranthene	1kg	Below Reporting Threshold



ID: AD, Location: 451m NE, Permit: YP3033BE
 Operator: LondonEnergy Ltd
 Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
 Address: Edmonton EcoPark Advent Way N18 3AG
 Sector: EfW, Sub-sector: EfW
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Zinc	100kg	146kg

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

4.20 Pollution inventory waste transfers

Records within 500m

3

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.

Features are displayed on the Current industrial land use map on **page 110**

ID: AA, Location: 407m NW, Permit: HB3604TQ
 Operator: European Metal Recycling Limited
 Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING TREATMENT IN SHREDDERS OF METAL WASTE, INCLUDING WEEE AND ELV AND THEIR COMPONENTS
 Address: Albert Works Kenninghall Road Edmonton London N18 2PD
 Sector: Metals Recycling, Sub-sector: Metals Recycling
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	53.786	Absolute Value	12 01 03	non-ferrous metal filings and turnings	0
R4	Recycling/reclamation of metals and metal compounds	161.114	Absolute Value	16 01 18	non-ferrous metal	0
R4	Recycling/reclamation of metals and metal compounds	468.35	Absolute Value	16 06 01	lead batteries	1
R4	Recycling/reclamation of metals and metal compounds	21.68	Absolute Value	17 01 01	concrete	0



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	333.85	Absolute Value	17 04 05	iron and steel	0
R4	Recycling/reclamation of metals and metal compounds	1786.12	Absolute Value	17 04 11	cables other than those mentioned in 17 04 10	0
R4	Recycling/reclamation of metals and metal compounds	259.91	Absolute Value	19 10 01	iron and steel waste	0
R4	Recycling/reclamation of metals and metal compounds	51966.6	Absolute Value	19 12 02	ferrous metal	0
R4	Recycling/reclamation of metals and metal compounds	5874.89	Absolute Value	19 12 03	non-ferrous metal	0
R4	Recycling/reclamation of metals and metal compounds	5163.18	Absolute Value	20 01 40	metals	0
R4	Recycling/reclamation of metals and metal compounds	218.4	Absolute Value	16 01 17	ferrous metal	0
R4	Recycling/reclamation of metals and metal compounds	8.215	Absolute Value	16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15	0
R4	Recycling/reclamation of metals and metal compounds	2.16	Absolute Value	16 01 04	end-of-life vehicles	1
R4	Recycling/reclamation of metals and metal compounds	0.998	Absolute Value	16 01 21	hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14	1
R4	Recycling/reclamation of metals and metal compounds	1.14	Absolute Value	20 01 35	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	1
D5	Specially engineered landfill (eg placement into lined discrete cells which are capped and isolated from one another and the environment, etc)	552.4	Absolute Value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	0
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	21.4	Absolute Value	16 01 03	end-of-life tyres	0



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1317.47	Absolute Value	19 12 04	plastic and rubber	0
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	45.128	Absolute Value	20 01 38	wood other than that mentioned in 20 01 37	0
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1388.98	Absolute Value	19 12 11	other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	1

ID: AC, Location: 435m N, Permit: BX5930IU
Operator: Coca-Cola European Partners Great Britain Limited
Activity: Animal vegetable and food treating etc vegetable
Address: Coca Cola Edmonton, Eley Trading Estate Nobel Road Edmonton Middlesex N18 3DJ
Sector: Food & Drink, Sub-sector: Food & Drink
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.2	Absolute Value	13 01 10	mineral based non-chlorinated hydraulic oils	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.616	Absolute Value	13 02 05	mineral-based non-chlorinated engine, gear and lubricating oils	1
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	32.91	Absolute Value	13 05 07	oily water from oil/water separators	1



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.8354	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	1
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	0.006	Absolute Value	15 01 10	packaging containing residues of or contaminated by dangerous substances	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	2.531	Absolute Value	15 02 02	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.5	Absolute Value	16 05 04	gases in pressure containers (including halons) containing dangerous substances	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.0065	Absolute Value	16 05 06	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.1	Absolute Value	16 07 08	wastes containing oil	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	13	Absolute Value	20 01 35	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)	1
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	0.4574	Absolute Value	20 01 21	fluorescent tubes and other mercury-containing waste	1



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	1.88	Absolute Value	12 03 01	aqueous washing liquids	1
R5	Recycling/reclamation of other inorganic materials	383.775	Absolute Value	15 01 01	paper and cardboard packaging	0
R5	Recycling/reclamation of other inorganic materials	331.8385	Absolute Value	15 01 02	plastic packaging	0
R5	Recycling/reclamation of other inorganic materials	360.324	Absolute Value	15 01 03	wooden packaging	0
R5	Recycling/reclamation of other inorganic materials	91.645	Absolute Value	15 01 05	composite packaging	0
R5	Recycling/reclamation of other inorganic materials	12.55	Absolute Value	15 01 06	mixed packaging	0
R5	Recycling/reclamation of other inorganic materials	59.01	Absolute Value	15 01 07	glass packaging	0
R5	Recycling/reclamation of other inorganic materials	57.889	Absolute Value	20 01 01	paper and cardboard	0
R1	Use principally as a fuel or other means to generate energy	36.986	Absolute Value	20 01 38	wood other than that mentioned in 20 01 37	0
R4	Recycling/reclamation of metals and metal compounds	56.64	Absolute Value	20 01 40	metals	0
R1	Use principally as a fuel or other means to generate energy	120.622	Absolute Value	20 03 01	mixed municipal waste	0
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	-	Below Reporting Threshold	16 03 06	organic wastes other than those mentioned in 16 03 05	0
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection, on the site where it is produced)	-	Below Reporting Threshold	16 05 09	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	0
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	-	Below Reporting Threshold	16 06 04	alkaline batteries (except 16 06 03)	0



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	-	Below Reporting Threshold	02 07 04	materials unsuitable for consumption or processing	0
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)	-	Below Reporting Threshold	11 01 14	degreasing wastes other than those mentioned in 11 01 13	0
R5	Recycling/reclamation of other inorganic materials	-	Below Reporting Threshold	10 02 01	wastes from the processing of slag	0
R5	Recycling/reclamation of other inorganic materials	-	Below Reporting Threshold	15 01 04	metallic packaging	0
R1	Use principally as a fuel or other means to generate energy	-	Below Reporting Threshold	20 01 08	biodegradable kitchen and canteen waste	0

ID: AD, Location: 451m NE, Permit: YP3033BE
Operator: LondonEnergy Ltd
Activity: THE INCINERATION OF NON-HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 3 TONNES PER HOUR.
Address: Edmonton EcoPark Advent Way N18 3AG
Sector: EfW, Sub-sector: EfW
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D1	Deposit into or onto land (eg landfill, etc.)	19500	Absolute Value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	0
R4	Recycling/reclamation of metals and metal compounds	17600	Absolute Value	19 01 02	ferrous materials removed from bottom ash	0
R5	Recycling/reclamation of other inorganic materials	67400	Absolute Value	19 01 12	bottom ash and slag other than those mentioned in 19 01 11	0
D1	Deposit into or onto land (eg landfill, etc.)	16800	Absolute Value	19 01 13	fly ash containing dangerous substances	1



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

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.



5 Geology (basic)

5.1 Superficial geology (625k)

Records within 500m**2**

Generalised geology data based on BGS's published poster maps of the UK (North and South). Superficial related themes digitised from 1977 first edition Quaternary map (North and South).

Location	Lex code	Description	Rock type
On site	ALV-CLSS	ALLUVIUM	CLAY, SILT AND SAND
17m N	RTDU-SAGR	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

5.2 Bedrock geology (625k)

Records within 500m**1**

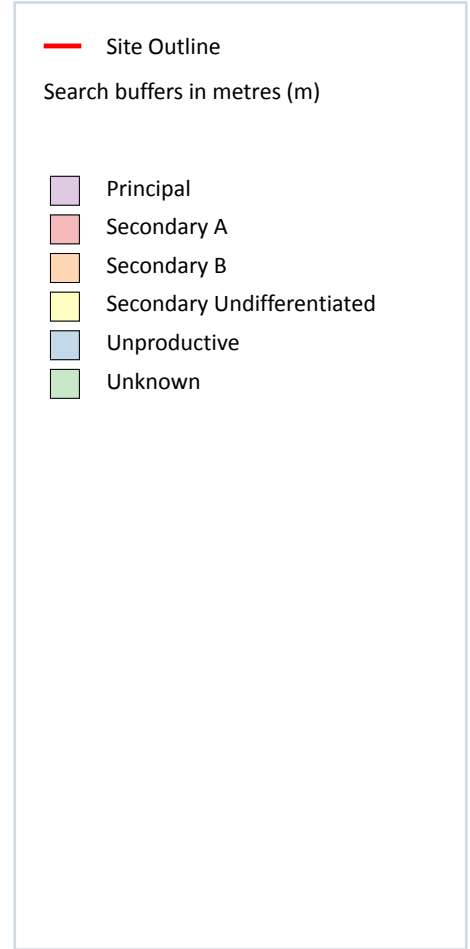
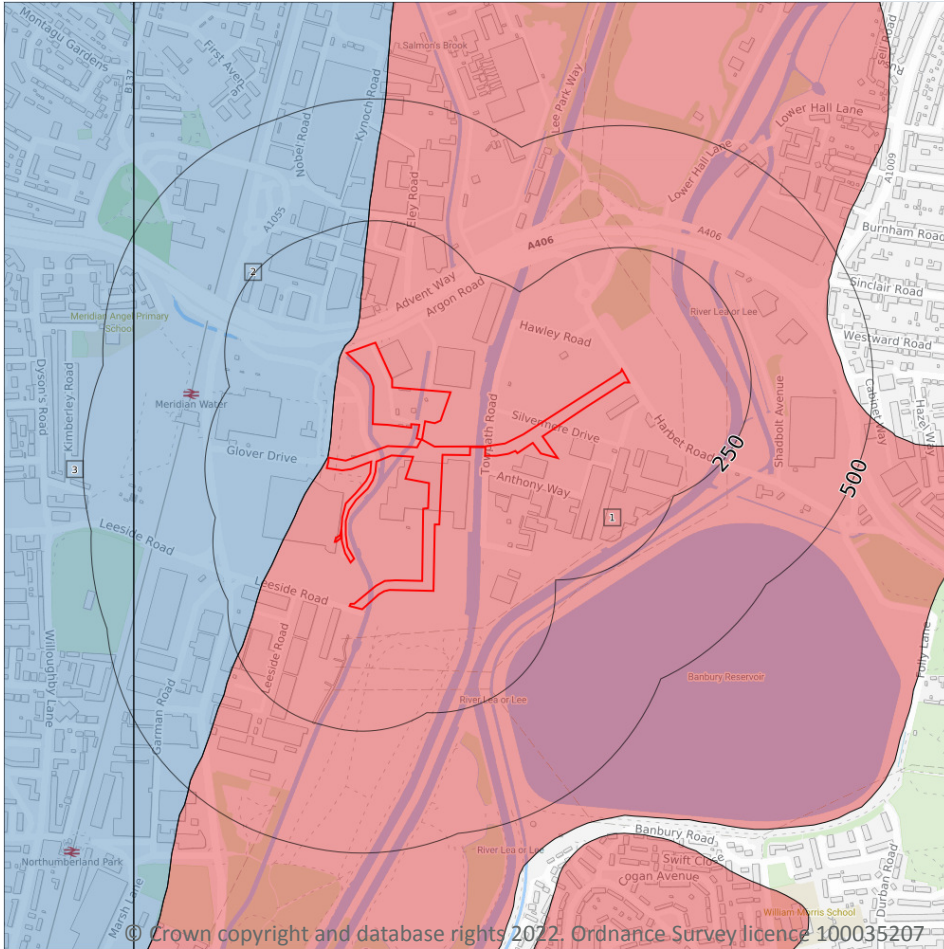
Generalised geology data based on BGS's published poster maps of the UK (North and South). Bedrock related themes created through generalisation of 1:50,000 data.

Location	Lex code	Description	Rock type
On site	THAM-CLSSG	THAMES GROUP	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.



6 Hydrogeology - Superficial aquifer



6.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology. Features are displayed on the Hydrogeology map on **page 149**

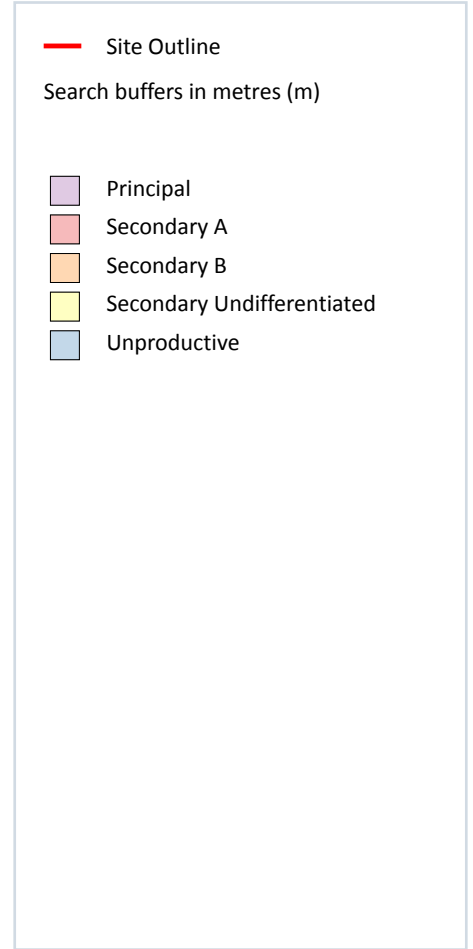
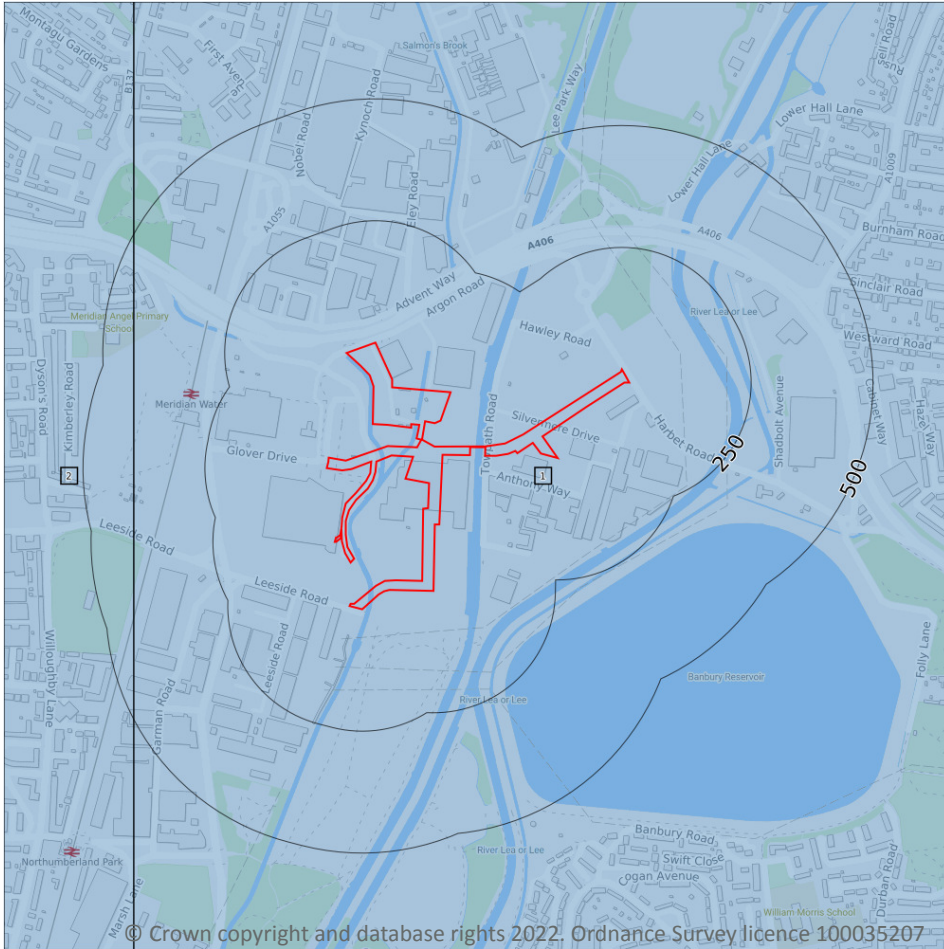
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	2m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
3	396m 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.



Bedrock aquifer



6.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

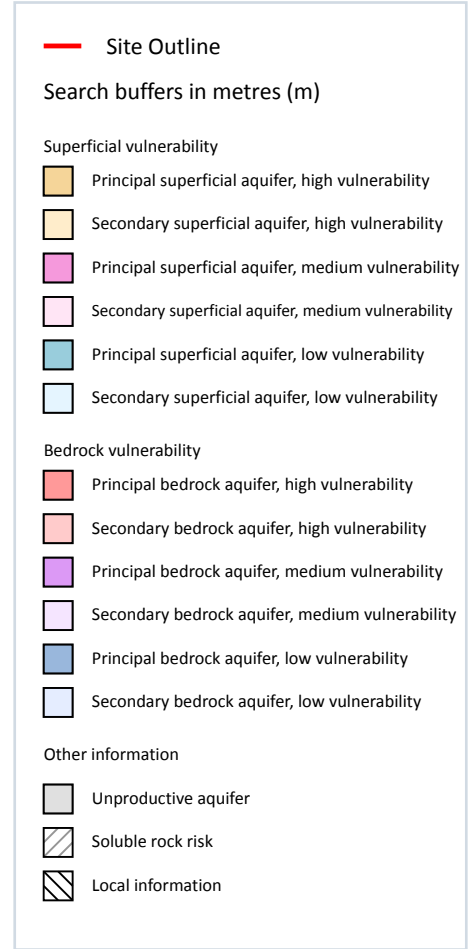
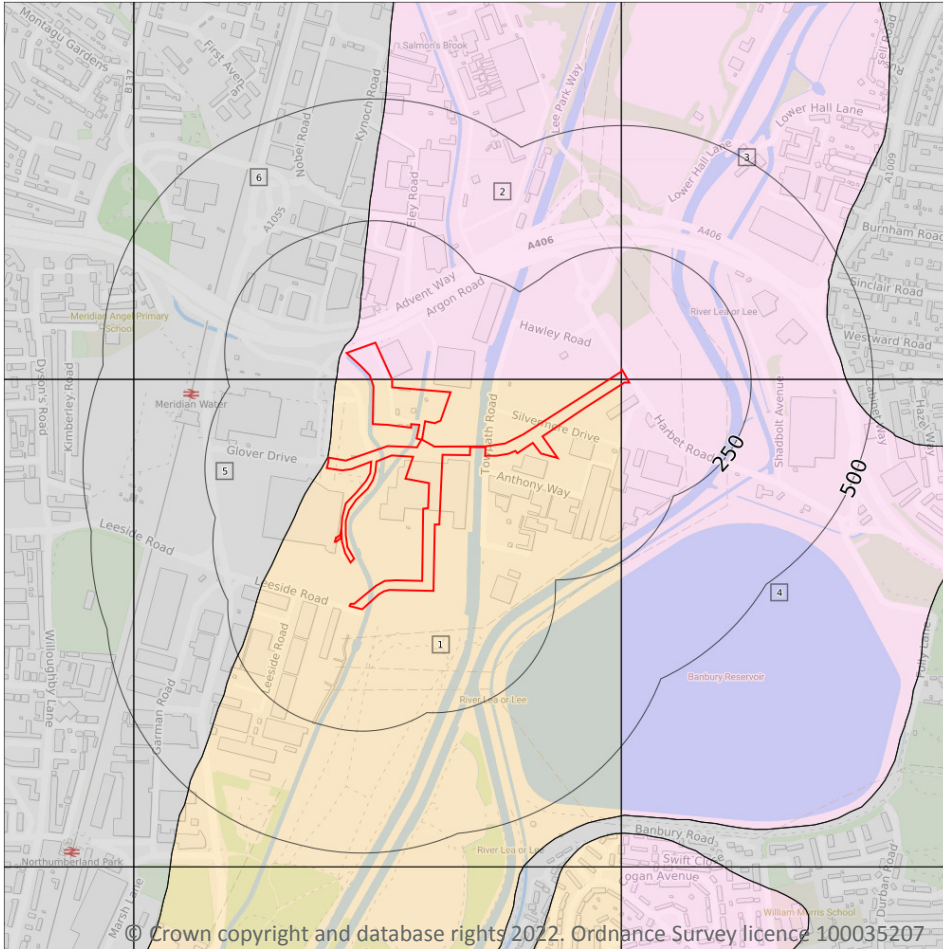
Features are displayed on the Bedrock aquifer map on **page 151**

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	396m 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.



Groundwater vulnerability



6.3 Groundwater vulnerability

Records within 50m

6

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 152**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
2	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
3	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
4	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
5	1m W	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
6	9m NW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed



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

6.4 Groundwater vulnerability- soluble rock risk

Records on site

0

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

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

6.5 Groundwater vulnerability- local information

Records on site

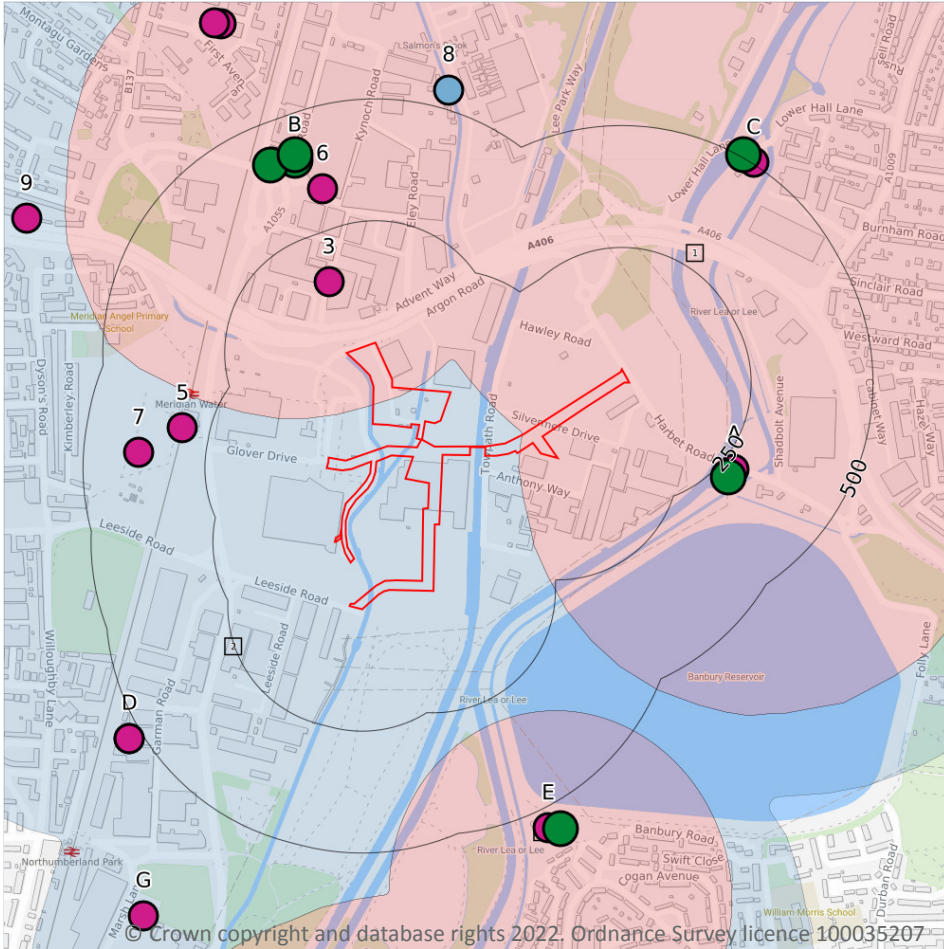
0

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

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



Abstractions and Source Protection Zones



6.6 Groundwater abstractions

Records within 2000m

36

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 155**

ID	Location	Details	
3	149m N	Status: Historical Licence No: 29/38/09/0087 Details: Process Water Direct Source: THAMES GROUNDWATER Point: ANGEL ROAD WORKS Data Type: Point Name: GREAT UNIVERSAL STORES LTD Easting: 535400 Northing: 192200	Annual Volume (m ³): 16593 Max Daily Volume (m ³): 45.46 Original Application No: - Original Start Date: 20/06/1966 Expiry Date: - Issue No: 100 Version Start Date: 13/01/1967 Version End Date: -
A	278m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREAVES PUMPING STATION - NLARS POINT 27 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536231 Northing: 191816	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	280m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREAVES PUMPING STATION - NLARS POINT 27 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536220 Northing: 191800	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
5	305m W	Status: Historical Licence No: 29/38/09/0175 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: WILLOUGHBY LANE, TOTTENHAM - 42 BOREHOLES Data Type: Point Name: SECONDSITE PROPERTY HOLDINGS LTD Easting: 535100 Northing: 191900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 26/07/2002 Expiry Date: 30/06/2004 Issue No: 2 Version Start Date: 21/10/2002 Version End Date: -
6	333m N	Status: Active Licence No: TH/038/0009/038 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON - BOREHOLE C Data Type: Point Name: Coca-Cola European Partners Great Britain Ltd Easting: 535387 Northing: 192391	Annual Volume (m ³): 876,000 Max Daily Volume (m ³): 2,400 Original Application No: NPS/WR/026492 Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 3 Version Start Date: 03/07/2017 Version End Date: -



ID	Location	Details	
7	387m W	Status: Historical Licence No: 29/38/09/0189 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: FORMER GAS WORKS, TOTTENHAM- BOREHOLE Data Type: Point Name: SECONDSITE PROPERTY HOLDINGS LTD Easting: 535010 Northing: 191850	Annual Volume (m ³): 100000 Max Daily Volume (m ³): 408 Original Application No: - Original Start Date: 06/07/2004 Expiry Date: 31/12/2008 Issue No: 1 Version Start Date: 06/07/2004 Version End Date: -
B	408m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192450	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 08/02/2005 Version End Date: -
B	408m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE A Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192450	Annual Volume (m ³): 438000 Max Daily Volume (m ³): 1200 Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 08/06/2005 Version End Date: -
B	411m N	Status: Historical Licence No: TH/038/0009/038 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE A Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535335 Northing: 192455	Annual Volume (m ³): 876000 Max Daily Volume (m ³): 2400 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/10/2014 Version End Date: -
B	416m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE B Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535280 Northing: 192440	Annual Volume (m ³): 438000 Max Daily Volume (m ³): 1200 Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 08/06/2005 Version End Date: -



ID	Location	Details	
B	418m N	Status: Historical Licence No: 29/38/09/0161 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: NOBEL ROAD BOREHOLE Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192460	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/07/1996 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 01/03/2000 Version End Date: -
B	419m N	Status: Historical Licence No: TH/038/0009/038 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE B Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535285 Northing: 192445	Annual Volume (m ³): 876000 Max Daily Volume (m ³): 2400 Original Application No: - Original Start Date: 01/04/2013 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 09/10/2014 Version End Date: -
C	503m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: CHINGFORD MILL - NLARS POINT 28 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536271 Northing: 192445	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
C	505m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOWER HALL LANE - NLARS POINT 28 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536250 Northing: 192460	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
D	526m SW	Status: Historical Licence No: TH/038/0009/007 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: EMPIRE LAUNDRY BOREHOLE Data Type: Point Name: Montagus Ltd Easting: 534991 Northing: 191264	Annual Volume (m ³): 56340 Max Daily Volume (m ³): 180 Original Application No: - Original Start Date: 27/11/2009 Expiry Date: 31/03/2019 Issue No: 1 Version Start Date: 27/11/2009 Version End Date: -



ID	Location	Details	
D	526m SW	Status: Active Licence No: TH/038/0009/007/R01 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: EMPIRE LAUNDRY BOREHOLE Data Type: Point Name: Empire Linen Services Limited Easting: 534991 Northing: 191264	Annual Volume (m ³): 56,340 Max Daily Volume (m ³): 180 Original Application No: NPS/WR/036521 Original Start Date: 01/04/2019 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 24/11/2021 Version End Date: -
E	540m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WATERHALL - NLARS POINT 38 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535850 Northing: 191080	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
E	553m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WATERHALL - NLARS POINT 38 Data Type: Point Name: Thames Water Utilities Ltd Easting: 535875 Northing: 191078	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
9	712m NW	Status: Historical Licence No: 29/38/09/0181 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: POINT 'A' AT ABERDEEN ROAD, EDMONTON, LONDON. Data Type: Point Name: HIGGINS HOMES LIMITED Easting: 534780 Northing: 192330	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 28/03/2002 Expiry Date: 30/04/2004 Issue No: 1 Version Start Date: 28/03/2002 Version End Date: -
F	723m N	Status: Historical Licence No: 29/38/08/0264 Details: Process Water Direct Source: THAMES GROUNDWATER Point: EDMONTON CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 535180 Northing: 192730	Annual Volume (m ³): 48024 Max Daily Volume (m ³): 174 Original Application No: - Original Start Date: 16/05/2006 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 13/08/2012 Version End Date: -



ID	Location	Details	
F	730m N	Status: Active Licence No: TH/038/0009/039 Details: Process Water Direct Source: THAMES GROUNDWATER Point: EDMONTON CONCRETE PLANT-BOREHOLE Data Type: Point Name: HANSON QUARRY PRODUCTS EUROPE LTD Easting: 535165 Northing: 192732	Annual Volume (m ³): 38,000 Max Daily Volume (m ³): 174 Original Application No: NPS/WR/009198 Original Start Date: 02/05/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 02/05/2013 Version End Date: -
G	762m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: PARK WELL - NLARS POINT 26 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535020 Northing: 190900	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	958m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SW - NLARS POINT 48 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536190 Northing: 192960	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	971m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SW - NLARS POINT 48 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536204 Northing: 192970	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	996m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SE - NLARS POINT 47 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536450 Northing: 192910	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1011m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SE - NLARS POINT 47 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536452 Northing: 192926	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1048m NW	Status: Historical Licence No: 29/38/09/0184 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: SINCLAIR LAUNDRY, EDMONTON-POINT A Data Type: Point Name: THE IMPERIAL LONDON HOTELS LTD Easting: 534700 Northing: 192800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/12/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 18/12/2003 Version End Date: -
-	1048m NW	Status: Historical Licence No: 29/38/09/0184 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: SINCLAIR LAUNDRY, EDMONTON - BOREHOLE Data Type: Point Name: THE IMPERIAL LONDON HOTELS LTD Easting: 534700 Northing: 192800	Annual Volume (m ³): 75000 Max Daily Volume (m ³): 300 Original Application No: - Original Start Date: 18/12/2003 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 18/12/2003 Version End Date: -
-	1056m NW	Status: Active Licence No: TH/038/0009/037 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: SINCLAIR LAUNDRY, EDMONTON - BOREHOLE Data Type: Point Name: THE IMPERIAL LONDON HOTELS LTD Easting: 534704 Northing: 192815	Annual Volume (m ³): 55,000 Max Daily Volume (m ³): 300 Original Application No: NPS/WR/009203 Original Start Date: 03/04/2013 Expiry Date: 31/03/2025 Issue No: 1 Version Start Date: 03/04/2013 Version End Date: -
-	1115m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BLACKHORSE LANE - NLARS POINT 25 Data Type: Point Name: Thames Water Utilities Ltd Easting: 535559 Northing: 190417	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1151m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOCKWOOD RESERVOIR - NLARS POINT 25 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535550 Northing: 190380	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1392m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: FLANDERS WEIR - NLARS POINT 29 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536718 Northing: 193214	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1397m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: FLANDERS WEIR - NLARS POINT 29 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536750 Northing: 193200	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1679m W	Status: Historical Licence No: 29/38/09/0072 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: THAMES GROUNDWATER Point: 881 HIGH ROAD, TOTTENHAM- BOREHOLE Data Type: Point Name: CANNON AUTOMOTIVE LTD Easting: 533720 Northing: 191710	Annual Volume (m ³): 9092 Max Daily Volume (m ³): 219 Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 31/05/2005 Version End Date: -
-	1699m W	Status: Historical Licence No: 29/38/09/0072 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: THAMES GROUNDWATER Point: 881 HIGH ROAD, TOTTENHAM Data Type: Point Name: CANNON RUBBER LTD Easting: 533700 Northing: 191700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 30/12/1977 Version End Date: -



ID	Location	Details	
-	1820m E	Status: Historical Licence No: 29/38/09/0117 Details: Large Garden Watering Direct Source: THAMES GROUNDWATER Point: THE STADIUM, WALTHAMSTOW Data Type: Point Name: WALTHAMSTOW STADIUM LTD Easting: 537700 Northing: 191300	Annual Volume (m ³): 21818 Max Daily Volume (m ³): 72.7 Original Application No: - Original Start Date: 20/06/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -

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

6.7 Surface water abstractions

Records within 2000m	2
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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 155**

ID	Location	Details	
8	540m N	Status: Active Licence No: TH/038/0009/049 Details: Evaporative Cooling Direct Source: THAMES SURFACE WATER - NON TIDAL Point: SALMONS BROOK Data Type: Point Name: LondonEnergy Ltd Easting: 535646 Northing: 192594	Annual Volume (m ³): 111,600 Max Daily Volume (m ³): 3,600 Original Application No: NPS/WR/027173 Original Start Date: 03/09/2015 Expiry Date: 31/03/2025 Issue No: 2 Version Start Date: 26/09/2017 Version End Date: -
-	1371m NE	Status: Active Licence No: 29/38/08/0194 Details: Potable Water Supply - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: CHINGFORD SUPPLY CHANNEL - RIVER LEE DIVERSION Data Type: Point Name: Thames Water Utilities Ltd Easting: 536700 Northing: 193200	Annual Volume (m ³): 200,937,400 Max Daily Volume (m ³): 2,636,735 Original Application No: RS1266 Original Start Date: 20/09/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/09/1966 Version End Date: -

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



6.8 Potable abstractions

Records within 2000m
20

Licensed potable 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 155**

ID	Location	Details	
A	278m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREAVES PUMPING STATION - NLARS POINT 27 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536231 Northing: 191816	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
A	280m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: GREAVES PUMPING STATION - NLARS POINT 27 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536220 Northing: 191800	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
B	408m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192450	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 1 Version Start Date: 08/02/2005 Version End Date: -
B	408m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE A Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192450	Annual Volume (m ³): 438000 Max Daily Volume (m ³): 1200 Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 08/06/2005 Version End Date: -



ID	Location	Details	
B	416m N	Status: Historical Licence No: 29/38/09/0192 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: COCA COLA, EDMONTON-BOREHOLE B Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535280 Northing: 192440	Annual Volume (m ³): 438000 Max Daily Volume (m ³): 1200 Original Application No: - Original Start Date: 08/02/2005 Expiry Date: 31/03/2013 Issue No: 2 Version Start Date: 08/06/2005 Version End Date: -
B	418m N	Status: Historical Licence No: 29/38/09/0161 Details: Water Bottling Direct Source: THAMES GROUNDWATER Point: NOBEL ROAD BOREHOLE Data Type: Point Name: COCA-COLA ENTERPRISES LTD Easting: 535330 Northing: 192460	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/07/1996 Expiry Date: 31/12/2004 Issue No: 100 Version Start Date: 01/03/2000 Version End Date: -
C	503m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: CHINGFORD MILL - NLARS POINT 28 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536271 Northing: 192445	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
C	505m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOWER HALL LANE - NLARS POINT 28 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536250 Northing: 192460	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
E	540m SE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WATERHALL - NLARS POINT 38 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535850 Northing: 191080	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
E	553m SE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WATERHALL - NLARS POINT 38 Data Type: Point Name: Thames Water Utilities Ltd Easting: 535875 Northing: 191078	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
G	762m SW	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: PARK WELL - NLARS POINT 26 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535020 Northing: 190900	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	958m N	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SW - NLARS POINT 48 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536190 Northing: 192960	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	971m N	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SW - NLARS POINT 48 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536204 Northing: 192970	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	996m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SE - NLARS POINT 47 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536450 Northing: 192910	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -



ID	Location	Details	
-	1011m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: WILLIAM GIRLING SE - NLARS POINT 47 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536452 Northing: 192926	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1115m S	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: BLACKHORSE LANE - NLARS POINT 25 Data Type: Point Name: Thames Water Utilities Ltd Easting: 535559 Northing: 190417	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -
-	1151m S	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: LOCKWOOD RESERVOIR - NLARS POINT 25 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 535550 Northing: 190380	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -
-	1371m NE	Status: Active Licence No: 29/38/08/0194 Details: Potable Water Supply - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: CHINGFORD SUPPLY CHANNEL - RIVER LEE DIVERSION Data Type: Point Name: Thames Water Utilities Ltd Easting: 536700 Northing: 193200	Annual Volume (m ³): 200,937,400 Max Daily Volume (m ³): 2,636,735 Original Application No: RS1266 Original Start Date: 20/09/1966 Expiry Date: - Issue No: 100 Version Start Date: 20/09/1966 Version End Date: -
-	1392m NE	Status: Active Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: FLANDERS WEIR - NLARS POINT 29 Data Type: Point Name: Thames Water Utilities Ltd Easting: 536718 Northing: 193214	Annual Volume (m ³): 65,700,000 Max Daily Volume (m ³): 275,000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 104 Version Start Date: 23/07/2013 Version End Date: -



ID	Location	Details	
-	1397m NE	Status: Historical Licence No: 29/38/09/0157 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: FLANDERS WEIR - NLARS POINT 29 Data Type: Point Name: THAMES WATER UTILITIES LTD Easting: 536750 Northing: 193200	Annual Volume (m ³): - Max Daily Volume (m ³): 275000 Original Application No: - Original Start Date: 26/06/1995 Expiry Date: - Issue No: 103 Version Start Date: 16/10/2007 Version End Date: -

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

6.9 Source Protection Zones

Records within 500m	3
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Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

Features are displayed on the Abstractions and Source Protection Zones map on **page 155**

ID	Location	Type	Description
1	On site	1	Inner catchment
2	On site	2	Outer catchment
4	298m SE	1	Inner catchment

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

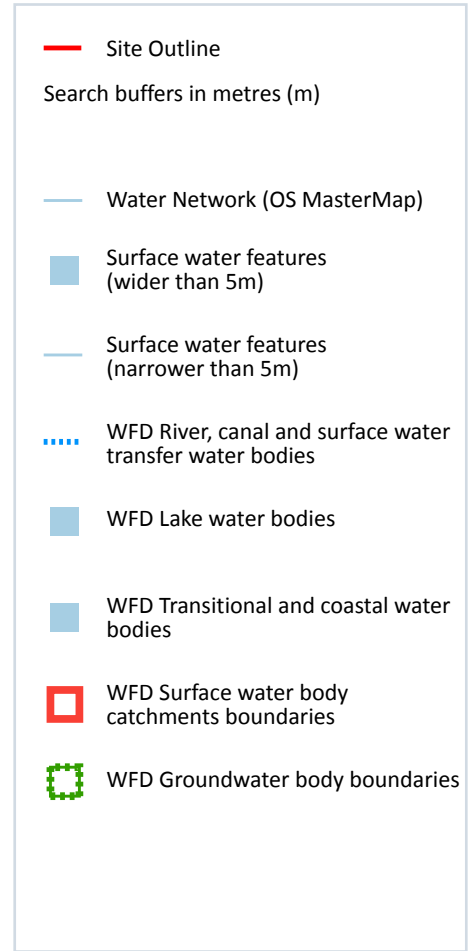
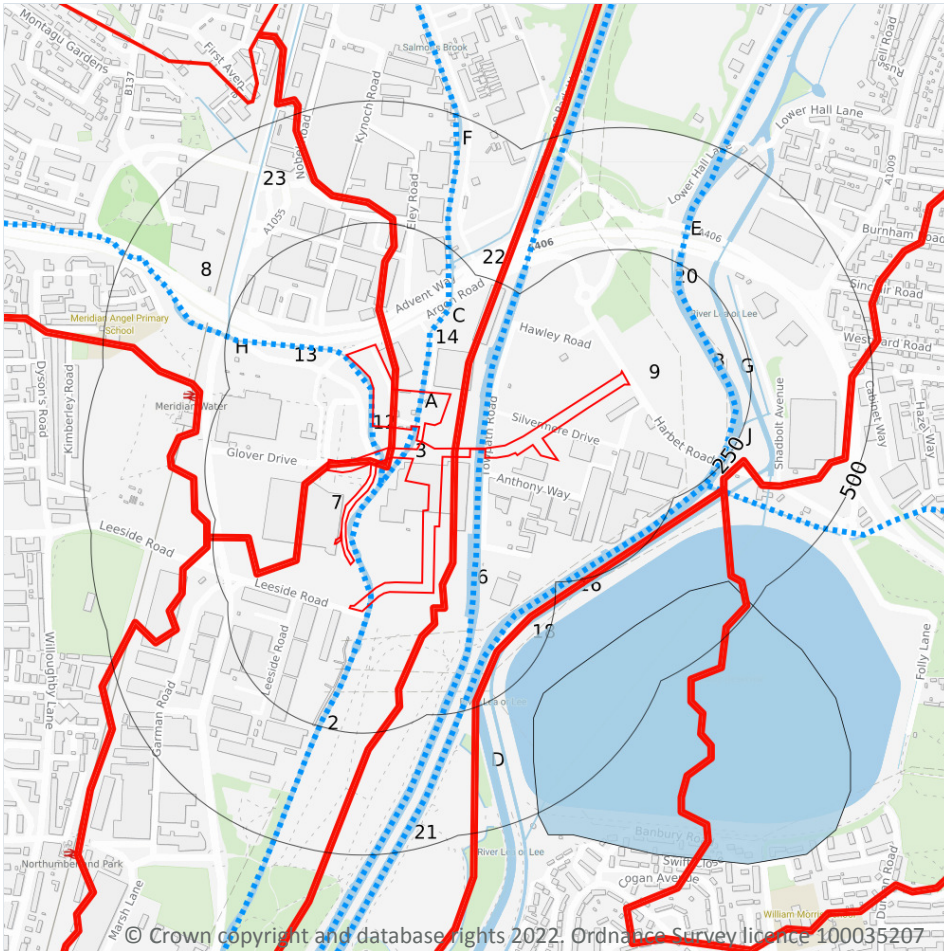
6.10 Source Protection Zones (confined aquifer)

Records within 500m	0
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Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

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

7 Hydrology



7.1 Water Network (OS MasterMap)

Records within 250m

29

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 169**

ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pymme's Brook

ID	Location	Type of water feature	Ground level	Permanence	Name
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
12	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pymme's Brook
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
13	4m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pymme's Brook
14	80m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
16	153m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
C	167m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
B	176m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
C	176m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
18	183m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
20	213m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
21	213m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
D	213m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
E	213m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
C	215m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
H	226m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pymme's Brook
G	228m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
C	230m NE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
F	230m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Salmon's Brook
I	230m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	234m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee
J	234m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	240m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
23	244m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
H	244m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Pymme's Brook
I	245m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Lee

This data is sourced from the Ordnance Survey.

7.2 Surface water features

Records within 250m

7

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 169**

This data is sourced from the Ordnance Survey.

7.3 WFD Surface water body catchments

Records on site

3

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 169**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
7	On site	River	Pymmes and Salmon Brooks - Deephams STW to Tottenham Locks	GB106038027910	Lee Lower Rivers and Lakes	London
8	On site	River	Pymmes Brook upstream Salmon Brook confluence	GB106038027940	Lee Lower Rivers and Lakes	London
9	On site	River	Lea Navigation Enfield Lock to Tottenham Locks	GB106038027950	Lee Lower Rivers and Lakes	London

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



7.4 WFD Surface water bodies

Records identified
3

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 169**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
4	On site	River	Pymmes Brook upstream Salmon Brook confluence	GB106038027940	Moderate	Fail	Moderate	2019
10	On site	River	Pymmes and Salmon Brooks - Deephams STW to Tottenham Locks	GB106038027910	Moderate	Fail	Moderate	2019
11	On site	River	Lea Navigation Enfield Lock to Tottenham Locks	GB106038027950	Poor	Fail	Poor	2019

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

7.5 WFD Groundwater bodies

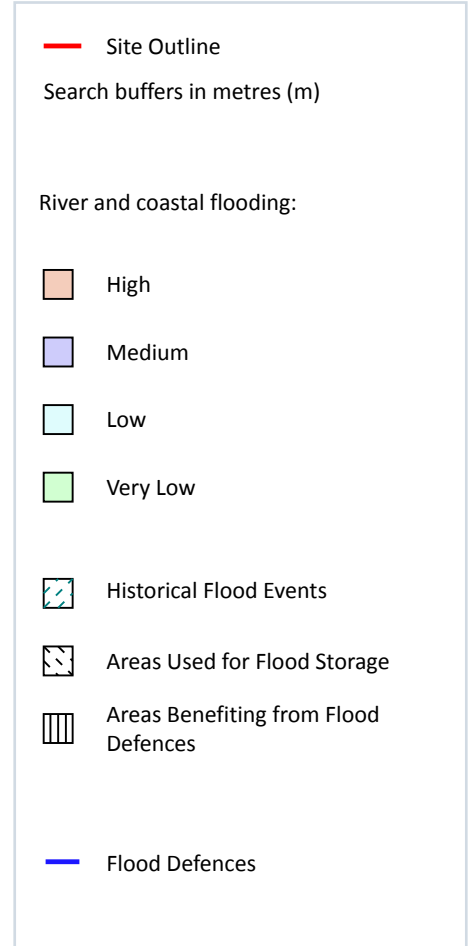
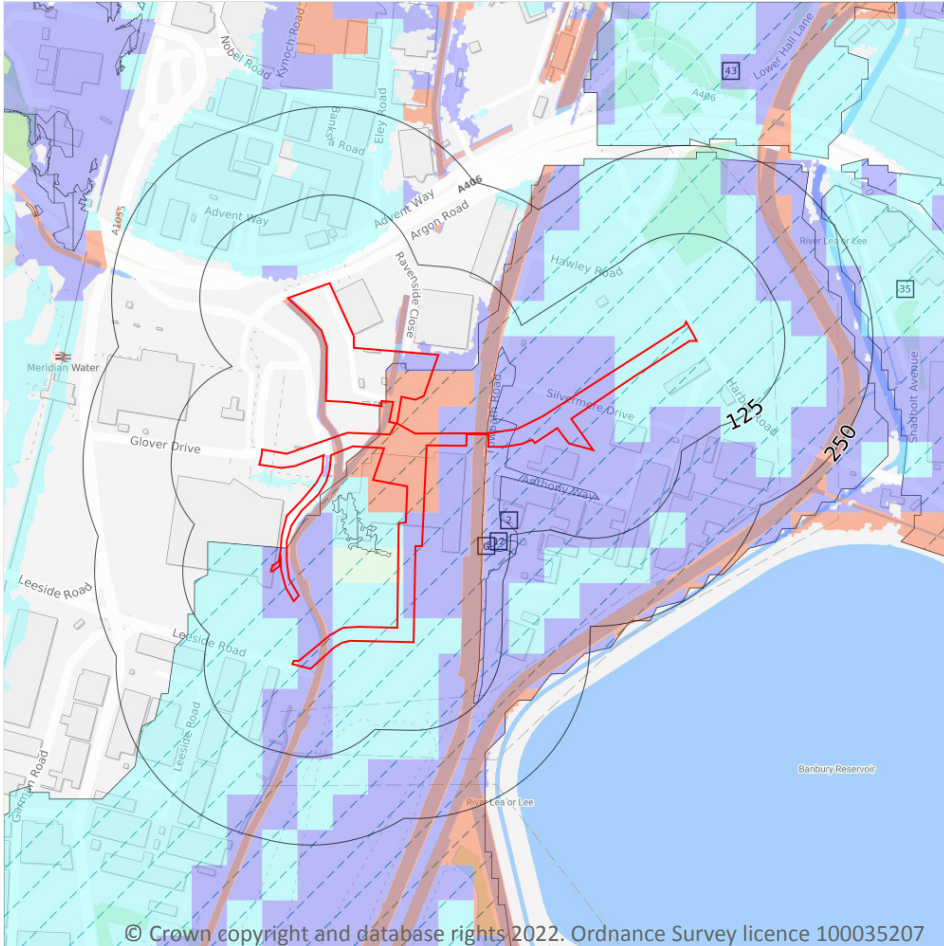
Records on site
0

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

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



8 River and coastal flooding



8.1 Risk of flooding from rivers and the sea

Records within 50m

29

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 174**



Distance	Flood risk category
On site	High
0 - 50m	High

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

8.2 Historical Flood Events

Records within 250m	7
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 174**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	On site	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
12	On site	06octoberautumn2006	2006-11-26 2006-11-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	88m E	06octoberautumn2006	2006-11-26 2006-11-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	93m E	06octoberautumn2006	2006-11-26 2006-11-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	94m E	06octoberautumn2006	2006-11-26 2006-11-27	Main river	Channel capacity exceeded (no raised defences)	Fluvial
35	228m NE	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
43	250m N	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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



8.3 Flood Defences

Records within 250m

0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

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

8.4 Areas Benefiting from Flood Defences

Records within 250m

1

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 174**

ID	Location	
D	10m W	Area benefiting from flood defences

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

8.5 Flood Storage Areas

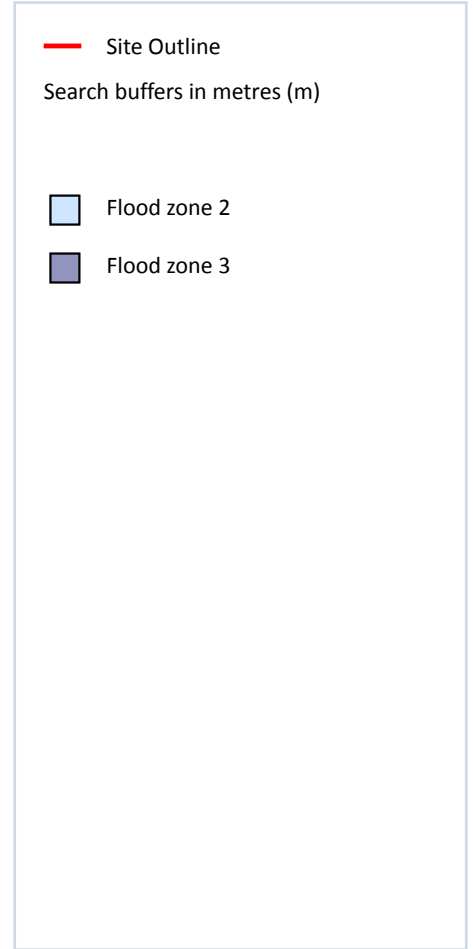
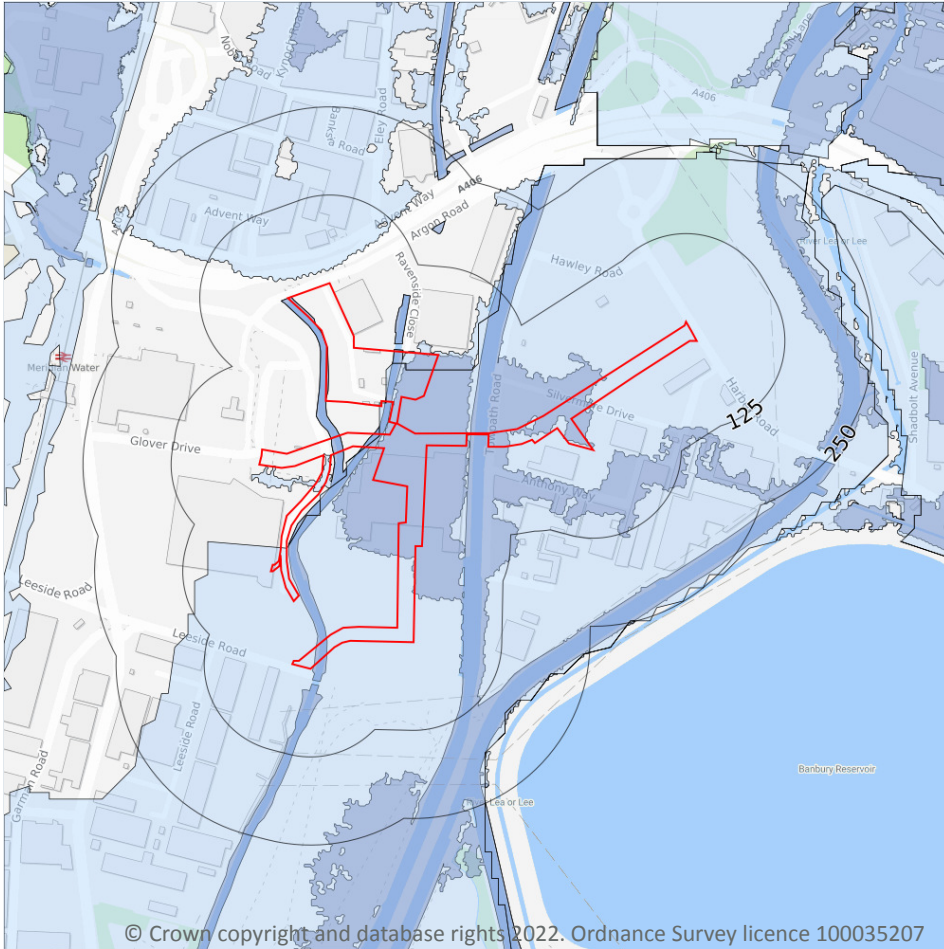
Records within 250m

0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

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

River and coastal flooding - Flood Zones



8.6 Flood Zone 2

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

Features are displayed on the River and coastal flooding map on **page 174**

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

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

8.7 Flood Zone 3

Records within 50m

1

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

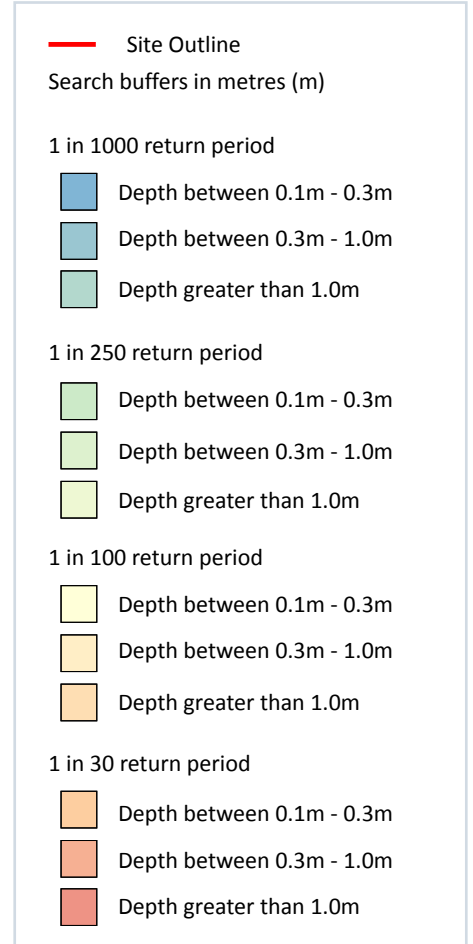
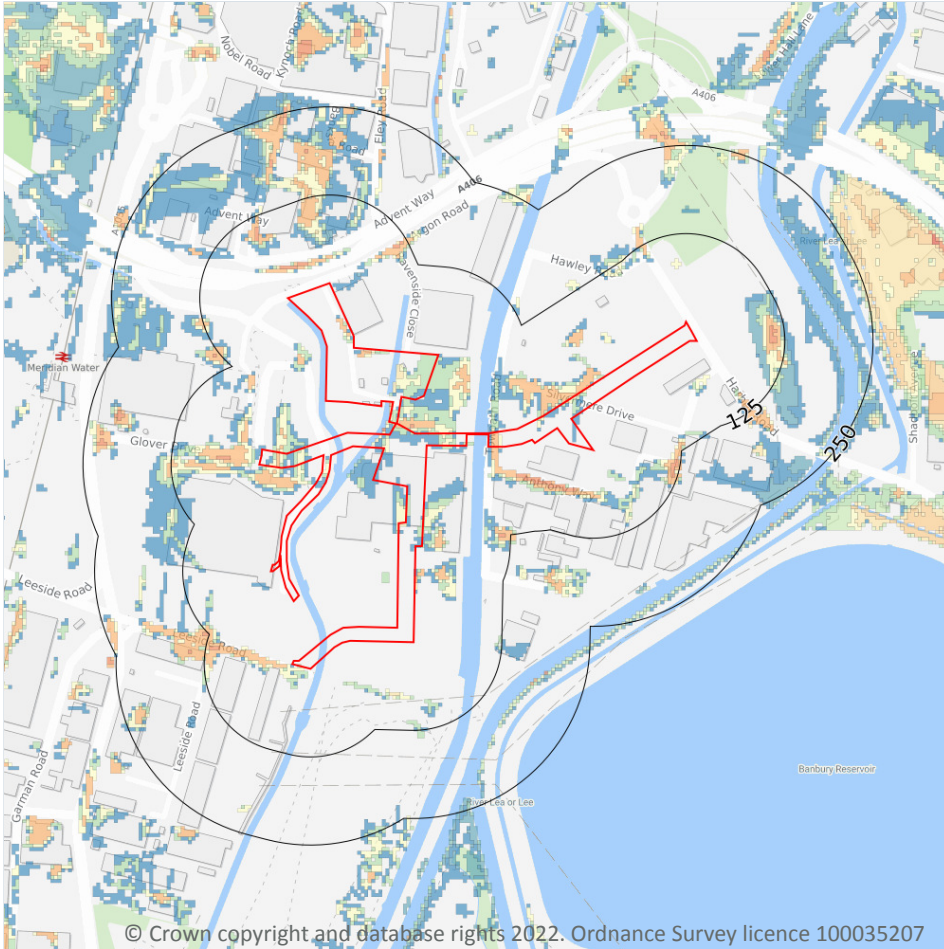
Features are displayed on the River and coastal flooding map on **page 174**

Location	Type
On site	Zone 3 - (Fluvial Models)

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



9 Surface water flooding



9.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 179**

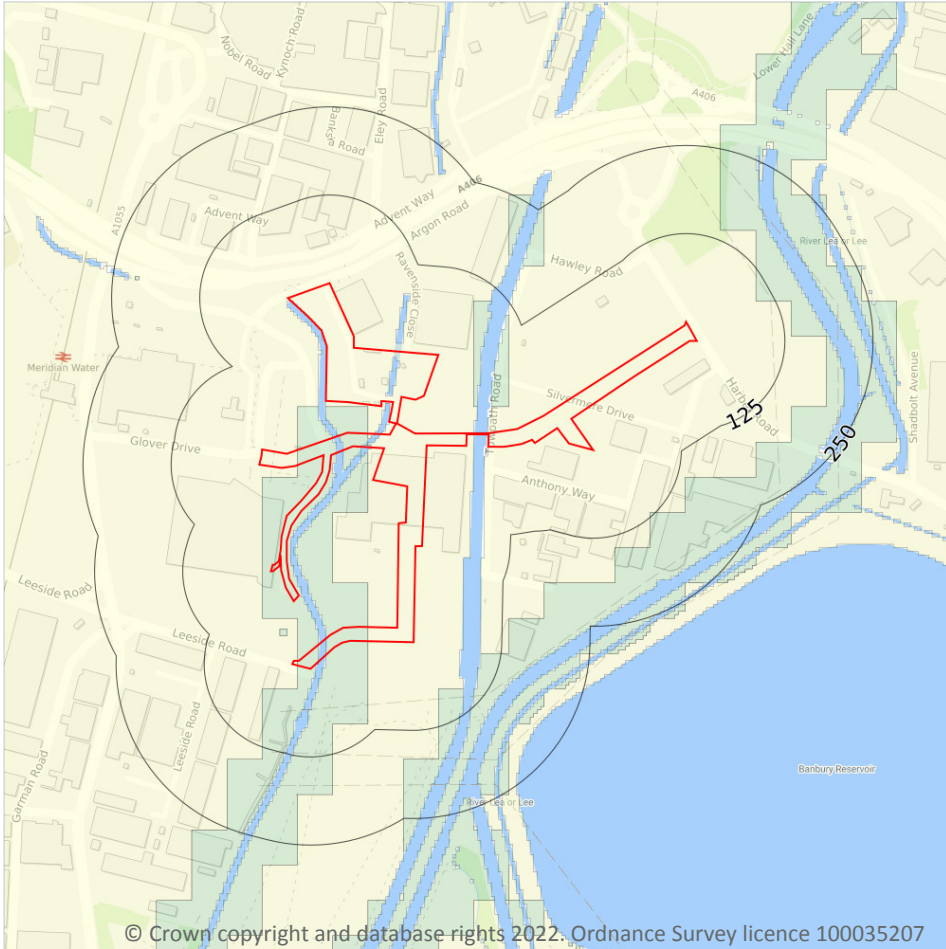
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

a site. The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiental Risk Analytics.

10 Groundwater flooding



10.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

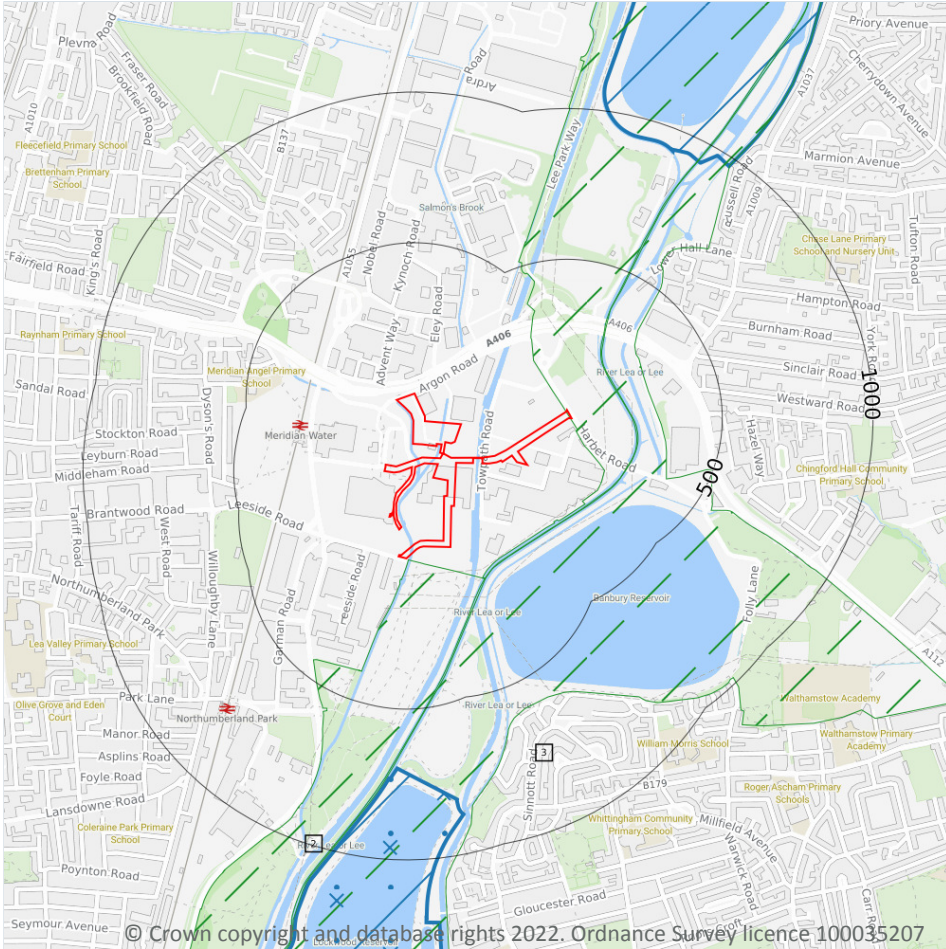
Moderate

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 181**

This data is sourced from Ambiantal Risk Analytics.

11 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- X Conserved wetland sites (Ramsar sites)
- Special Protection Areas (SPA)
- + Local Nature Reserves (LNR)
- / Designated Ancient Woodland
- / Green Belt

11.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

2

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Name	Data source
A	697m S	Walthamstow Reservoirs	Natural England



ID	Location	Name	Data source
4	928m N	Chingford Reservoirs	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	1
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Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Site	Details
A	697m S	Name: Lee Valley Site status: Listed Data source: Natural England	Overview: The Lee Valley comprises a series of embanked water supply reservoirs, sewage treatment lagoons and former gravel pits along approximately 24 km of the valley. These waterbodies support internationally important numbers of wintering gadwall and shoveler and nationally important numbers of several other bird species. The site also contains a range of wetland and valley bottom habitats, both man-made and semi-natural, which support a diverse range of wetland fauna and flora. Ramsar criteria: Ramsar Criterion 2 The site supports the nationally scarce plant species whorled water-milfoil <i>Myriophyllum verticillatum</i> and the rare or vulnerable invertebrate <i>Micronecta minutissima</i> (a water-boatman).

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 Special Areas of Conservation (SAC)

Records within 2000m	0
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Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.4 Special Protection Areas (SPA)

Records within 2000m

2

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Name	Species of interest	Habitat description	Data source
A	697m S	Lee Valley	Great bittern; Gadwall; Northern shoveler	Improved grassland; Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Broad-leaved deciduous woodland	Natural England
-	1634m S	Lee Valley	Great bittern; Gadwall; Northern shoveler	Improved grassland; Bogs, Marshes, Water fringed vegetation, Fens; Inland water bodies (Standing water, Running water); Humid grassland, Mesophile grassland; Other land (including Towns, Villages, Roads, Waste places, Mines, Industrial sites); Broad-leaved deciduous woodland	Natural England

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.5 National Nature Reserves (NNR)

Records within 2000m

0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.6 Local Nature Reserves (LNR)

Records within 2000m

1

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Name	Data source
-	1697m E	Ainslie Wood	Natural England



This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.7 Designated Ancient Woodland

Records within 2000m

1

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Name	Woodland Type
-	1697m E	Unknown	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.8 Biosphere Reserves

Records within 2000m

0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.9 Forest Parks

Records within 2000m

0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

11.10 Marine Conservation Zones

Records within 2000m

0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.



11.11 Green Belt

Records within 2000m

3

Areas designated to prevent urban sprawl by keeping land permanently open.

Features are displayed on the Environmental designations map on **page 182**

ID	Location	Name	Local Authority name
1	On site	London	Enfield
2	8m SE	London	Haringey
3	155m SE	London	Waltham Forest

This data is sourced from the Ministry of Housing, Communities and Local Government.

11.12 Proposed Ramsar sites

Records within 2000m

0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

11.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

11.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.



11.15 Nitrate Sensitive Areas

Records within 2000m**0**

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

11.16 Nitrate Vulnerable Zones

Records within 2000m**2**

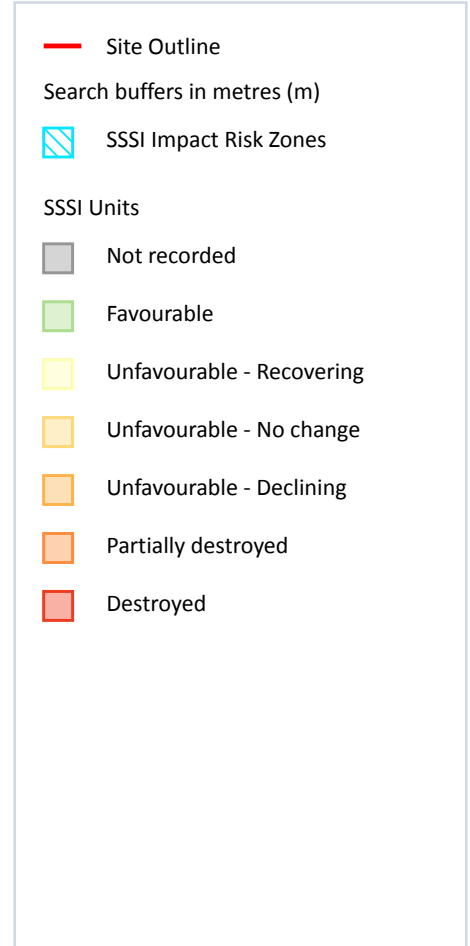
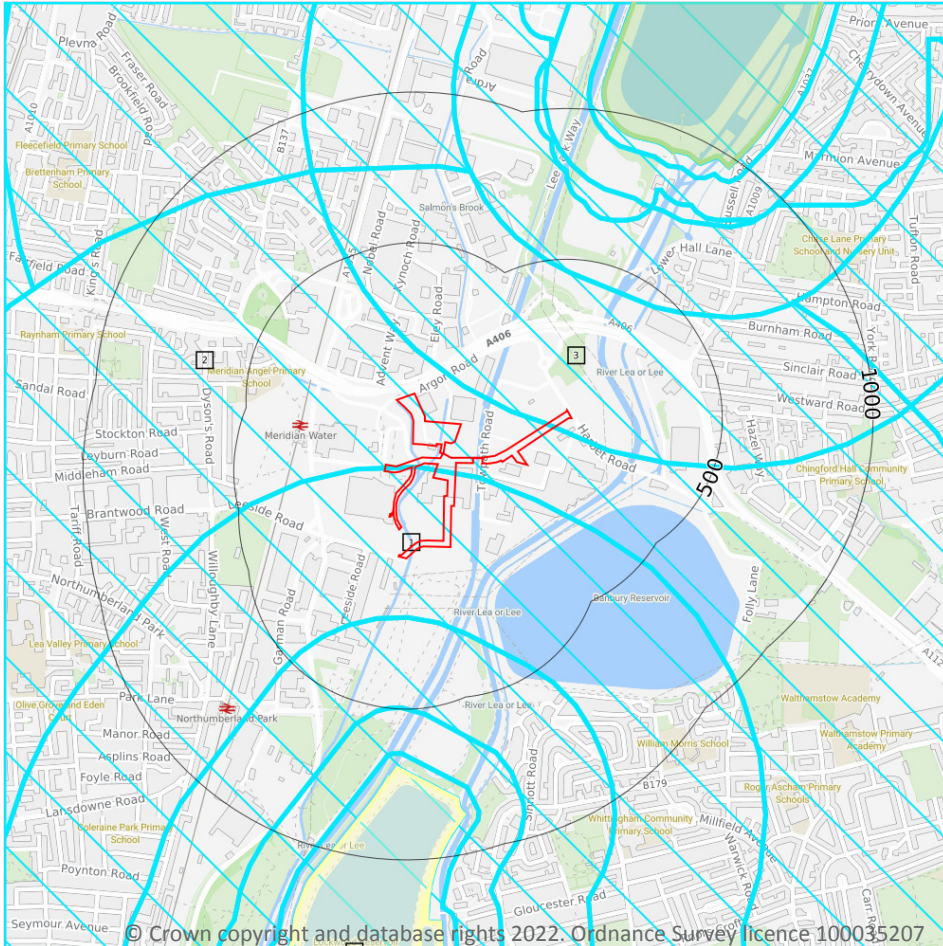
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	LEE NVZ	Surface Water	443	Existing
1304m W	LEE NVZ	Surface Water	443	Existing

This data is sourced from Natural England and Natural Resources Wales.



SSSI Impact Zones and Units



11.17 SSSI Impact Risk Zones

Records on site

3

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 188**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 2m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p> <p>Notes: For new residential development in this area an hra is required on the likely significant effects of recreation on epping forest sac. for developments within 3km of the sac, financial contributions are expected to offset recreational impacts.</p>

ID	Location	Type of developments requiring consultation
2	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 100 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where total net additional gross internal floorspace following development is 1,000m² or more.</p> <p>Notes: For new residential development in this area an hra is required on the likely significant effects of recreation on epping forest sac. for developments within 3km of the sac, financial contributions are expected to offset recreational impacts.</p>

ID	Location	Type of developments requiring consultation
3	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Wind turbines.</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction.</p> <p>Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).</p> <p>Combustion - General combustion processes >20mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Landfill. incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 5m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .</p> <p>Notes: For new residential development in this area an hra is required on the likely significant effects of recreation on epping forest sac. for developments within 3km of the sac, financial contributions are expected to offset recreational impacts.</p>

This data is sourced from Natural England.

11.18 SSSI Units

Records within 2000m

4

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

Features are displayed on the SSSI Impact Zones and Units map on **page 188**

ID: 7
 Location: 697m S
 SSSI name: Walthamstow Reservoirs
 Unit name: Lockwood Reservoir
 Broad habitat: Standing Open Water And Canals
 Condition: Unfavourable - Recovering
 Reportable features:



Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Grey heron, Ardea cinerea	Unfavourable - No change	05/01/2022
Aggregations of breeding birds - Pochard, Aythya ferina	Favourable	05/01/2022
Aggregations of breeding birds - Tufted duck, Aythya fuligula	Unfavourable - Recovering	05/01/2022
Aggregations of non-breeding birds - Cormorant, Phalacrocorax carbo carbo	Favourable	05/01/2022
Aggregations of non-breeding birds - Shoveler, Anas clypeata	Favourable	28/03/2014
Aggregations of non-breeding birds - Tufted duck, Aythya fuligula	Favourable	28/03/2014

ID: 13
Location: 928m N
SSSI name: Chingford Reservoirs
Unit name: William Girling Reservoir
Broad habitat: Standing Open Water And Canals
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Great crested grebe, Podiceps cristatus	Favourable	05/01/2022
Aggregations of non-breeding birds - Shoveler, Anas clypeata	Favourable	05/01/2022

ID: 15
Location: 1108m S
SSSI name: Walthamstow Reservoirs
Unit name: High Maynard Reservoir -Inc Old Island Units 18,19
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Grey heron, Ardea cinerea	Unfavourable - Recovering	28/03/2014
Aggregations of breeding birds - Pochard, Aythya ferina	Favourable	28/03/2014
Aggregations of breeding birds - Tufted duck, Aythya fuligula	Favourable	28/03/2014
Aggregations of non-breeding birds - Cormorant, Phalacrocorax carbo carbo	Favourable	28/03/2014
Aggregations of non-breeding birds - Shoveler, Anas clypeata	Favourable	28/03/2014
Aggregations of non-breeding birds - Tufted duck, Aythya fuligula	Favourable	28/03/2014



ID: -
Location: 1586m S
SSSI name: Walthamstow Reservoirs
Unit name: Low Maynard Reservoir
Broad habitat: Standing Open Water And Canals
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Grey heron, <i>Ardea cinerea</i>	Unfavourable - Recovering	28/03/2014
Aggregations of breeding birds - Pochard, <i>Aythya ferina</i>	Favourable	28/03/2014
Aggregations of breeding birds - Tufted duck, <i>Aythya fuligula</i>	Favourable	28/03/2014
Aggregations of non-breeding birds - Cormorant, <i>Phalacrocorax carbo carbo</i>	Favourable	28/03/2014
Aggregations of non-breeding birds - Shoveler, <i>Anas clypeata</i>	Favourable	28/03/2014
Aggregations of non-breeding birds - Tufted duck, <i>Aythya fuligula</i>	Favourable	28/03/2014

This data is sourced from Natural England and Natural Resources Wales.



12 Visual and cultural designations

12.1 World Heritage Sites

Records within 250m

0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.2 Area of Outstanding Natural Beauty

Records within 250m

0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

12.3 National Parks

Records within 250m

0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

12.4 Listed Buildings

Records within 250m

0

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.



This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.5 Conservation Areas

Records within 250m

0

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.6 Scheduled Ancient Monuments

Records within 250m

0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12.7 Registered Parks and Gardens

Records within 250m

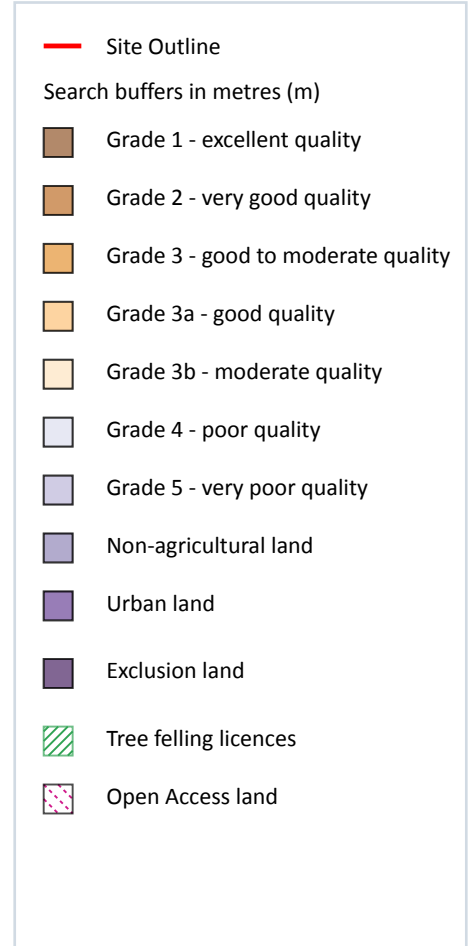
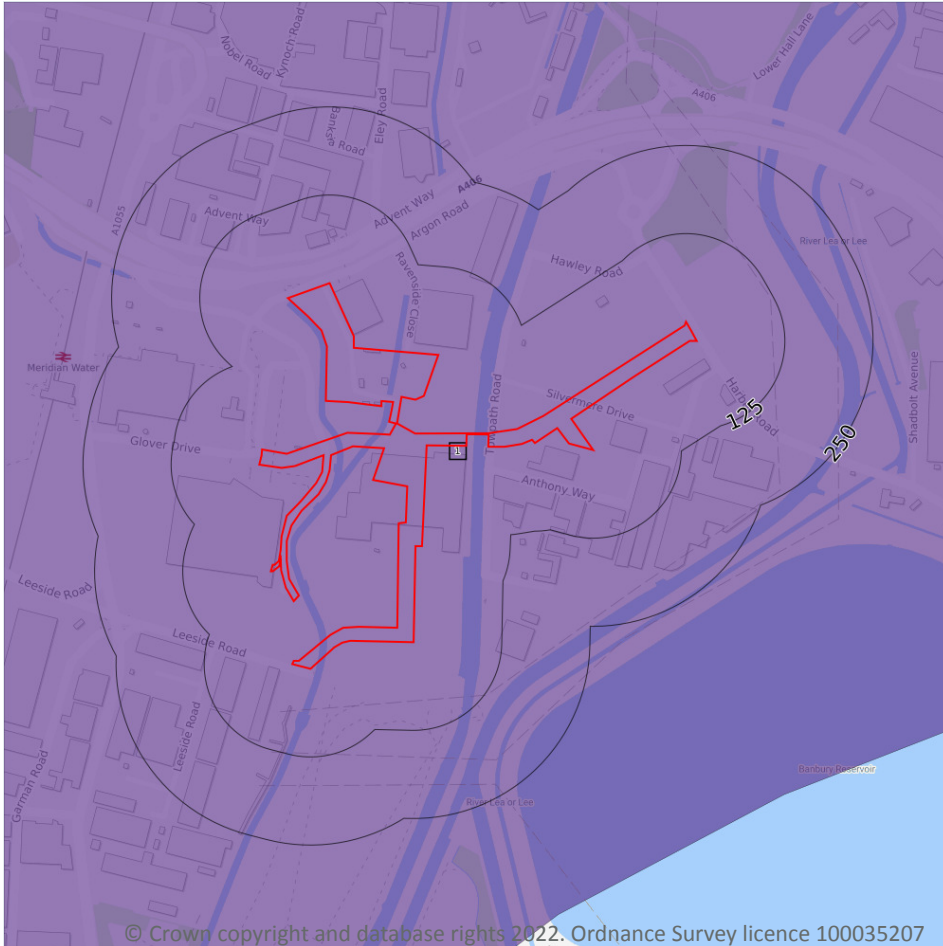
0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.



13 Agricultural designations



13.1 Agricultural Land Classification

Records within 250m

1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 196**

ID	Location	Classification	Description
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1	On site	Urban	-
---	---------	-------	---

This data is sourced from Natural England.

13.2 Open Access Land

Records within 250m

0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

13.3 Tree Felling Licences

Records within 250m

0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

13.4 Environmental Stewardship Schemes

Records within 250m

1

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
16m S	AG00426535	Higher Level Stewardship	01/03/2013	28/02/2023

This data is sourced from Natural England.

13.5 Countryside Stewardship Schemes

Records within 250m

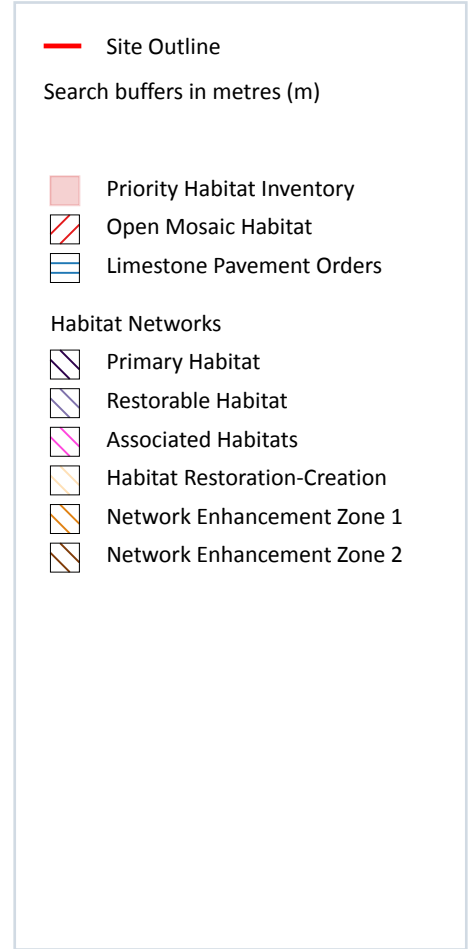
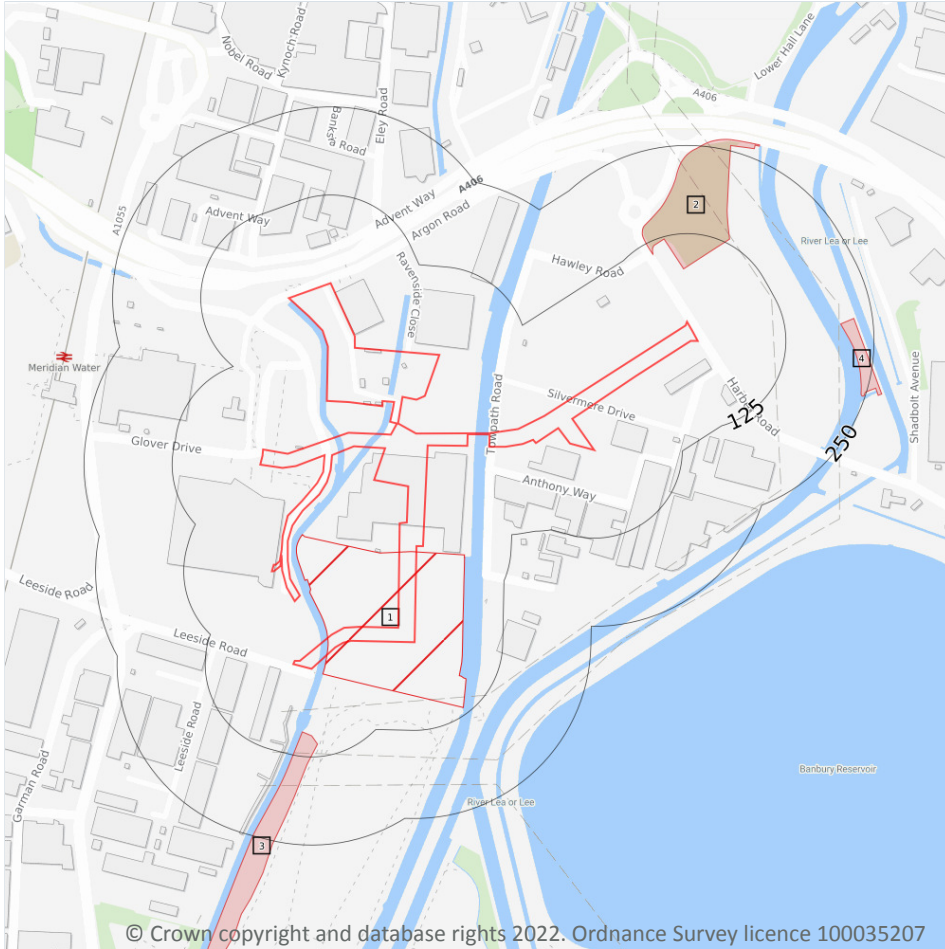
0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.



14 Habitat designations



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14.1 Priority Habitat Inventory

Records within 250m

3

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 198**

ID	Location	Main Habitat	Other habitats
2	75m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	90m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	204m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

14.2 Habitat Networks

Records within 250m

0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

14.3 Open Mosaic Habitat

Records within 250m

1

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

Features are displayed on the Habitat designations map on **page 198**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
1	On site	-	Low	UK Perspectives Aerial Photography	-	-

This data is sourced from Natural England.

14.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see <https://www.groundsure.com/sources-reference>.

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