

NAVIGATOR QUARTER, LAND ADJACENT TO SOUTHAMPTON AIRPORT

PRELIMINARY RISK ASSESSMENT

HYBRID PLANNING APPLICATION

FEBRUARY 2025

blocwork (Eastleigh) LLP
&
Southampton International Airport Ltd

NAVIGATOR QUARTER

Intelligent Ground Solutions

Preliminary Risk Assessment

Navigator Quarter, Southampton
Mitchell Way, SO50 5QJ

For Blocwork (Eastleigh) LLP and AGS Airports Group Limited

27 February 2025
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Executive Summary

Brief	The study was undertaken prior to the proposed redevelopment of the site for a commercial/light industrial end use to assess potential contamination risks.
Site Location	Navigator Quarter, Southampton, Mitchell Way, SO50 5QJ. Grid reference 445940, 117680. The site currently comprises an access road and disused car parking area associated with Southampton International Airport in the west, fallow grassland in the east and northeast, separated by a historical railway embankment which is densely vegetated. Infrastructure (blast barriers and lighting) associated with the adjacent runway are present in the north and southeast of the site.
Site History	Earliest available historical mapping shows that the site largely comprised agricultural land with a farm (North Stoneham Farm) in the southeastern corner. By the early 1900s a railway line was noted along the northern boundary, dissecting the site in an approximate east-west orientation. Two gravel pits were also noted during this time in the northwestern and southeastern corners. The site has been associated with a use as an airfield/airport since 1910, originally known as Eastleigh Airfield. The area was then used by the United States during WWI and by the RAF in WWII, with the area known as RAF Eastleigh before becoming RAF Southampton, and later RNAS Eastleigh (HMS Raven) as a training ground for the Royal Navy. Development was historically present in the southern area associated with the military use (likely barracks) and currently in the northwest associated with disused airport car parking. The majority of the site (eastern and northeastern field) has remained undeveloped throughout history.
Environmental Setting	The site is considered to be of a moderate environmental sensitivity given the presence of the SSSI to the east associated with the River Itchen, the underlying Secondary A and Secondary Undifferentiated Aquifers at the site, lack of an SPZ or potable water abstraction point within 1 km.
Contamination Potential Risk	Potential soil and groundwater contamination may include fuels/hydrocarbons, polycyclic aromatic hydrocarbons, heavy metals, asbestos and potentially per- and polyfluoroalkyl substances associated with the airport use and firefighting run-off. Due to the historical use of the site and wider area and potential sources identified, Geo^2 considers the risk to site end users from contaminants within shallow soils and the risk from elevated ground gas concentrations to be **Low to Moderate**. Significant on-site sources of contamination have not been identified, however, the site is in close proximity to the River Itchen, a sensitive water receptor, as such, the risk to controlled waters is considered to be **Low to Moderate**. The off-site rail yard to the north is known to have impacted groundwater with hydrocarbons (including free phase product) in the northern central area. It is unknown whether remediation works have been completed, however, free phase product was most recently identified in September 2023. As such the risk from off-site sources is considered **Moderate to High**.
Development Considerations	Based on the available information, it is anticipated that the ground conditions at the site will likely comprise Made Ground underlain by superficial clay and gravel followed by bedrock of the London Clay Formation, or Wittering Formation in the east. Alluvium may also be present in the east given the proximity to the River Itchen. Groundwater is anticipated at c. 3-4 m bgl.

	The key geotechnical considerations (amongst others) of the site relate to the potential for Made Ground associated with historical development. This risk should be further assessed through intrusive ground investigation.
Recommendations	Geo^2 recommends that an intrusive investigation be undertaken to assess the potential for contamination, to refine the site-specific ground model and groundwater regime beneath the site. Further enquiries should also be made as to whether remediation has been undertaken on the rail yard to the north.
This table is a summary only, full details and limitations of the assessment are provided within the main body of the report.	

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1.0 Introduction

Geo^2 Limited were commissioned by Blocwork (Eastleigh) LLP and AGS Airports Group Limited to conduct a Preliminary Risk Assessment of a site known as Navigation Quarter, Southampton located off Mitchell Way, SO50 5QJ. The site is approximately 32.62 hectares in area and located at grid reference 445940, 117680.

The study was undertaken prior to proposed redevelopment of the site for a commercial/light industrial end use.

1.1 Scope of Works

The Preliminary Risk Assessment, consisting of desk study and site walkover, was conducted in order to assess the potential for contaminant sources to be present on site, resulting from the past use of the site and current land use.

The desk study was also undertaken to identify possible sensitive environmental receptors that may be at risk from sources, if present on site, within the locality of the site.

The scope of the Preliminary Risk Assessment has given consideration to guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework (NPPF) (as amended, 2024) (paragraphs 187 & 196-197) and the Planning Practice Guidance (Land Affected by Contamination).

2.0 Description of the Site and Surroundings

2.1 Site Description

The site is located approximately 6 km north of Southampton city centre. Figure 1 in Appendix A shows the location of the site.

The site currently comprises an access road and disused car parking associated with Southampton International Airport in the west, fallow grassland in the east and northeast separated by a historical railway embankment which is densely vegetated. Infrastructure (blast barriers and approach lighting) associated with the adjacent runway are present in the north and southeast of the site. The site is accessed through the car parking in the northwest and via a bridge beneath the railway line along the northeastern boundary.

The area shown within the red site boundary on Figure A below, will be referred to throughout this document as 'the site'.



Figure A: Site Location Plan. Site boundary in red Contains © Crown Copyright and Database Right 2024

2.2 Site Walkover

A site walkover was undertaken on 16th January 2025, with a photographic survey included in Appendix B. The site walkover findings are detailed below.

The site was accessed via Mitchell Way in the northwestern corner. Mitchell Way led to a tarmac car park and a mixed gravel and tarmac car park in the northwestern-most corner of the site. An area of disused grassland was also noted adjacent to the car parks with sporadic fragments of concrete and metal noted on the surface.

The site wrapped around the northern extent of Southampton Airport runway comprising a gravel track and densely vegetated bund. Runway approach lights were noted adjacent to the site in this area. The site was separated from the runway and associated areas by a c. 2.50 m metal wire fence.

The majority of the site comprised vacant grassland separated by a densely vegetated embankment in the central area running in an east to west orientation. This embankment was considered to

represent a former railway line. Concrete blocks and metal fragments were noted in the material of the embankment where bare ground was visible. Access to the northeastern field was via foot over the embankment or via a metal gate along the northern boundary. The northern access was noted to be flooded at the time of the walkover by c. 0.4 m of water. The track off-site to the north passed beneath the railway line via a brick tunnel.

Further airport infrastructure was noted in the larger southern field comprising a radar station and windsock flagpoles. In addition, a series of third-party boreholes were noted in the northern central area, which were understood to relate to the investigation of off-site hydrocarbons from the adjacent railway yard.

The remains of former buildings could be seen in the southern-most area of the site comprising remnant brick walls and concrete floors with rubble, engines, metal and corrugated sheeting. No evidence of asbestos containing materials were noted, however, the area was densely vegetated as such, the potential cannot be discounted.

An above ground storage tank was noted off-site adjacent to the central northern area of the site.

The site was bounded by the airport in the east and largely by vegetation, hedgerow and trees along the eastern and northern boundaries.

2.3 Site Surroundings

The surrounding land uses of the site are summarised below.

Direction	Land Use
North	A rail yard, commercial properties and residential housing to the northwest. Sewage treatment works to the northeast and agricultural land beyond.
East	River Itchen and Itchen Valley Country Park.
South	Southampton Airport to the southwest. Itchen Valley Country Park and the River Itchen to the southeast.
West	Residential properties beyond the A335.

3.0 Desk Study

3.1 Desk Study Data

Information regarding the environmental setting of the site was obtained from the Envirocheck report, which collated information from a variety of sources. A copy of the Envirocheck report is presented in Appendix C.

Where indicated in below, the data from the Envirocheck report has been supplemented with additional information obtained from freely available online data.

Site Geology	British Geological Survey (BGS) data indicates that the site is underlain by superficial River Terrace Deposits (clay and silt) followed by bedrock of the London Clay Formation (clay, silt and sand) in the west and the Wittering Formation (sand, silt and clay) in the east. Superficial deposits of Alluvium (clay, silt, sand and gravel) are mapped adjacent to the east of the site associated with the River Itchen, which may encroach onto site. Artificial ground is mapped along the northeastern boundary of the site, likely associated with the raised railway embankment in this area. A BGS borehole (Ref. SU41NE230) is located along the western boundary of the site, drilled in 1969. The ground conditions recorded comprised superficial clay, sand and gravel to c. 5.3 m bgl (below ground level) followed by clay and sand of the London Clay Formation to completion at 30.5 m bgl. Resting groundwater was identified at c. 3.0 m bgl. Two further BGS boreholes (Ref. SU41NE277 and SU41NE109) are located <50 m from the southeastern boundary of the site. The ground conditions in these locations comprised soft clay and peat at shallow depths (<2.0 m) followed by gravel and sand to c. 4.50 m bgl and firm to stiff bedrock clay below.
Ground Stability	The Envirocheck Report shows the site has the following risk ratings associated with these ground stability hazards: • Collapsible ground stability – *low risk to no hazard;* • Compressible ground stability – *moderate risk to no hazard;* • Ground dissolution – *no hazard;* • Landslide ground stability hazard – *very low risk;* • Running sands stability hazard – *low to very low risk*; and • Shrinking or swelling clay stability hazard – *moderate risk to no hazard*.
Mining	The Envirocheck Report records two BGS Recorded Mineral Sites located in the northwestern and southeastern corners of the site. Both entries relate to opencast quarrying of superficial sand and gravel and the operations are noted as ceased. Both quarries are noted on historical mapping and are likely infilled. Four BGS Recorded Mineral Sites are recorded within 250 m of the site, the nearest of which is located approximately 90 m northeast of the site and relates to opencast quarrying of sand and gravel; however, the operations are noted as ceased.

	The site is not within an area which may be affected by coal mining activity, therefore the risk to the proposed development from shallow coal mining is considered to be Low.
Radon	The site is in a low (less than 1% of homes are estimated to be at or above the Action Level) to intermediate probability radon area (up to 3 to 5% of homes are estimated to be at or above the Action Level). Given the site is located within two probability areas, it is recommended that the requirement for radon protective measures is confirmed with the Local Authority / Building Control. At this stage it would be prudent to allow for basic radon protective measures within new buildings.
Site Hydrogeology	The Environment Agency (EA) classify the superficial River Terrace Deposits as a Secondary (Undifferentiated) Aquifer and the Wittering Formation and Alluvium as Secondary A Aquifers. The London Clay Formation is classified as Unproductive Strata. The site is not located within a groundwater source protection zone (SPZ). According to the Envirocheck Report there are no licensed groundwater abstractions within 1 km of the site.
Site Hydrology	Drainage ditches are present along the northern central boundary and along the southern boundary of the site. In the wider area there are several tributaries of the River Itchen located to the east and south of the site. At its closest the river is approximately 170 m east. According to the Envirocheck Report there are three licensed abstractions from surface water located approximately 50 m east relating to abstraction for use in transport. There are two Pollution Incidents to Controlled Waters recorded within 250 m of the site, the nearest of which is located approximately 90 m west of the site and relates to the release of waste oil in July 1994, resulting in a Category 3 – Minor Incident. Eight Discharge Consents are recorded within 250 m of the site, the nearest of which is located approximately 75 m west of the site and relates to trade effluent discharge (site drainage) into groundwater via a soakaway. The licence is held by Southampton International Airport, dated July 2020, and is noted to be 'varied under EPR 2010'.
Waste and Infilled Land	According to the Envirocheck Report, there is a Historical Landfill Site registered in the northwest of the site associated with the former gravel pit. Details indicate that the licence was held by British Rail and deposited waste included household materials. No further pertinent information is supplied. The following entries are recorded within 250 m of the site: • One Historical Landfill Site located approximately 225 m west of the site, named as 'Land at Lakeside'. Details indicate that the licence was held by H T Hughes and Sons (Transport) Limited and deposited waste included inert waste; • Two Licensed Waste Management Facilities (locations), the nearest of which is located approximately 65 m east of the site and relates to a physical treatment facility. The licence is held by Aquavitrum Limited and was issued in February 2023;

	• Three areas of Potentially Infilled Land (non-water), the nearest of which is located approximately 85 m north of the site and was mapped in 1990; • One area of Potentially Infilled Land (water) located approximately 100 m northeast of the site, mapped in 1938; and • One Registered Landfill Site located approximately 235 m west of the site, operated by Sir Alfred Macalpine & Sons Ltd. The licence is dated January 1983 and has since lapsed/been cancelled or surrendered. Authorised waste is reported to have comprised excavated natural materials and household waste.
Local Industrial Land Use	There are two entries on the Substantiated Pollution Incident Register listed on-site in the central northern area. Both relate to the release of oils and fuel in July 2007 and February 2017. The impact to land is listed as Category 2 – Significant for both entries. No impact was noted to water or air. Within 250 m of the site there are; • One Integrated Pollution Control located approximately 230 m northeast of the site relating to mineral fibres (non-asbestos) within the Mineral Industry. The permit is dated April 2002 but has since been revoked; • Two Integrated Pollution Prevention and Controls, the nearest of which is located approximately 165 m northeast of the site and relates to the incineration of hazardous waste in an incinerator or co-incineration plant with a capacity exceeding 10 tonnes per day. The permit date is not supplied; • Three Local Authority Pollution Prevention and Controls, the nearest of which is located approximately 95 m northwest of the site and relates to coating and recoating of rail vehicles. The permit is dated as September 1995 but has since been revoked; • Nine Contemporary Trade Directory Entries (active and inactive), the nearest of which is located approximately 50 m northwest of the site and relates to repairing & restoring of furniture (inactive). The nearest active entry is located approximately 130 m north of the site and relates to electronic engineers; • Two Commercial Services Points of Interest relating to vehicle cleaning and recycling located approximately 220 m and 250 m northwest; • Twelve Manufacturing and Production Points of Interest relating to tanks, works and industrial estates, the nearest of which is a tank located approximately 10 m northeast of the site; and • One Fuel Station Entry (Stoneham Esso Express) located approximately 150 m west, the entry is recorded as obsolete.
Sensitive Environmental Receptors	An area of Special Scientific Interest is listed on-site, however, is considered to relate to the River Itchen and surrounding land which is also classified as a Special Area of Conservation. The site is also located within a Nitrate Vulnerable Zone (NVZ) relating to eutrophic water (Hamble Estuary Eutrophic Nvz).

	Historic England Records (historicengland.org.uk) indicate that no areas of designated heritage interest are located on or adjacent to the site.
Unexploded Ordnance (UXO)	A review of Zetica online risk mapping for the area indicates that the site is located in a Moderate risk area, with Southampton Airport listed as a Luftwaffe target. A Detailed Explosive Ordnance Risk Assessment has been undertaken for the site by Impartial Assessments which concludes that Explosive Ordnance poses a Low to Moderate Risk to proposed ground investigation and the development.

3.2 Environmental Sensitivity

Given the above, the site is considered to be of a moderate environmental sensitivity given the presence of the SSSI to the southeast of the site associated with the River Itchen, the underlying Secondary A and Secondary Undifferentiated Aquifers at the site, lack of an SPZ or potable water abstraction point within 1 km.

3.3 Historic Planning Applications

A review of Eastleigh Borough Council planning portal indicates a number of applications associated with Southampton Airport including provision of car parking, signage installations and most recently the extension of the runway under application Ref. F/19/86707. A number of reports relating to contaminated land were submitted as part of the planning process. These are reviewed in Section 5.0.

3.4 Regulatory Enquiries

The Contaminated Land Officer (CLO) was contacted to enquire into information on the site and immediate surrounding area as well as enquiring into whether the site is on their list for inspection on the basis of the historical use of the site. The response confirms that the site nor any property / land adjoining has been classified as Contaminated Land under Part 2A. The response is included in Appendix E.

4.0 Site History

Details regarding the development of the site, its immediate surroundings and potentially contaminative land uses were obtained from a review of historical maps.

Copies of the maps are provided in Appendix C and a detailed summary provided below and on the following page. All distances given are approximate and are relative to the site, unless otherwise stated.

From the earliest map edition dated 1871 the majority of the site comprised undeveloped agricultural land. North Stoneham Farm comprising numerous buildings was mapped in the southern corner of the site. A railway line was also present along the northeastern boundary. Allotment gardens were mapped in the northwestern corner from 1896. By 1909 two gravel pits were labelled, one in the northwest of the site adjacent to the allotment gardens and the other adjacent to the farm in the south. By 1911, a railway line was also mapped along the northwestern boundary and dissected through the northern area of the site in an east-west orientation. Filter tanks were labelled to the south of the railway in the eastern area of the site, with the railway line noted to be on a raised embankment. Further development of the railway was noted in the 1931 map edition in the form of a spur in the northeast. Further allotment gardens were shown in the central northern area adjacent to the railway embankment from the 1951 to 1968 map editions. The railway line was also noted to be disused by the 1963 map edition and the filter tanks were no longer present. By 1992, the gravel pit in the south of the site was noted to be disused and both the northeastern and southern gravel pits were no longer labelled by 1995, suggesting that they may have been infilled.

Development of North Stoneham Farm including a number of huts was shown in the 1931 map edition, aerial imagery dated 1947 and 1963. From readily available online information it is understood that the wider area has been in use as an airfield/airport since 1910, originally known as Eastleigh Airfield. The area was then used by the United States during WWI and by the RAF in WWII, with the area known as RAF Eastleigh, before becoming RAF Southampton, and later RNAS Eastleigh (HMS Raven) as a training ground for the Royal Navy. The buildings shown in the 1930-1960s mapping are considered to relate to the airfield use, likely huts/barracks for housing military personal. The buildings were no longer shown by the 1963 map edition and the original buildings associated with North Stoneham Farm remained until their demolition in the early 1990s.

Airport infrastructure comprising approach lights in the northwest and a tower in the southeast of the site were shown in the 1991 and 1992 map editions. Modern development comprising present day car parks in the northwest were shown by the 1995 map edition and 2005 aerial imagery. No further significant changes were noted.

Within 250 m of the site, potential contaminative land uses include;

- Railway lines to the west and north from the earliest map edition dated 1871 until present. Further sidings, a rail yard and running shed were noted directly north by the 1911 map

edition with further development noted in the early 1930s and late 1960s. A series of tanks were noted approximately 30 m north of the site in the central northern area associated with the rail yard in the 1972 map edition;

- A sewage works located approximately 200 m north from 1887;
- A series of gravel and clay pits in the surrounding area to the northeast and northwest in early 1900s map editions;
- Allotment gardens to the north from 1909 until present and northwest from 1963 until no longer mapped in 1983; and
- Southampton Airport mapped from 1963 onwards with the runway noted within 250 m of the site in 1983 mapping.

5.0 Existing Reports

The following third-party report has been provided to Geo^2 by the Client for review:

- Southern Testing, Factual Ground Investigation Report, Southampton International Airport Runway Extension, (Ref. J14044), dated May 2020, Issue No. 7 *[this report relates to land adjacent to the northern area and the central northern area of the site]; and*
- Email correspondence from Dyer and Butler Ltd regarding groundwater monitoring results from January 2015 to September 2023.

In addition, the following third-party reports were identified associated with planning references F/19/86707;

- WSP, Geo-Environmental Preliminary Risk Assessment, Southampton Airport, Eastleigh, (Project No. 70048854), dated August 2019;
- WSP, Generic Quantitative Risk Assessment, Southampton Airport, Eastleigh, (Project No. 70048854), dated September 2019;
- Savills, Environmental Statement Chapter 12: Ground Conditions, Southampton International Airport Eastleigh, dated July 2020; and
- H Fraser Consulting, Phase II Land Quality Assessment for runway extension, Southampton Airport, (Ref. 30691R2), dated January 2023.

Further third-party reports are referenced within the WSP Preliminary Risk Assessment and Environmental Statement Chapter, however, these reports have not been made available to Geo^2 or identified on the planning portal. A review of the available third-party reports is provided for information purposes only.

5.1 Previous Report Review

WSP, Geo-Environmental Preliminary Risk Assessment, August 2019

WSP undertook a Preliminary Risk Assessment for Southampton Airport in 2019 to support a runway extension in the north. The red line boundary included the majority of the current target site with the exception of the northeastern field. Pertinent information related to the target site is included below.

Fuel storage for the airport was largely stored along the western site boundary and historically comprised a number of underground storage tanks (now removed) in the southern area of the western boundary.

As part of the report WSP contacted the Environment Agency (EA) for information relating to remedial works undertaken on/adjacent to the site. The response indicated that the EA did not hold any records of remediation, however, did have documents relating to contamination associated

with the rail depot ('Eastleigh Depot') located directly north of the site. The information indicated that oil contamination had been known to be present at the depot since 1998 with a further recorded leak in 2001 from the main fuel line. On-going monitoring was undertaken in 2003-2005, 2008 and 2015. Soil and groundwater contamination was identified c. 3.00 m bgl associated with the groundwater table in the River Terrace Deposit gravels. Correspondence also proposed that the hydrocarbons were potentially preferentially travelling along the high-pressure gas main route which was stated to be present along the northern boundary (separating the airport from the depot). Remedial works were planned for early 2018.

Further information provided by the EA included records of pollution incidents on-site including firefighting run-off (minor impact to land and water) in 2002, oil/fuel spillage (significant impact to land) in 2007 and oil/fuel containment and control failure (significant impact to land) in 2017. Details of a prohibition notice dated 1997 relating to de-icing run off was also provided. It was indicated that drainage of the run-off was diverted into foul drainage to prevent contamination of the underlying groundwater which was understood to be in continuity with the River Itchen. Following four months of monitoring, no impact/marginal deterioration of the groundwater downstream was noted.

Further third-party reports included an assessment of a bund in the northwestern corner which required removal prior to the car park development. Anecdotal evidence suggested that the mound comprised soil from the terminal construction. Chemical analysis indicated that the material was classified as 'inert'.

The report summarised a low to moderate risk to human health associated with the extension and a moderate to high risk to controlled waters related to the off-site hydrocarbon contamination. Ground investigation was recommended.

WSP Generic Quantitative Risk Assessment, September 2019 and Southern Testing, Factual Ground Investigation Report, May 2020

WSP undertook a Generic Quantitative Risk Assessment utilising initial data from the Southern Testing Ground Investigation (dated June 2019 at the time of the report preparation).

The ground investigation works comprised the advancement of 8 No. trial pits, 3 No. BRE365 tests and 2 No. cable percussion boreholes. The works were undertaken airside to the north and east of the runway (not within the current site boundary).

The ground conditions comprised a limited thickness of topsoil followed by firm to stiff silty sandy clay, becoming gravelly with depth to c. 1.90 m bgl, followed by medium dense gravelly sand/sandy gravel to c. 3.70 m bgl and fissured sandy silty clay of the London Clay Formation at depth. Groundwater was struck at depth in the London Clay within the boreholes, with standing water recorded at c. 4-5 m bgl at the start of each shift. Return groundwater monitoring over the following year recorded groundwater at depths of between 3.47 m bgl and 4.24 m bgl (10.26 m AOD to 9.49 m AOD). No visual or olfactory evidence of contamination was identified during the investigation.

Following soil chemical analysis none of the potential contaminants were identified above the applied commercial and public open space end use assessment criteria. Asbestos was not identified within the samples analysed. A single leachate sample identified potentially elevated copper concentrations above the applied EQS (inland surface waters), however, the one groundwater sample tested did not exceed the guidance values.

The report recommended further detailed review of information relating to the off-site fuel spills as it was unclear as of September 2019 whether physical remediation had been undertaken to address the pollutant linkage.

Savills, Environmental Statement Chapter 12: Ground Conditions, July 2020

The Environmental Statement used the previous WSP reports to provide the baseline conditions for the site to assess the impacts and effects from the development. Given that significant contamination was not identified during the ground investigation and the proposed development comprised a runway extension only, the potential impacts to ground conditions were considered to be negligible with consideration to the embedded mitigation measures as part of current best practice.

H Fraser Consulting, Phase II Land Quality Assessment for runway extension, January 2023

H Fraser Consulting undertook a further ground investigation along the northern runway area (predominantly outside of the current site boundary) in 2022 to support the planning application for the development. The ground investigation comprised the advancement of 10 No. shallow boreholes to depths between 3-4 m bgl and 9 No. shallow hand dug pits to a maximum depth of 1 m bgl.

The ground conditions generally composed a limited thickness of topsoil followed by sandy gravelly clay and gravel at depth. Groundwater was identified during drilling between 3.00-3.50 m bgl. However, the wells were all noted to be dry upon return monitoring. A strong hydrocarbon odour was noted in the northeastern area (BH208) between 2.70 m bgl and 3.00 m bgl.

Following soil chemical analysis none of the potential contaminants were identified above the applied commercial guidance values. Elevated concentrations of hydrocarbons were identified in BH208 at 2.70 m bgl, but not at a shallower depth in the same location, indicating lateral migration of contamination, consistent with the known off-site hydrocarbons from the rail depot.

Elevated concentrations of ground gas were not identified during return monitoring and low/negligible flow rates were recorded.

Given the elevated hydrocarbon concentrations in BH208, a watching brief was recommended at the time of the soakaway installation.

Groundwater Monitoring Results January 2015 to September 2023

The Client has provided monitoring data for the central northern area of the site, undertaken by Ricardo Energy and Environment from January 2015 to September 2023. There is limited information available, however, the boreholes are understood to be in use for the monitoring of hydrocarbon contamination known to be migrating from the adjacent rail yard. No information has been provided by the Client to indicate whether remedial works initially planned for 2018 have been undertaken. Most recent monitoring results from March and September 2023 indicate the presence of free product (up to 15 mm in thickness in borehole F2 close to the northwestern corner of the northeastern field) and elevated Total TPH concentrations at a maximum of 1,244,385 µg/l in F2 from groundwater collected using disposable bailers. The locations of the boreholes and photographs of the groundwater sampled from these locations is shown below in Figure B:

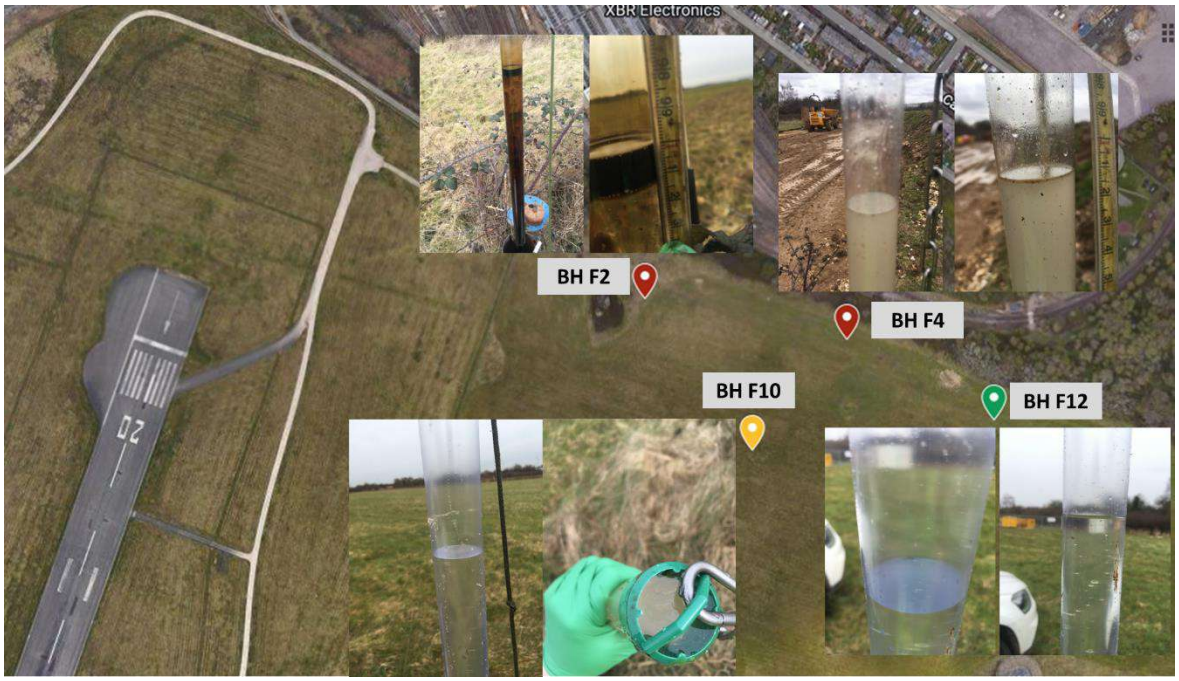


Figure B: Image sent to the Client by Ricardo Energy and Environment

6.0 Preliminary Risk Assessment

6.1 Source – Pathway – Receptor

UK legislation and guidance on assessing potentially contaminated land recommends the use of a risk assessment process based on a review of source/pathway/receptor relationships for various environmental media. The first stage of any risk assessment is to identify, using the desk study data and site information, the presence and extent of any hazard at the site, theoretical or demonstrable.

A key component of the overall risk assessment process is identification of "significant contaminant linkages" between contaminants and receptors. This can be accomplished through development of a site-specific conceptual model in which the potential contaminants, pathways and receptors identified on-site are described.

Each element can be defined as follows:

- **Contaminant source:** A substance either on or under the land and which has the potential to cause harm or pollution to human or environmental receptors.
- **Pathway:** A route or means by which a receptor can be exposed to or affected by a source.
- **Receptor:** A living organism or an ecological system, or controlled water, or property including buildings, crops and livestock.

The presence of all three of the above elements identifies a contamination linkage and a potentially unacceptable risk. To ensure that any risk present to, or, from the site can be appropriately managed each of these contamination linkages will be targeted by the investigation.

6.2 Hazard Identification

6.2.1 Potential On-Site Sources

Potential sources of on-site contamination have been identified associated with historical mineral extraction and subsequent landfilling in the northwest, the historical farm and mineral extraction in the south of the site (with possible infilling of the gravel pit). RAF/military use of the southern area of the site, railway embankment and filter tanks in the central area and development of airport infrastructure including car parks, radar towers and blast screens.

Information from the EA included within a previous WSP report for the site indicated that the following pollution incidents historically occurred on site: firefighting run-off (minor impact to land and water) in 2002, oil/fuel spillage (significant impact to land) in 2007 and oil/fuel containment and control failure (significant impact to land) in 2017. It was also noted that a prohibition notice was issued in 1997 relating to de-icing run off.

Due to the age of the historical buildings on site in the southern area, it is likely that asbestos materials were used in the construction of the buildings, leading to a potential for asbestos in shallow Made Ground soils.

Potential contaminants of concern include metals, petroleum hydrocarbons, polycyclic aromatic hydrocarbons, semi-volatile organic compounds (SVOCs), volatile organic compounds (VOCs), poly- and perfluoroalkyl substances (PFAS) (associated with fire-fighting run-off), asbestos and ground gas.

6.2.2 Potential Off-Site Sources

Potential sources of contamination have been identified associated with the rail yard to the north and the wider airport. Hydrocarbon contamination (including free phase product) is known to be migrating onto site from the rail yard. Potential contaminants of concern include metals, petroleum hydrocarbons and polycyclic aromatic hydrocarbons.

A potential contaminant of concern commonly associated with sites where aircraft operate are Poly- and perfluoroalkyl substances (PFAS), associated mainly with Aqueous Film Forming Foam (AFFFs) used as a method of fire suppression for hydrocarbon fuelled fires (e.g. petrol, diesel and kerosene). PFAS have been commercially available since 1949, and a component of AFFFs since 1963.

6.3 Initial Conceptual Site Model

Contamination linkages arise as a result of the interconnection of the contaminant source, contamination pathways and potential receptors. These contamination linkages are used to design the site investigation (if required), guiding the type of investigation, location of exploratory boreholes and the required sample analysis.

6.4 Risk Estimation

The objective of the qualitative risk assessment is to determine the significance of the risk, if any, which may occur as a result of the creation of pollutant linkages, which connect a potential receptor to an identified potential contaminant source at the site.

The perceived risk is based on a consideration of both the likelihood of an event (probability) occurring, and the severity of the potential consequence. Classification of these two factors is detailed in Appendix D.

6.5 Qualitative Risk Assessment

A qualitative risk assessment is undertaken, detailed in the table on the following page, in line with guidance provided in CIRIA's Contaminated Land Risk Assessment: a guide to good practice CIRIA C552, 2001. The purpose of this assessment is to determine the relative significance of the identified contamination linkages by assessing the probability of an impact occurring and by assessing the perceived severity of an impact to a receptor.

Those linkages considered of low risk or less on the basis of the available site data will not be considered any further in this assessment. Linkages considered to be more significant are identified as presenting potentially unacceptable risk to the identified receptor. In these instances, further works may be considered necessary.

Source(s)	Pathway(s)	Receptor(s)	Comments	Risk	Requires Investigation
Potentially contaminated soils and/or groundwater located beneath the site.	Direct contact/ingestion and, inhalation of dust and vapours	Future site users, principally within landscaped areas. (human health)	Potential sources of contamination have been identified associated with the historical development of the site, mainly in the northern and southern areas. The historical use represents the potential for Made Ground/infill materials to exist, as well as localised impact, for example, following the spillage of fuel and the potential for PFAS to be present associated with firefighting run-off. Hydrocarbon contamination (including free phase product) is known to be present within the groundwater in the northern central area. There is also potential for ACMs to be present within shallow soils in previously developed areas. Given the proposed commercial use, the majority of the site is likely to be covered in hardstanding and buildings, limiting the potential pathway, as such the risk to future site users is considered to be low. The risk in any proposed landscaped areas where Made Ground is present is considered to be moderate. The presence of hydrocarbons within the groundwater in the central northern area of the site may represent a vapour risk if buildings are proposed in this area. Site workers may become exposed to localised contaminated soils and shallow groundwater during intrusive groundworks undertaken at the site. Safe working practices should be undertaken and appropriate Personal Protective Equipment (PPE) should be used to reduce the risk to low. Intrusive investigation will be required to quantify the potential contamination risks.	**Moderate / Low (Low Likelihood x Medium)**	**Yes**
		Maintenance and construction workers. (human health)			

Source(s)	Pathway(s)	Receptor(s)	Comments	Risk	Requires Investigation
	Leaching to groundwater, lateral and vertical flow, followed by migration within the aquifer.	Underlying Secondary Undifferentiated Aquifer (River Terrace Deposits) and Secondary A Aquifers (Wittering Formation and Alluvium [if present]). The River Itchen and associated tributaries to the east. (controlled waters)	Potential sources of contamination have been identified associated with the historical development in the north and south of the site. Given the anticipated granular River Terrace Deposits, at this stage it is considered that the groundwater is likely in conductivity with the River Itchen to the east, as such the risk to controlled waters from on-site sources is considered to be low to moderate. An environmental investigation will be required to assess the soil quality beneath the site and the risk to controlled waters to include groundwater sampling and surface water sampling (where possible).	**Moderate / Low (Low Likelihood x Medium)**	**Yes**
Organic contamination in soils and groundwater	Direct infiltration in water supply pipes	Drinking water supply pipes	Hydrocarbons, especially aromatics, are known to permeate plastic pipes. Assessment of the risk to water pipes for any new supply will have to be undertaken as a requirement of the statutory undertakers, who should provide recommendations for upgrading of potable water supply pipes. It is considered that the use of upgraded water supply pipes may be required in previously developed areas and in the central northern area of the site where hydrocarbon contamination is known to be present within the groundwater.	**Moderate (Likely x Medium)**	**Yes**

Source(s)	Pathway(s)	Receptor(s)	Comments	Risk	Requires Investigation
Ground gas, including Radon	Vertical and lateral migration of ground gases	Current and proposed commercial site end users (human health)	Potential sources of ground gas have been identified at the site associated with Made Ground materials associated with historical development/demolition and landfilled/infilled gravel pits in the northwest and south of the site. However, given the time elapsed since landfilling/infilling activities (circa 30 years), it is considered that any gassing is likely to have ceased by now and the risk is considered to be low. However, there is potential for peat/organic material to be present associated with any Alluvial deposits in the east of the site, therefore the risk is considered to be moderate/low. A ground gas risk assessment is recommended to assess the characteristic situation for the site and requirement for any ground gas protection measures within new buildings. The site is in a low (less than 1% of homes are estimated to be at or above the Action Level) to intermediate probability radon area (up to 3 to 5% of homes are estimated to be at or above the Action Level). Given the site is located within two probability areas, it is recommended that the requirement for radon protective measures is confirmed with the Local Authority / Building Control. At this stage it would be prudent to allow for basic radon protective measures within new buildings.	**Moderate / Low (Low Likelihood x Medium)**	**Yes**

Source(s)	Pathway(s)	Receptor(s)	Comments	Risk	Requires Investigation
Potentially contaminated soil and groundwater from off-site sources	Migration of contaminants	Current and proposed commercial site end users (human health) Maintenance and construction workers. (human health) Groundwater beneath site. (controlled waters)	Potential off-site sources of contamination have been identified associated with the rail yard to the north of the site which is known to have impacted the groundwater in the northern central area with hydrocarbons (including free phase product). It is unknown whether remediation works have been completed, however, free phase product was most recently identified in September 2023. The wider airport also represents a potential source of off-site contamination; however, it is understood that the majority of the refuelling infrastructure is located along the western boundary of the airport. An environmental investigation will be required to assess the groundwater quality beneath the site and the risk to future site users and controlled waters.	**Moderate to High**	**Yes**

7.0 Geotechnical Constraints

7.1 Preliminary Ground Model

Based on the available information, it is anticipated that the ground conditions at the site will comprise Made Ground (in previously developed areas) or topsoil across the majority of the site. Significant thicknesses of Made Ground have not been identified during previous third-party investigations on site and adjacent to the northeastern area, however, investigation will be required to confirm the depth of Made Ground. The underlying natural deposits are likely to comprise an initial layer of clay followed by sand and gravel and then cohesive weathered bedrock of the London Clay Formation or Wittering Formation in the east. Bedrock is anticipated at c. 4.00 m bgl. Alluvium may be present in the east given the proximity to the River Itchen.

7.2 Geotechnical Considerations

The geotechnical constraints that are considered to potentially be a risk during redevelopment are detailed below:

- Made Ground – given the historical presence of buildings in the south of the site and their subsequent demolition, and landfilling/infilling of gravel pits in the northwest and south of the site, Made Ground may be present in areas of the site. Made Ground is typically variable in nature and strength with a potentially low bearing capacity and unacceptable levels of total/differential settlement may occur;
- Remnant structures – partially demolished buildings were noted in the southern area of the site. A scheme of demolition will likely be required to remove remnant structures;
- Quarrying – Two former pits are noted on historical mapping in the northwest and southeastern corners of the site. The northwestern pit is recorded to have been landfilled. It is unclear whether the southern pit has been infilled. Fill materials are typically variable in nature and strength with a potentially low bearing capacity and unacceptable levels of total/differential settlement may occur;
- Peat – Peat has been identified in an off-site BGS borehole in close proximity to the site. There is potential for peat to be present within any Alluvial deposits in the east of the site. Peat is highly compressible and unacceptable levels of total/differential settlement may occur;
- Cohesive soils – There is potential for cohesive soils to be present beneath the site associated with the superficial deposits and bedrock. Cohesive soils can change volume, creating “shrink/swell” problems on the site. Cohesive soils are also generally unsuitable for traditional soakaways to be constructed; and
- Utilities – Several third-party utilities have been identified on-site including a high pressure gas main, electric, telecoms and sewerage.

8.0 Conclusions and Recommendations

8.1 Conclusions

A Preliminary Risk Assessment of the site known as Navigator Quarter, Southampton, located at Mitchell Way, SO50 5QJ was undertaken, prior to proposed redevelopment of the site for commercial end use.

8.1.1 Contaminated Land Considerations

The purpose of the assessment was to evaluate the potential for risk to be posed to human health and controlled waters from historical and current use of the site.

The site has a long history associated with aircraft use, from Eastleigh Airfield in the early 1900s to forming part of Southampton International Airport. Surrounding land uses include a rail yard to the north, Southampton Airport (runway, terminals and commercial premises) to the west and the River Itchen SSSI and conservation area to the east.

Due to the historical use of the site and wider area and potential sources identified, Geo^2 considers the risk to site end users from contaminants within shallow soils and the risk from elevated ground gas concentrations to be **Low to Moderate**.

Significant on-site sources of contamination have not been identified, however, the site is in close proximity to the River Itchen, a sensitive water receptor, as such, the risk to controlled waters is considered to be **Low to Moderate**. The off-site rail yard to the north is known to have impacted groundwater with hydrocarbons (including free phase product) in the northern central area of the site. It is unknown whether remediation works have been completed, however, free phase product was most recently identified in September 2023. As such the risk from off-site sources is considered **Moderate to High.**

8.1.2 Geotechnical Considerations

The key geotechnical considerations of the site relate to the potential Made Ground associated with historical development and infilling of two gravel pits in the northwestern and southeastern corners. The northwestern pit is indicated to have been landfilled. Remnant structures may also be present associated with development in the south and a series of utilities including high pressure gas main are on-site. There is also potential for peat and cohesive soils to be present beneath the site. Peat is highly compressible, and cohesive soils can change volume, creating “shrink/swell” problems on the site. Cohesive soils are also generally unsuitable for traditional soakaways to be constructed. This risk should be further assessed through intrusive ground investigation.

8.2 Recommendations

The following measures are recommended to address the identified risks and to assist in satisfying anticipated contaminated land planning conditions:

- Further enquiries should be made as to whether physical remedial works were undertaken on the rail yard to the north;
- Based on the identified potential sources and risk assessment an intrusive investigation is required to confirm the potential contaminant linkages. Data collected from such investigation will enable a review of the soil, groundwater and ground gas risks, refinement of the ground model, and further review of identified potential contaminant linkages;
- Given the site is located within two radon probability areas (low and intermediate), it is recommended that the requirement for radon protective measures is confirmed with the Local Authority / Building Control; and
- Subject to the findings of the intrusive investigation, a Remediation Strategy may be required for the redevelopment of the site.

9.0 Report Limitations

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The recommendations contained within this Report represent Geo^2's professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience, and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the Report and any previous works referenced within the Report.

10.0 References

British Standards Institute

BS10175:2011 "Investigation of potentially contaminated land sites – code of practice"

British Geological Society

Geology of Britain Viewer

CIRIA

C552 Contaminated Land Risk Assessment, a guide to good practise, 2001.

C665, Assessing risks posed by hazardous ground gases to buildings, 2007.

CL:AIRE

Good Practice For Risk Assessment For Coal Mine Gas Emissions, October 2021.

Environmental Agency

Land Contamination Risk Management (LCRM) Guidance, 2020

Landmark

Envirocheck Report, ref. 366723883_1_1, dated January 2025

The Coal Authority

Coal Authority Interactive Viewer

Zetica UXO

Risk Maps Viewer

Appendix A – Figures



Site Boundary

Site Location

0 300 600 900 1,200 1,500 1,800 2,100 m

N

DO NOT SCALE. NOT FOR CONSTRUCTION

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Figure: Site Location Plan		
Job: Navigator Quarter, Southampton		
Client: Blocwork (Eastleigh) LLP and AGS Airports Group Limited		
Figure No.: 1	Revision: 1	Date: 07 February 2025
Drawn by: JCR	Checked by: TH	Scale: 1:15,000
Job No.: 4362		

Geo2

C:\Users\User\OneDrive - Geo 2 Remediation Ltd\Desktop\QGIS Projects\4362_GIS_Southampton-Airport_24-12-24\pr\4362_GIS_Southampton_24-12-24.qgz

Appendix B – Photographic Survey

4362 – Navigation Quarter – Photographic Survey 1

Image 1: Access along northeastern boundary



Image 2: View across northeastern field



Image 3: Former railway embankment, densely vegetated



Image 4: Remnant waste on former railway embankment



Image 5: View across eastern field



Image 6: High pressure gas main marker along northeastern boundary



4362 – Navigation Quarter – Photographic Survey 2

Image 7: View along northern boundary, off-site tank



Image 8: View east across fallow land



Image 9: Northern area of the site adjacent to runway



Image 10: Blast barriers in north



Image 11: View across fallow land in northwest



Image 12: Access into eastern fields



4362 – Navigation Quarter – Photographic Survey 3

Image 13: Material storage in disused car parking



Image 14: Car parking in west



Image 15: Mitchell Way



Image 16: Gravel disused car parking



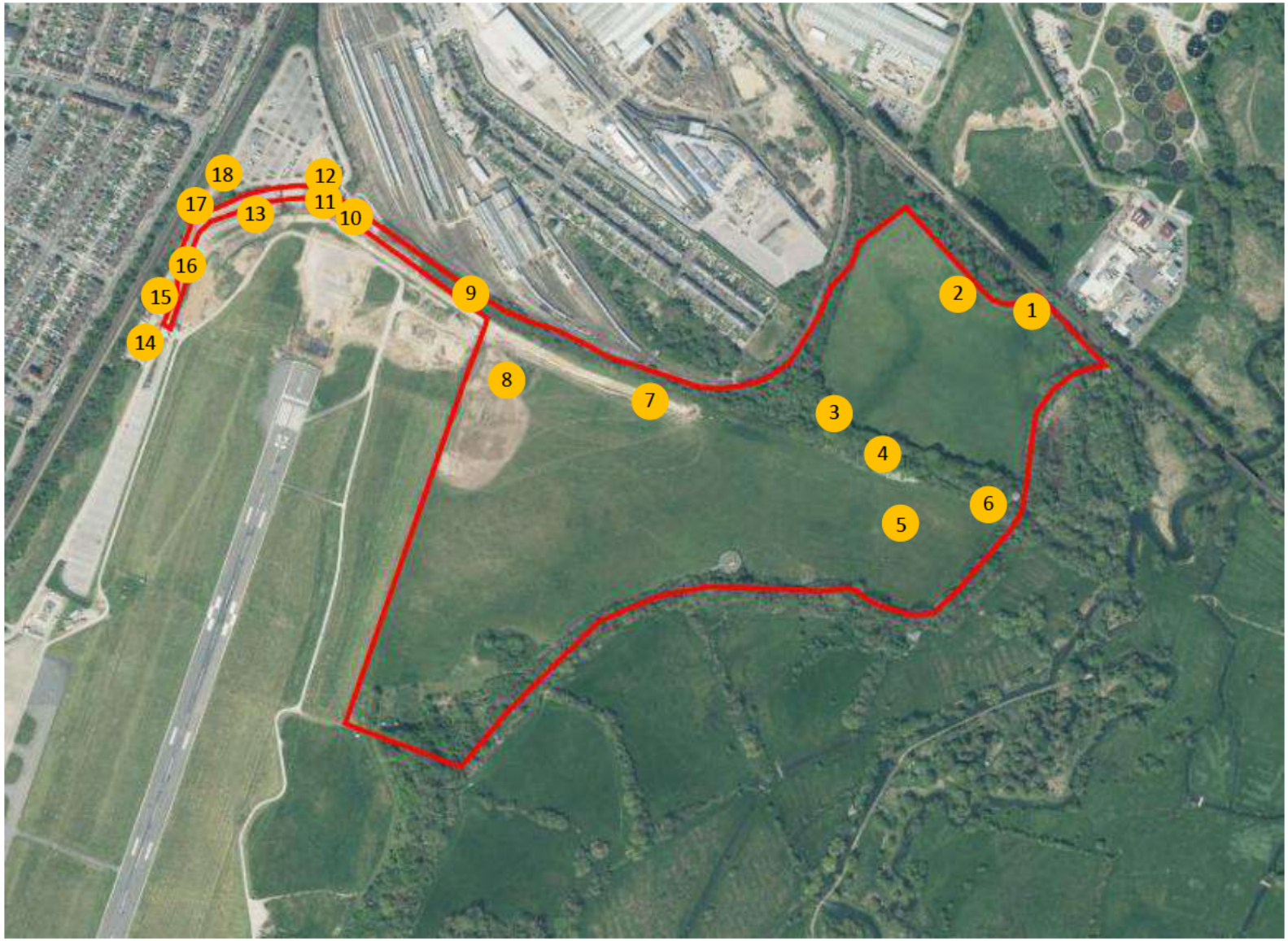
Image 17:Access into long stay car park



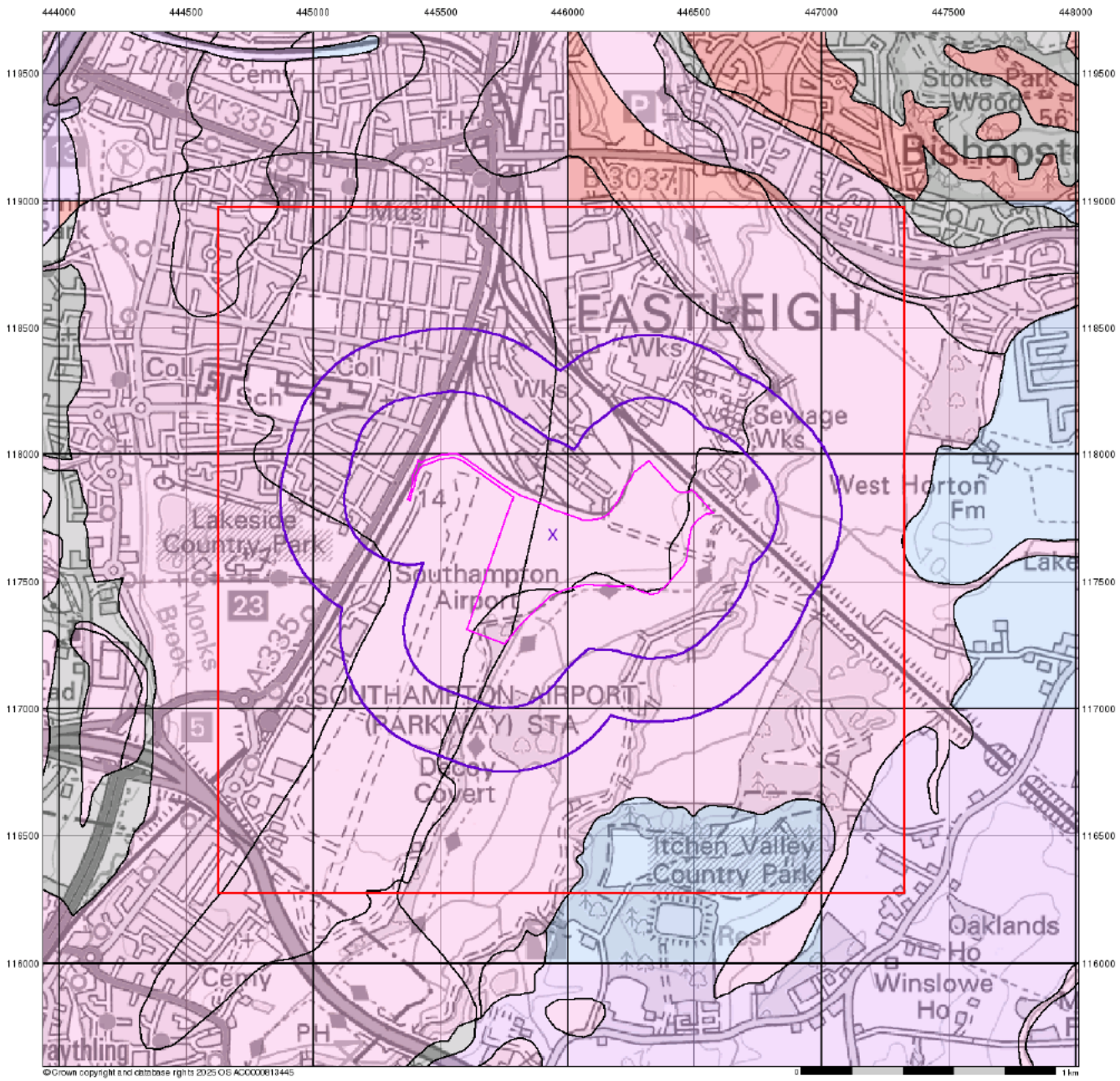
Image 18: Long stay car park



4362 – Navigation Quarter – Photographic Locations



Appendix C – Desk Study Data



Groundwater Vulnerability

General

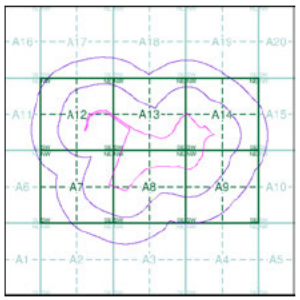
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



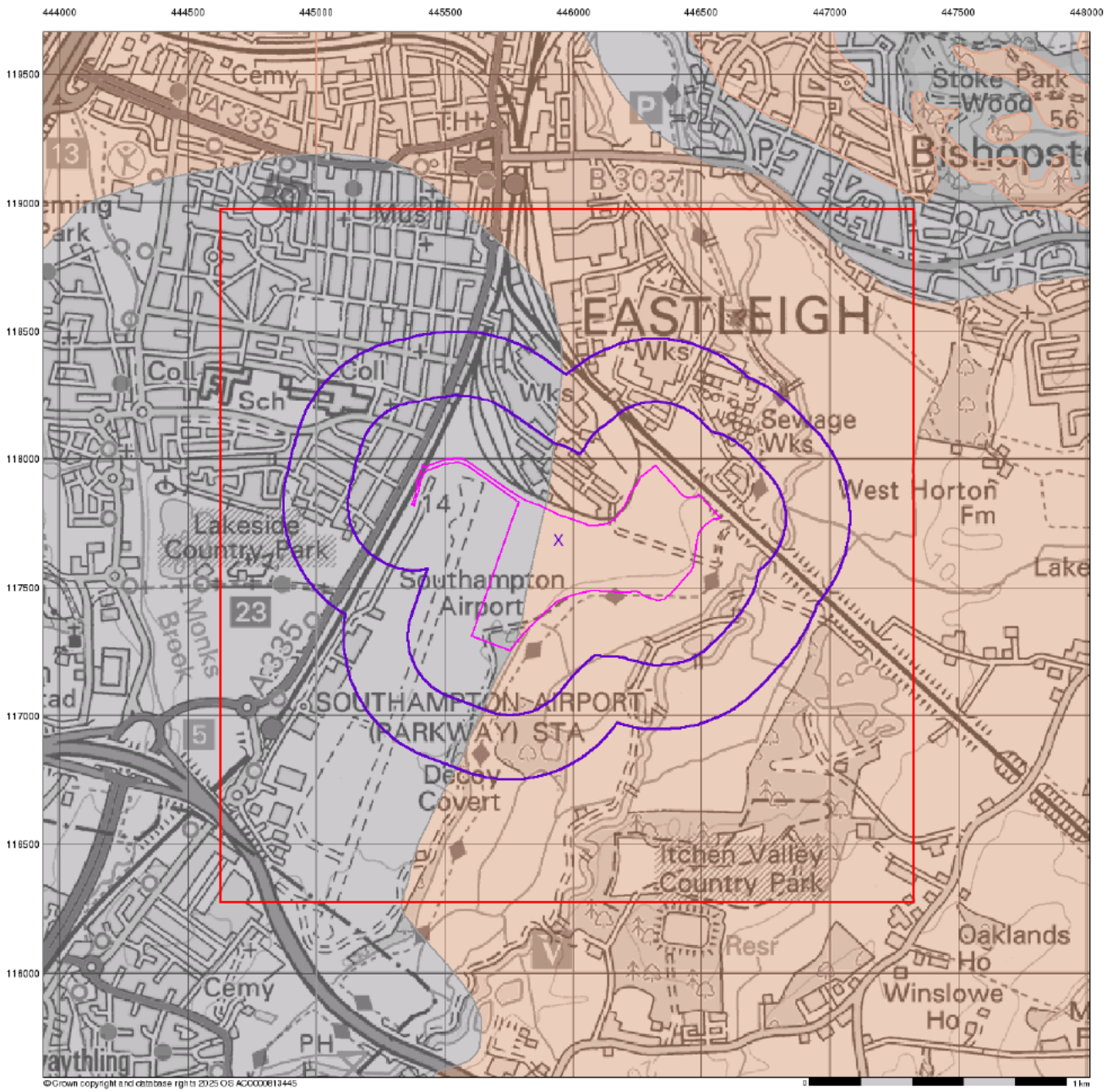
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Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

Site Details

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Bedrock Aquifer Designation

General

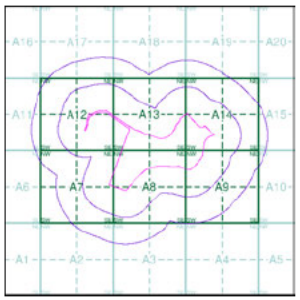
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



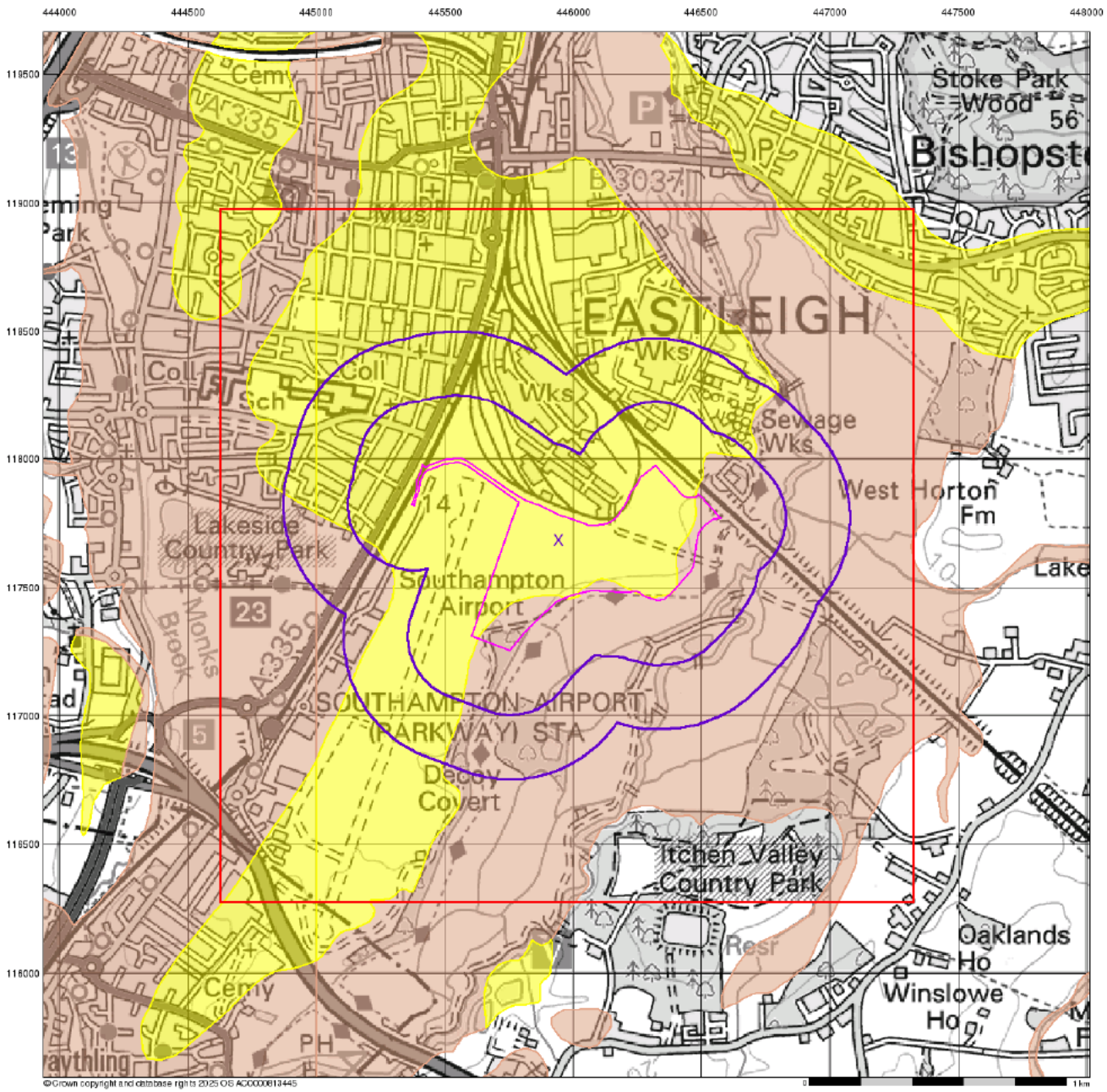
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Superficial Aquifer Designation

General

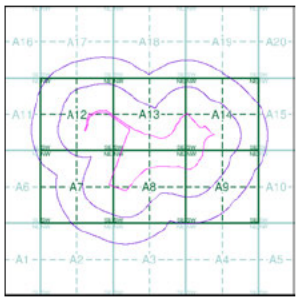
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



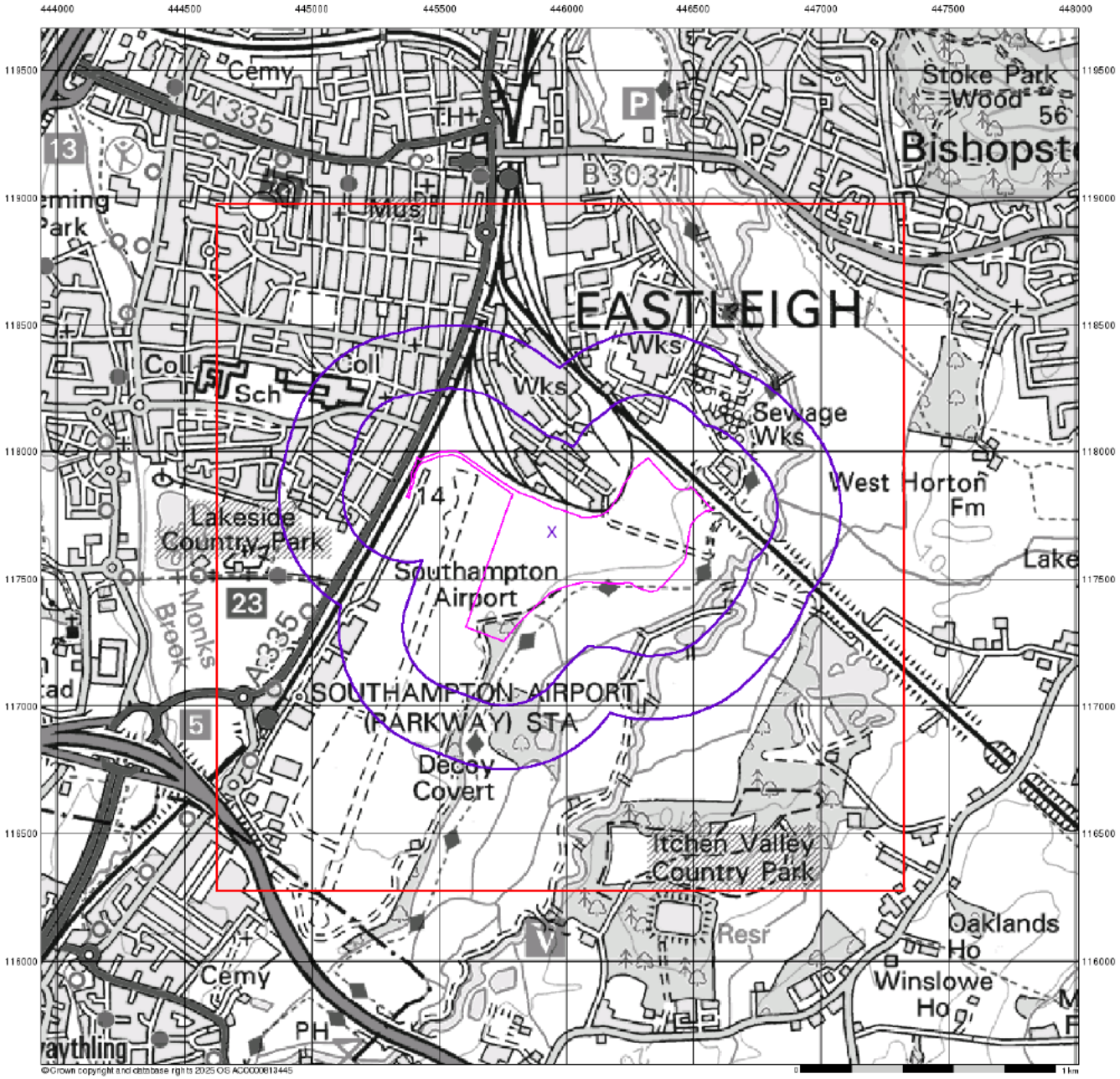
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Source Protection Zones

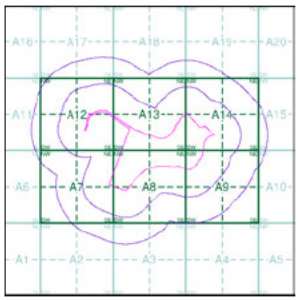
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



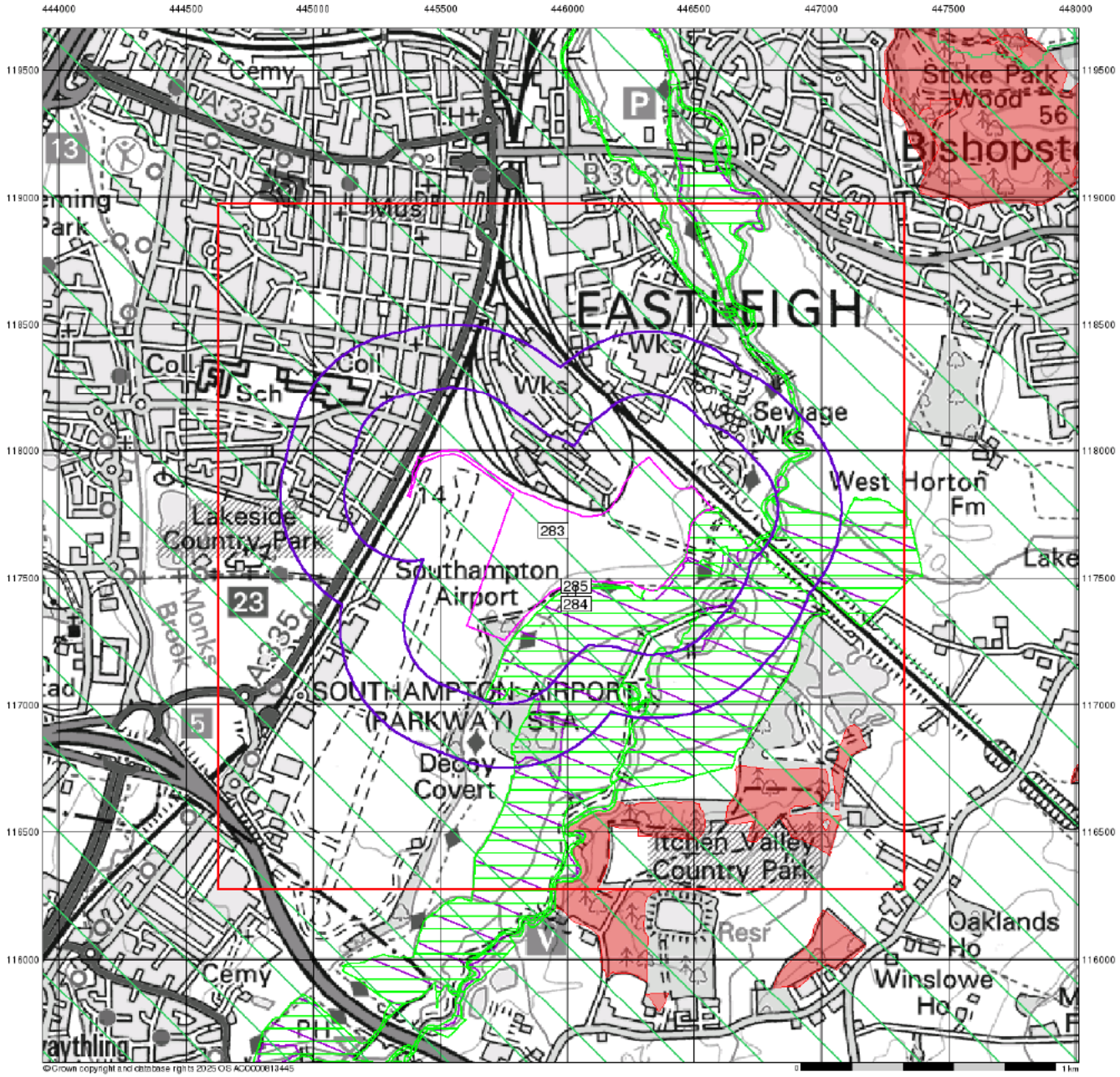
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Sensitive Land Uses

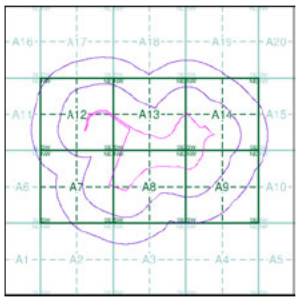
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A

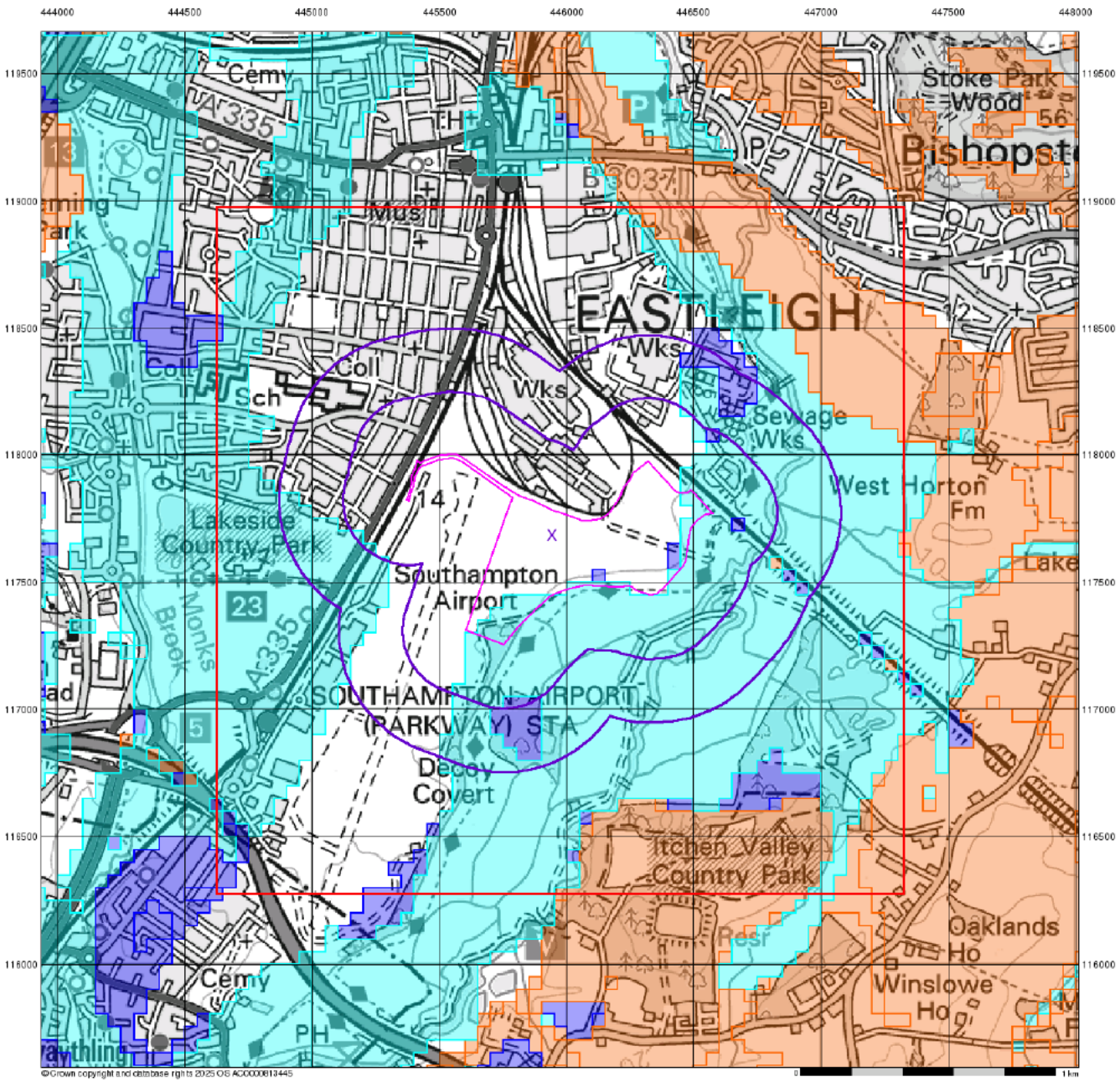


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Site Details

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BGS Flood GFS Data

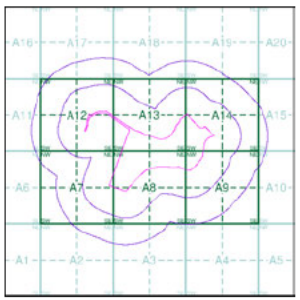
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

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Datasheet

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Search Buffer (m):
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Client Details:

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West Yorkshire
BD10 8NE

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Introduction

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

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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	0	1	446100 117550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	0	1	446400 117650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	0	1	446000 117500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	76	1	446650 117700
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	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NE (E)	421	1	446900 117500
1	**Discharge Consents** Operator: Southampton International Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Southampton International Airport, Wide Lane, Southampton, Hampshire, So18 2nl Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprcb3999em Permit Version: 2 Effective Date: 24th July 2020 Issued Date: 24th July 2020 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13SW (W)	73	2	445684 117766
2	**Discharge Consents** Operator: British Rail Property Board Property Type: Undefined Or Other Location: Eastleigh Loco. & Carriage Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: H01213 Permit Version: 1 Effective Date: 15th April 1965 Issued Date: 15th April 1965 Revocation Date: 1st July 1991 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A9NW (E)	137	2	446610 117590

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Industrial Property Investment Fund Property Type: Undefined Or Other Location: Wagon Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: H01146 Permit Version: 1 Effective Date: 12th October 1962 Issued Date: 12th October 1962 Revocation Date: 23rd January 2006 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6)** Positional Accuracy: Located by supplier to within 100m	A9NW (E)	138	2	446610 117580
3	**Discharge Consents** Operator: British Rail Maintenance Ltd Property Type: Undefined Or Other Location: Eastleigh Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: H01214 Permit Version: 1 Effective Date: 15th April 1965 Issued Date: 15th April 1965 Revocation Date: 1st July 1991 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A9NW (E)	145	2	446600 117520
3	**Discharge Consents** Operator: Alstom Transport Renovation Property Type: Railway & Tram Vehicles Location: Eastleigh Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: N00034 Permit Version: 1 Effective Date: 1st September 1986 Issued Date: 1st September 1986 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A9NW (E)	154	2	446610 117520
3	**Discharge Consents** Operator: Alstom Transport Renovation Property Type: MAKING OF OTHER TRANSPORT EQUIP/SHIPS/TRAINS/BIKES Location: Eastleigh Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: N00034 Permit Version: 1 Effective Date: 1st September 1986 Issued Date: 1st September 1986 Revocation Date: 30th October 2006 Discharge Type: Trade Effluent Discharge Environment: Lake/Reservoir - with outlet Receiving Water: Freshwater Stream Or River **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NW (E)	154	2	446610 117520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Alstom Transport Renovation Property Type: MAKING OF OTHER TRANSPORT EQUIP/SHIPS/TRAINS/BIKES Location: Eastleigh Works, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: N00034 Permit Version: 1 Effective Date: 1st September 1986 Issued Date: 1st September 1986 Revocation Date: 30th October 2006 Discharge Type: Trade Discharge - Process Water Discharge Environment: Lake/Reservoir - with outlet Receiving Water: Freshwater Stream Or River **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NW (E)	154	2	446610 117520
4	**Discharge Consents** Operator: Prysmian Cables & Systems Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Pirelli Cables, Special Cables Division, Chickenhall Lane, Eastleigh Hampshire Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: P06646r Permit Version: 1 Effective Date: 1st April 1997 Issued Date: 1st April 1997 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Tips) Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	219	2	446780 117690
5	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Chickenhall Eastleigh Wwtw, Chickenhall Lane, Eastleigh, Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 12 Effective Date: 31st March 2015 Issued Date: 23rd March 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	254	2	446540 118110
5	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Chickenhall Eastleigh Wwtw, Chickenhall Lane, Eastleigh, Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 10 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: 22nd March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	254	2	446540 118110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Chickenhall Eastleigh Wwtw, Chickenhall Lane, Eastleigh, Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 9 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 10th December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	254	2	446540 118110
6	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 14 Effective Date: 24th October 2018 Issued Date: 24th October 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	258	2	446810 117880
6	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 14 Effective Date: 24th October 2018 Issued Date: 24th October 2018 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	258	2	446810 117880
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 13 Effective Date: 31st March 2015 Issued Date: 4th December 2013 Revocation Date: 23rd October 2018 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	268	2	446818 117888

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 13 Effective Date: 31st March 2015 Issued Date: 4th December 2013 Revocation Date: 23rd October 2018 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	268	2	446818 117888
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 12 Effective Date: 4th December 2013 Issued Date: 4th December 2013 Revocation Date: 30th March 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	268	2	446818 117888
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 12 Effective Date: 4th December 2013 Issued Date: 4th December 2013 Revocation Date: 30th March 2015 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status:** **Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	268	2	446818 117888
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 11 Effective Date: 23rd March 2010 Issued Date: 23rd March 2010 Revocation Date: 3rd December 2013 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status:** **Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 11 Effective Date: 23rd March 2010 Issued Date: 23rd March 2010 Revocation Date: 3rd December 2013 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 10 Effective Date: 11th December 2009 Issued Date: 11th December 2009 Revocation Date: 22nd March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
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7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 9 Effective Date: 1st April 2009 Issued Date: 14th October 2008 Revocation Date: 10th December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 8 Effective Date: 31st December 2008 Issued Date: 14th September 2007 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 8 Effective Date: 31st December 2008 Issued Date: 14th September 2007 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 6 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th December 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 6 Effective Date: 20th December 2005 Issued Date: 20th December 2005 Revocation Date: 30th December 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 7 Effective Date: 31st December 2008 Issued Date: 30th March 2005 Revocation Date: 31st December 2008 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 7 Effective Date: 31st December 2008 Issued Date: 30th March 2005 Revocation Date: 31st December 2008 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 5 Effective Date: 31st December 2000 Issued Date: 20th December 2000 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 5 Effective Date: 31st December 2000 Issued Date: 20th December 2000 Revocation Date: 19th December 2005 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 4 Effective Date: 1st April 1987 Issued Date: 1st April 1987 Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 4 Effective Date: 1st April 1987 Issued Date: 1st April 1987 Revocation Date: 30th December 2000 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 3 Effective Date: 30th March 1982 Issued Date: 30th March 1982 Revocation Date: 31st March 1987 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 3 Effective Date: 30th March 1982 Issued Date: 30th March 1982 Revocation Date: 31st March 1987 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 2 Effective Date: 30th July 1979 Issued Date: 30th July 1979 Revocation Date: 29th March 1982 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 2 Effective Date: 30th July 1979 Issued Date: 30th July 1979 Revocation Date: 29th March 1982 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 1 Effective Date: 22nd January 1960 Issued Date: 22nd January 1960 Revocation Date: 29th July 1979 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: Southern Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Chickenhall Eastleigh Wwtw Chickenhall Lane, Eastleigh, ., Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: Old-River Itchen Reference: A00154 Permit Version: 1 Effective Date: 22nd January 1960 Issued Date: 22nd January 1960 Revocation Date: 29th July 1979 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A14SE (E)	308	2	446840 117930
8	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Chickenhall Eastleigh Wwtw, Chickenhall Lane, Eastleigh, Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 11 Effective Date: 23rd March 2010 Issued Date: 23rd March 2010 Revocation Date: 30th March 2015 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	276	2	446710 118030
8	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Sewage Disposal Works - Water Company Location: Chickenhall Eastleigh Wwtw, Chickenhall Lane, Eastleigh, Hampshire, So50 6rq Authority: Environment Agency, Southern Region Catchment Area: River Itchen Reference: A00154 Permit Version: 8 Effective Date: 31st December 2008 Issued Date: 14th September 2007 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: The River Itchen **Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	276	2	446710 118030
9	**Discharge Consents** Operator: Special Cables Division Property Type: Undefined Or Other Location: Factory Site, Chickenhall Lane, Eastleigh, Hampshire Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P11000I Permit Version: 1 Effective Date: 30th January 1985 Issued Date: 30th January 1985 Revocation Date: 31st March 1997 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SE (E)	314	2	446880 117690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**Discharge Consents** Operator: Southampton International Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Southampton International Airport, Wide Lane, Southampton, Hampshire, So18 2nl Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprcb3999em Permit Version: 2 Effective Date: 24th July 2020 Issued Date: 24th July 2020 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	349	2	445255 117289
11	**Discharge Consents** Operator: Southampton International Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Southampton International Airport, Wide Lane, Southampton, Hampshire, So18 2nl Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprcb3999em Permit Version: 2 Effective Date: 24th July 2020 Issued Date: 24th July 2020 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	426	2	445208 117153
12	**Discharge Consents** Operator: Southampton International Airport Limited Property Type: AIR TRANSPORT/AIRPORT Location: Southampton International Airport, Wide Lane, Southampton, Hampshire, So18 2nl Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprcb3999em Permit Version: 2 Effective Date: 24th July 2020 Issued Date: 24th July 2020 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: Varied under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A2NE (SW)	455	2	445469 116875
13	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit,Po Box 23,Chickenhall Lane, Eastleigh, Hampshire, So50 9nz Authority: Environment Agency, Southern Region Permit Reference: Br9073 Dated: 12th April 2002 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation revoked** Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	228	2	446300 118200
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, P O Box 23, Chickenhall Lane, EASTLEIGH Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: AV4229 Dated: 12th April 1996 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	489	2	446351 118461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, P O Box 23, Chickenhall Lane, EASTLEIGH Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: Bh9779 Dated: 2nd May 2000 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Unknown	A19SW (NE)	494	2	446346 118466
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, P O Box 23, Chickenhall Lane, EASTLEIGH Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: AX1204 Dated: 5th February 1999 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	494	2	446351 118466
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, P O Box 23, Chickenhall Lane, EASTLEIGH Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: AQ4918 Dated: 5th April 1995 Process Type: IPC major (substantial) variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	494	2	446346 118466
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, Po Box 23, Chickenhall Lane, EASTLEIGH, Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: BD8843 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	499	2	446346 118471
14	**Integrated Pollution Controls** Name: Pirelli Cables Ltd Location: Optical Fibre Manufacturing Unit, P O Box 23, Chickenhall Lane, EASTLEIGH Hampshire, SO50 6YU Authority: Environment Agency, Southern Region Permit Reference: AY1706 Dated: 30th June 1997 Process Type: IPC major (substantial) variation Description: 3.3 A Mineral Fibres (non-Asbestos) within the Mineral Industry **Status: Authorisation superseded by a substantial or non substantial variation** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	499	2	446351 118471
15	**Integrated Pollution Prevention And Control** Name: Clean Power (Uk) Limited Location: Chicken Hall Lane, Chicken Hall Lane, EASTLEIGH, Hampshire, SO50 6RQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: VP3534EL Original Permit Ref: Vp3534el Effective Date: Not Supplied **Status: Valid** Application Type: Application App. Sub Type: New Positional Accuracy: Located by supplier to within 10m Activity Code: 5.1 A(1) (A) Activity Description: THE INCINERATION OF HAZARDOUS WASTE IN AN INCINERATION OR CO-INCINERATION PLANT WITH A CAPACITY EXCEEDING 10 TONNES PER DAY Primary Activity: Y Activity Code: 5.4 A(1) a) (i) Activity Description: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Primary Activity: N	A14NW (NE)	166	2	446540 118020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Integrated Pollution Prevention And Control** Name: Conrad (Bishopstoke) Limited Location: Bishopstoke Power Generation Plant, Unit 6 Riverside Ind Estate,Bishopstoke Power Generation Plant, Chickenhall Lane,,, Eastleigh, SO50 6JQ Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: WE9409AB Original Permit Ref: We9409ab Effective Date: 18th May 2023 **Status:** **Effective** Application Type: Not Supplied App. Sub Type: Not Supplied Positional Accuracy: Located by supplier to within 10m Activity Code: AR1 Activity Description: MCP Primary Activity: Y	A14NW (NE)	203	2	446647 117991
17	**Local Authority Integrated Pollution Prevention And Control** Name: Wessex Galvanisers Ltd Location: Tower Industrial Estate, Tower Lane, Eastleigh, SO50 5NZ Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: LA-IPPC001 Dated: 19th October 1995 Process Type: Production and Processing of Metals Description: Hot Dip Galvanising **Status:** **Permit Issued** Positional Accuracy: Located by supplier to within 10m	A18SE (N)	499	3	446095 118417
18	**Local Authority Pollution Prevention and Controls** Name: Alstom Train Services Location: Campbell Road, EASTLEIGH, Hampshire, SO50 5ZB Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: CRRV1 Dated: 25th September 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG6/41 Coating and recoating of rail vehicles **Status:** **Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A13SW (NW)	97	3	445816 117950
19	**Local Authority Pollution Prevention and Controls** Name: Stoneham Service Station Location: Southampton Road, EASTLEIGH, Hampshire, SO5 5QJ Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: Upss3 Dated: 8th December 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status:** **Authorisation revoked** Positional Accuracy: Automatically positioned to the address	A12SW (W)	148	3	445229 117777
20	**Local Authority Pollution Prevention and Controls** Name: Wessex Train Care Ltd Location: Eastleigh Works, Campbell Road, EASTLEIGH, Hampshire, SO50 5AD Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: Not Given Dated: 9th December 1996 Process Type: Local Authority Air Pollution Control Description: PG6/41 Coating and recoating of rail vehicles **Status:** **Authorisation has varied** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	185	3	445880 118013
21	**Local Authority Pollution Prevention and Controls** Name: Eastleigh Service Station (Texaco) Location: Southampton Road, EASTLEIGH, Hampshire, SO50 5QT Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: LAPPC022 Dated: 24th March 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status:** **Permitted** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	324	3	445562 118324
22	**Local Authority Pollution Prevention and Controls** Name: A J Blake Ltd Location: Unit 261 Market Street, EASTLEIGH, Hampshire, SO50 5QE Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: Mcp4 Dated: 28th July 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status:** **Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	344	3	445498 118342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**Local Authority Pollution Prevention and Controls** Name: Eastleigh Concrete Plant Location: Eastleigh Depot, Tower Industrial Estate, Eastleigh, SO50 6NZ Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: LAPPC039 Dated: 16th September 2010 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A18SE (N)	424	3	446066 118311
24	**Local Authority Pollution Prevention and Controls** Name: Wessex Galvanizers Ltd Location: Tower Industrial Estate, Tower Lane, EASTLEIGH, Hampshire, SO50 5NZ Authority: Eastleigh Borough Council, Environmental Health Department Permit Reference: LAIPPC001 Dated: 19th October 1995 Process Type: Local Authority Air Pollution Control Description: PG2/2 Hot dip galvanising processes **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A18SE (N)	499	3	446095 118417
	Nearest Surface Water Feature	A8NW (S)	0	-	445810 117322
25	**Pollution Incidents to Controlled Waters** Property Type: Other Transport Location: Alleyway Off York Road, Soton Road, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Sump Oil In Drains; Road (Road Traffic Accident) Incident Date: 15th July 1994 Incident Reference: 1367 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	89	2	445300 117900
26	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Minor Stream Close To Rail Bridge Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Incident Date: 19th April 1992 Incident Reference: 34 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	106	2	446600 117900
27	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Chickenhall Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Sewage - Treated Effluent Note: River Brown In Colour Incident Date: 13th March 1996 Incident Reference: 796115 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company STW Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	258	2	446800 117900
28	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Other Location: Lower Barton, Off Chickenhall Lane, EASTLEIGH Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: River Milky In Colour Incident Date: 22nd May 1996 Incident Reference: 796243 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (NE)	318	2	446700 118100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Pollution Incidents to Controlled Waters** Property Type: Rail Location: Campbell Road, EASTLEIGH, Hampshire Authority: Environment Agency, Southern Region Pollutant: Chemicals - Solvents Note: Fire At Eastleigh Locomotive Works Incident Date: 19th June 1997 Incident Reference: 797305 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	376	2	445800 118300
30	**Substantiated Pollution Incident Register** Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 27th February 2017 Incident Reference: 1504335 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Gas And Fuel Oils	A13SE (SE)	0	2	446014 117633
31	**Substantiated Pollution Incident Register** Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 24th July 2007 Incident Reference: 516836 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Gas And Fuel Oils	A13SW (NW)	0	2	445833 117772
32	**Substantiated Pollution Incident Register** Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 28th May 2015 Incident Reference: 1340488 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Sewage Materials: Final Effluent	A14NE (E)	409	2	446863 118063
33	**Water Abstractions** Operator: The Plant Director Licence Number: 11/42/22.10/119 Permit Version: 102 Location: Itchen Carrier At Rail Workshop, Eastleigh Authority: Environment Agency, Southern Region Abstraction: Transport: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	50	2	446580 117720
33	**Water Abstractions** Operator: The Plant Director Licence Number: 11/42/22.10/119 Permit Version: 101 Location: Itchen Carrier At Rail Workshop, Eastleigh Authority: Environment Agency, Southern Region Abstraction: Transport: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th July 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	50	2	446580 117720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**Water Abstractions** Operator: Wessex Traincare Ltd Licence Number: 11/42/22.10/119 Permit Version: 100 Location: Itchen Carrier At Rail Workshop, Eastleigh Authority: Environment Agency, Southern Region Abstraction: Transport: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SW (E)	50	2	446580 117720
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A8NW (SW)	0	4	445812 117457
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A13SW (W)	0	4	445861 117701
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A13NW (N)	0	4	445916 118000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A13SW (SE)	0	4	445942 117684
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A8NW (S)	0	4	445931 117468
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Intergranular Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium	A13SE (E)	0	4	446000 117684
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Intergranular Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium	A8NE (SE)	0	4	446053 117507
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (W)	0	4	445861 117701
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SE)	0	4	445942 117684
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SW (SE)	0	4	445942 117684

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A8NE (SE)	0	4	446053 117507
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A14SW (E)	72	2	446648 117754
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8SE (S)	106	2	446102 117234
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A9NW (E)	128	2	446550 117450
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8SE (SE)	136	2	446174 117264
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	157	2	446298 117296
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8SE (S)	112	2	446102 117234
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A9NW (E)	128	2	446550 117450
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8SE (SE)	136	2	446174 117264
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A14SE (E)	137	2	446710 117804
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	157	2	446298 117296
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A9SW (SE)	234	2	446420 117224
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	0	5	445937 117455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (E)	0	5	446487 117860
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (E)	1	5	446483 117856
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (NE)	1	5	446403 117935
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 196.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (S)	2	5	446001 117468
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	2	5	446139 117482
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	4	5	445887 117396
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	6	5	445774 117274
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	6	5	445817 117313
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	6	5	445945 117443

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	6	5	445949 117445
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	9	5	445938 117436
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 280.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	11	5	446032 117467
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 339.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	14	5	446315 117410
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	18	5	446036 117463
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	18	5	446047 117465
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 236.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NW (S)	26	5	445869 117347
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (NE)	27	5	446396 117931
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	28	5	446405 117461

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (NE)	29	5	446380 117952
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 232.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	30	5	446045 117452
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 340.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	31	5	445801 117206
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	31	5	445744 117225
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (NE)	32	5	446380 117957
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (NE)	33	5	446384 117953
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	40	5	446303 117416
60	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8NE (SE)	40	5	446301 117417
61	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	40	5	446301 117417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	40	5	446300 117417
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8NE (SE)	40	5	446295 117419
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	41	5	446418 117454
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8NE (SE)	45	5	446302 117412
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	47	5	446423 117451
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 122.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8NE (SE)	48	5	446301 117409
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 161.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SW (E)	54	5	446592 117717
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	71	5	445713 117194
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	73	5	446537 117556

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	74	5	446538 117555
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	77	5	446391 117384
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 116.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	77	5	446482 117474
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	77	5	446503 117497
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	85	5	446369 117368
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	106	5	446559 117524
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	113	5	446570 117530
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	119	5	446401 117342
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	121	5	446375 117332

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	124	5	446375 117329
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	128	5	446673 117686
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	135	5	446378 117313
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 142.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	135	5	446407 117327
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	135	5	446677 117681
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	141	5	446311 117281
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	147	5	446622 117602
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 100.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A9NW (SE)	150	5	446540 117420
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9NW (E)	150	5	446619 117563

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 196.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9NW (E)	150	5	446621 117570
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (E)	150	5	446621 117570
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	154	5	446693 117670
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NW (SE)	155	5	446520 117395
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8NE (SE)	158	5	446257 117295
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9NW (E)	162	5	446613 117507
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	162	5	446693 117658
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 120.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8SE (SE)	169	5	446148 117246
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	170	5	446698 117651

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 639.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9NW (SE)	171	5	446546 117403
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 211.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	171	5	446311 117281
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	174	5	446735 117844
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	175	5	445691 117090
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	185	5	446706 117639
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9NE (E)	194	5	446718 117618
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	199	5	445783 117059
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	209	5	446781 117814
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	216	5	446275 117241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A14SE (E)	216	5	446790 117806
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 110.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	221	5	446254 117227
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 178.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	232	5	445987 117151
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	233	5	445982 117167
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A14SE (E)	233	5	446806 117816
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 729.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A14SE (E)	233	5	446806 117816
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 337.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9SW (SE)	233	5	446359 117216
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 534.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	236	5	446713 117477
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	238	5	446148 117246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	238	5	446813 117801
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	241	5	446145 117243
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 186.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8SE (SE)	241	5	446136 117242
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	244	5	445663 117028
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	249	5	445707 117010
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 184.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	250	5	445660 117022
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (SW)	250	5	445660 117022
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 154.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	263	5	445707 116996
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A9SW (SE)	265	5	446407 117192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	271	5	446409 117186
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	271	5	446409 117186
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	271	5	446410 117187
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	278	5	445891 117015
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	296	5	446173 117187
130	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	310	5	445843 116960
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 94.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	312	5	446183 117168
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 170.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	313	5	446854 117626
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 206.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	315	5	446891 117774

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A14SE (E)	315	5	446891 117774
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 272.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	320	5	445657 116949
136	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A14SE (E)	322	5	446899 117759
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 86.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A14SE (E)	325	5	446901 117755
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SW (S)	326	5	445873 116953
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8SW (S)	326	5	445873 116953
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	343	5	446791 117463
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	346	5	446458 117121
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	347	5	446679 117288

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	350	5	446031 117012
144	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (SE)	351	5	446689 117293
145	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (SE)	351	5	446689 117293
146	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A9NE (SE)	358	5	446729 117327
147	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 113.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	360	5	446768 117378
148	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	361	5	446795 117427
149	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	361	5	446590 117177
150	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	365	5	446935 117699
151	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 114.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	371	5	446031 117012

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 106.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A14SE (E)	372	5	446939 117685
153	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 576.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	372	5	446608 117178
154	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8SE (SE)	374	5	446209 117094
155	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 286.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	374	5	446214 117094
156	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	376	5	445905 116912
157	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	377	5	445806 116882
158	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 92.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (SE)	383	5	446204 117088
159	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	383	5	446579 117141
160	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	386	5	445800 116872

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	395	5	446683 117219
162	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NE (S)	397	5	445993 116941
163	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 194.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A8SE (S)	397	5	446138 117031
164	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	399	5	445864 116865
165	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 184.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	400	5	445672 116863
166	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A9SE (SE)	401	5	446750 117288
167	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A9SE (SE)	401	5	446750 117288
168	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 127.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NE (S)	406	5	445986 116924
169	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	410	5	446822 117366

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	411	5	446843 117411
171	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	412	5	446845 117414
172	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	415	5	446823 117365
173	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	419	5	445971 116899
174	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 116.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	420	5	445909 116866
175	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 42.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A2NE (SW)	430	5	445574 116862
176	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	432	5	446438 117028
177	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 397.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Itchen Catchment Name: Itchen Primacy: 1	A9SW (SE)	438	5	446329 117012
178	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	446	5	446477 117023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 130.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	450	5	446970 117552
180	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 86.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	450	5	446739 117200
181	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 187.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NE (S)	465	5	445988 116856
182	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A10NW (E)	469	5	447020 117617
183	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	470	5	446439 116990
184	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A2NE (SW)	471	5	445572 116820
185	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	473	5	445856 116792
186	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	474	5	446972 117508
187	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	475	5	445820 116785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 190.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A8SE (S)	476	5	446215 116988
189	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 2	A3NW (S)	484	5	445867 116785
190	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	484	5	445882 116787
191	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	484	5	446980 117499
192	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	486	5	445882 116787
193	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	486	5	446970 117476
194	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	486	5	446343 116964
195	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 172.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	491	5	446970 117476
196	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 85.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	491	5	446970 117476

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
197	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9NE (E)	491	5	446902 117346
198	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 99.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	493	5	445949 116799
199	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 87.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	493	5	446869 117288
200	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 283.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	493	5	445867 116777
201	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 126.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A3NW (S)	493	5	445867 116777
202	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A15SW (E)	494	5	447059 117664
203	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A15SW (E)	495	5	447062 117668
204	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SW (SE)	498	5	446360 116953
205	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A2NE (S)	498	5	445577 116789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A2NE (S)	498	5	445577 116789
207	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 80.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	499	5	446861 117269
208	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Itchen Primacy: 1	A9SE (SE)	499	5	446861 117269
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Itchen WaterBody ID: GB107042022580 Operational Catchment: Itchen Management Catchment: Test and Itchen Catchment Name: Test & Itchen	A13SW (SE)	0	2	445942 117684
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Monks Brook WaterBody ID: GB107042016310 Operational Catchment: Itchen Management Catchment: Test and Itchen Catchment Name: Test & Itchen	A12NE (NW)	0	2	445560 118030
	Water Framework Directive - Groundwater Waterbody Name: Central Hants Bracklesham Group Waterbody ID: GB40702G500900 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40702G500900 Overall Rating: Good Chemical Rating: Good Quantitative Measure: Good Year: 2019	A9SE (SE)	419	2	446714 117126

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	**Historical Landfill Sites** Licence Holder: British Rail Location: North of Airport on BR Land, West of Southampton Road, Eastleigh, Hampshire Name: Old Gravel Pit Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20509 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1700/9102 BGS Ref: Not Supplied Other Ref: FEA24, E 2	A12SE (NW)	0	2	445564 117965
210	**Historical Landfill Sites** Licence Holder: H T Hughes and Sons (Transport) Limited Location: Wide Lane - Doncaster Drove, Eastleigh, Hampshire Name: Land at Lakeside Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20590 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1700/9094 BGS Ref: Not Supplied Other Ref: FEA34, EA 094	A12SW (W)	224	2	445189 117692
211	**Historical Landfill Sites** Licence Holder: Sir Alfred McAlpine and Son Limited Location: Wide Lane - Doncaster Drove, Eastleigh, Hampshire Name: Land at the west of Wide Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20589 First Input Date: 19th January 1983 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1700/9020 BGS Ref: Not Supplied Other Ref: FEA10, 9/20	A12SW (W)	257	2	445177 117655
212	**Licensed Waste Management Facilities (Locations)** Licence Number: 408195 Location: Riverside Industrial Park, Chickenhall Lane, Eastleigh, Hampshire, SO50 6JQ Operator Name: AQUAVITRUM LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Physical Treatment Facilities **Licence Status: Issued** Issued: 20th February 2023 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SW (E)	64	2	446570 117870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
213	**Licensed Waste Management Facilities (Locations)** Licence Number: 404522 Location: Eastleigh Railworks, Campbell Road, Eastleigh, Hampshire, SO50 5AB Operator Name: HAMPSHIRE ENVIRONMENTAL SERVICES LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Treatment of waste to produce soil <75,000 tpy **Licence Status: Surrendered** Issued: 18th January 2018 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 18th January 2018 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	239	2	446136 118132
214	**Licensed Waste Management Facilities (Locations)** Licence Number: 103992 Location: Eastleigh Rail Works, Campbell Road, Eastleigh, Hamp Operator Name: RAXSTAR LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Metal recycling site **Licence Status: Surrendered** Issued: 28th March 2012 Last Modified: 28th March 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 28th August 2024 IPPC Reference: Not Supplied Positional Accuracy: Manually positioned to the road within the address or location	A13NW (NW)	255	2	445710 118214
215	**Licensed Waste Management Facilities (Locations)** Licence Number: 100948 Location: Eastleigh Works, Campbell Road, Eastleigh, Hampshire, SO50 5AD Operator Name: KNIGHTS RAIL ENVIRONMENTAL SERVICES LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) **Licence Status: Surrendered** Issued: 3rd November 2009 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 3rd November 2009 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	373	2	445756 118324
216	**Licensed Waste Management Facilities (Locations)** Licence Number: 404363 Location: Tower Lane, Eastleigh, Hampshire, SO50 6NZ Operator Name: AGGREGATE INDUSTRIES UK LIMITED Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Inert & Excavation Waste TS **Licence Status: Surrendered** Issued: 3rd November 2017 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 3rd November 2017 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NE (N)	390	2	446110 118301
	Local Authority Landfill Coverage Name: Eastleigh Borough Council - Has no landfill data to supply		0	6	445942 117684
	Local Authority Landfill Coverage Name: Hampshire County Council - Had landfill data but passed it to the relevant environment agency		0	7	445942 117684
217	**Potentially Infilled Land (Non-Water)** Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (N)	84	-	446083 118107

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
218	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (NE)	110	-	446286 118085
219	**Potentially Infilled Land (Non-Water)** Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (NW)	147	-	445616 118138
220	**Potentially Infilled Land (Non-Water)** Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NW (NE)	320	-	446644 118142
221	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	99	-	446354 118067
222	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	279	-	446416 118235
223	**Registered Landfill Sites** Licence Holder: Sir Alfred Macalpine & Sons Ltd Licence Reference: 9/ 20 Site Location: West Of Wide Lane &, North Of Doncaster Drove, Swaythling, Southampton, Hampshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: The Oaks Hooton, Little Sutton, Ellesmere Port, Cheshire, Ch66 7nd Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Landfill Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 19th January 1983 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Excavated Natural Materials $ Household Waste Prohibited Waste: Biodegradable/Putrescible Waste Chemical Wastes Food Waste Hazardous Wastes Liquid Wastes Phenols, Analogues/Derivatives Poisonous, Noxious, Polluting Wastes Sludge Wastes Special Wastes	A12SW (W)	237	2	445182 117677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Landfill Sites				
224	Licence Holder: H T Hughes & Sons (Transport) Ltd Licence Reference: EA 094 Site Location: Lakeside Wide Lane, Eastleigh, Hampshire Licence Easting: 445100 Licence Northing: 117620 Operator Location: Warren Farm, Down End Road, FAREHAM, Hampshire, PO17 6AL Authority: Environment Agency - Southern Region, Hampshire Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence has completion certificateSurrendered Dated: 1st May 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Max.Waste Permitted By Licence Sand,Chalk,Grav,Nat.Occ.Earth Spoils Prohibited Waste: Biodegradable Waste Contam. Solid Land Clearance Waste Food Waste Liquid/Slurry/Sludge Wastes Paper/Cardboard/Packaging Plasterboard/Plaster Special Wastes Timber Vegetable Matter Waste N.O.S.	A7NW (W)	338	2	445100 117620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Bracklesham Group And Barton Group (Undifferentiated)	A13SW (SE)	0	1	445942 117684
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SW (W)	0	1	445862 117707
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SE)	0	1	445942 117684
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (S)	0	1	445931 117468
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (SE)	0	1	446053 117507
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NW (E)	73	1	446500 117500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (SW)	139	1	445689 117130

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
225	**BGS Recorded Mineral Sites** Site Name: North Stoneham Farm Gravel Pit Location: North Stoneham, Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162025 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	0	1	445808 117399
226	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162027 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	0	1	445542 118001
227	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162017 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	92	1	446266 118046
228	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Clay Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162019 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	143	1	445615 118134
229	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162016 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	194	1	446234 118146
230	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162028 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	227	1	446150 118128

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162018 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	325	1	446651 118144
232	**BGS Recorded Mineral Sites** Site Name: Eastleigh Rail Depot Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 10986 Type: Rail Depot **Status: Active** Operator: Aggregate Industries Uk Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A13NE (N)	381	1	446110 118290
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SW (E)	0	1	446436 117848
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NW (NE)	173	1	446551 118023
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446052 117447
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A9NW (E)	0	1	446410 117501
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SW (E)	89	1	446640 117695
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A9SW (SE)	224	1	446533 117228
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	445900 117700
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	445900 117700
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
233	**Contemporary Trade Directory Entries** Name: The Furniture Doctor Location: 334, Southampton Road, Eastleigh, Hampshire, SO50 5QH Classification: Furniture - Repairing & Restoring **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	51	-	445364 117998
234	**Contemporary Trade Directory Entries** Name: X B R Electronics Ltd Location: Campbell Road, EASTLEIGH, Hampshire, SO50 5AE Classification: Electronic Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (N)	129	-	445881 117949
234	**Contemporary Trade Directory Entries** Name: Brite Group Location: 58, Campbell Road, Eastleigh, Hampshire, SO50 5AE Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (N)	155	-	445929 117961
235	**Contemporary Trade Directory Entries** Name: Stoneham Service Station Location: Southampton Road, Eastleigh, Hampshire, SO50 5QJ Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	148	-	445229 117777
236	**Contemporary Trade Directory Entries** Name: Prolevel-Live Location: Campbell Road, Eastleigh, Hampshire, SO50 5AB Classification: Sound Equipment Systems Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	185	-	445892 118005
237	**Contemporary Trade Directory Entries** Name: Parkway Car Sales Ltd Location: Southampton Road, EASTLEIGH, Hampshire, SO50 5QT Classification: Car Dealers - Used **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	216	-	445510 118214
237	**Contemporary Trade Directory Entries** Name: Bts Garage Services Location: Southampton Rd, Eastleigh, Hampshire, SO50 5QT Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	226	-	445494 118223
237	**Contemporary Trade Directory Entries** Name: K P G Waste Services Location: 311, Market Street, Eastleigh, Hampshire, SO50 5QE Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	249	-	445472 118243
238	**Contemporary Trade Directory Entries** Name: Sparkle & Gleam Location: 283, Desborough Road, Eastleigh, Hampshire, SO50 5NG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NW (NW)	250	-	445268 118182
239	**Contemporary Trade Directory Entries** Name: Hydrodynamix Cleaning Services Location: High St, Eastleigh, Hants, SO50 5NB Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	275	-	445398 118252
240	**Contemporary Trade Directory Entries** Name: Texaco Location: Southampton Road, Eastleigh, SO50 5QT Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	276	-	445539 118276
240	**Contemporary Trade Directory Entries** Name: Eastleigh Service Station Location: Southampton Road, Eastleigh, Hampshire, SO50 5QT Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	276	-	445539 118276

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
241	**Contemporary Trade Directory Entries** Name: Grove Press Location: 260, High Street, Eastleigh, Hampshire, SO50 5NA Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	314	-	445419 118299
242	**Contemporary Trade Directory Entries** Name: Scroll Gates Location: Unit 2, Southampton Road, Eastleigh, SO50 5QT Classification: Gate Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	323	-	445562 118323
242	**Contemporary Trade Directory Entries** Name: Master Tech Autos Ltd Location: Southampton Road, Eastleigh, Hampshire, SO50 5QT Classification: Air Conditioning & Refrigeration Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	324	-	445562 118324
242	**Contemporary Trade Directory Entries** Name: M R Exhaust Location: Southampton Rd, Eastleigh, Hampshire, SO50 5QT Classification: Exhaust & Shock Absorber Centres **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	343	-	445550 118344
243	**Contemporary Trade Directory Entries** Name: Rupert Vernon-Smith Location: The Old Fire Station,1a Derby Road, Eastleigh, Hampshire, SO50 5QD Classification: Jewellery Manufacturers & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	376	-	445480 118372
243	**Contemporary Trade Directory Entries** Name: Trident Property Preservation Ltd Location: 2, Derby Road, Eastleigh, Hampshire, SO50 5QA Classification: Woodworm Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	407	-	445477 118403
244	**Contemporary Trade Directory Entries** Name: Alstom Transport Location: Campbell Road, Eastleigh, Hampshire, SO50 5AD Classification: Railways **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	424	-	445677 118408
245	**Contemporary Trade Directory Entries** Name: Draka Uk Ltd Location: Chickenhall Lane, Eastleigh, Hampshire, SO50 6YU Classification: Wire Products - Manufacturers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A19SW (NE)	443	-	446331 118416
245	**Contemporary Trade Directory Entries** Name: Prysmain Cables & Systems Location: PRYSMIAN CABLES LTD, CHICKENHALL LANE, EASTLEIGH, SO50 6YU Classification: Wire Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	470	-	446309 118442
246	**Contemporary Trade Directory Entries** Name: Matisa Uk Ltd Location: Eastleigh Works, Campbell Road, Eastleigh, SO50 5AD Classification: Railway Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	449	-	445896 118323
246	**Contemporary Trade Directory Entries** Name: P W Patterns Location: Unit 11b Eastleigh Rail Works,Campbell Road, Eastleigh, Hampshire, SO50 5AD Classification: Pattern Makers - Industrial **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	450	-	445896 118323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	**Contemporary Trade Directory Entries** Name: T L Jetclean Location: 265, Chamberlayne Road, Eastleigh, Hampshire, SO50 5HX Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	471	-	445128 118353
248	**Fuel Station Entries** Name: Stoneham Esso Express Location: Southampton Road , Eastleigh , Southampton, Hampshire, SO50 5QJ Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A12SW (W)	148	-	445229 117777
249	**Fuel Station Entries** Name: Eastleigh Service Station Location: 109, Southampton Road , Eastleigh , Southampton, Hampshire, SO50 5QT Brand: TEXACO Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	276	-	445539 118276
250	**Points of Interest - Commercial Services** Name: Eastleigh Service Station Location: Southampton Road, Eastleigh, SO50 5QT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NE (NW)	221	8	445513 118220
251	**Points of Interest - Commercial Services** Name: K P G Waste Services Location: 311 Market Street, Eastleigh, SO50 5QE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A12NE (NW)	248	8	445472 118242
251	**Points of Interest - Commercial Services** Name: G H Rigby Location: 288 High Street, Eastleigh, SO50 5NA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12NE (NW)	259	8	445411 118240
252	**Points of Interest - Commercial Services** Name: Eastleigh Service Station Location: 109 Southampton Road, Eastleigh, SO50 5QT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NE (NW)	275	8	445538 118276
252	**Points of Interest - Commercial Services** Name: Car Wash Location: Southampton Road, Eastleigh, SO50 5QT Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12NE (NW)	276	8	445539 118276
252	**Points of Interest - Commercial Services** Name: Scroll Gates Location: Southampton Road, Eastleigh, SO50 5QT Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	324	8	445562 118324
252	**Points of Interest - Commercial Services** Name: Scroll Gates Location: Southampton Road, Eastleigh, SO50 5QT Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A17SE (NW)	324	8	445562 118324
253	**Points of Interest - Commercial Services** Name: Trident Property Preservation Ltd Location: 2 Derby Road, Eastleigh, SO50 5QA Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A17SE (NW)	407	8	445477 118403

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	**Points of Interest - Commercial Services** Name: Trident Property Preservation Ltd Location: 2 Derby Road, Eastleigh, SO50 5QA Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A17SE (NW)	407	8	445477 118403
253	**Points of Interest - Commercial Services** Name: Frozen Drinks (Southern) Ltd Location: 12 Derby Road, Eastleigh, SO50 5LY Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SE (NW)	435	8	445390 118416
254	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO18 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (NE)	12	8	446249 117926
255	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (NW)	18	8	445875 117834
255	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (NW)	23	8	445862 117843
256	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (NE)	23	8	446013 117781
256	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (NE)	26	8	446004 117788
257	**Points of Interest - Manufacturing and Production** Name: Riverside Industrial Park Location: SO50 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	82	8	446576 117890
258	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (NE)	161	8	446090 117957
258	**Points of Interest - Manufacturing and Production** Name: Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	198	8	446015 117966
259	**Points of Interest - Manufacturing and Production** Name: Factory Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	218	8	446123 118095
260	**Points of Interest - Manufacturing and Production** Name: Eastleigh Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	235	8	445794 118133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
260	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NW (N)	287	8	445781 118205
260	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (N)	287	8	445781 118205
261	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	243	8	446280 118212
261	**Points of Interest - Manufacturing and Production** Name: Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	243	8	446280 118212
262	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	277	8	446005 118060
262	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	313	8	446015 118120
263	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	329	8	446136 118244
263	**Points of Interest - Manufacturing and Production** Name: Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	329	8	446136 118244
263	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (N)	332	8	446149 118257
263	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (N)	334	8	446145 118256
263	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (N)	362	8	446110 118267
263	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13NE (N)	363	8	446107 118266

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
263	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	369	8	446108 118274
264	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	342	8	446392 118308
264	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	369	8	446386 118336
264	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	418	8	446324 118391
264	**Points of Interest - Manufacturing and Production** Name: Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	419	8	446324 118392
264	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	439	8	446431 118398
264	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	443	8	446432 118402
264	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	447	8	446434 118406
265	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	372	8	445995 118187
265	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	403	8	446014 118245
266	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	389	8	445788 118323
266	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SW (N)	392	8	445781 118331

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	393	8	445789 118328
267	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO18 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (W)	399	8	445220 117452
268	**Points of Interest - Manufacturing and Production** Name: Works Location: SO50 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	448	8	445902 118317
268	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	451	8	445909 118316
269	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	452	8	446435 118410
269	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	455	8	446436 118413
269	**Points of Interest - Manufacturing and Production** Name: Tanks Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	456	8	446428 118416
269	**Points of Interest - Manufacturing and Production** Name: Tank Location: SO50 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SW (NE)	458	8	446438 118416
270	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO18 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (E)	152	8	446625 117590
270	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO18 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (E)	156	8	446630 117590
271	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO50 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	241	8	446815 117810
272	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO18 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	271	8	445886 117020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
272	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO30 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	327	8	445879 116954
272	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO30 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	329	8	445887 116956
273	**Points of Interest - Public Infrastructure** Name: Texaco Location: 109 Southampton Road, Eastleigh, SO50 5QT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (NW)	275	8	445538 118276
273	**Points of Interest - Public Infrastructure** Name: Eastleigh Service Station Location: Southampton Road, Eastleigh, SO50 5QT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (NW)	275	8	445538 118276
273	**Points of Interest - Public Infrastructure** Name: Eastleigh Sstn Location: Southampton Road, Eastleigh, SO50 5QT Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12NE (NW)	276	8	445539 118276
274	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19SW (NE)	375	8	446473 118316
274	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19SW (NE)	375	8	446472 118316
274	**Points of Interest - Public Infrastructure** Name: Filter Beds Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	414	8	446485 118353
275	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO30 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (SE)	383	8	446226 117081
275	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO30 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SE (SE)	385	8	446222 117081
276	**Points of Interest - Public Infrastructure** Name: Sewage Works Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	438	8	446643 118272
277	**Points of Interest - Public Infrastructure** Name: Slurry Beds Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	487	8	446572 118391

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
278	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	489	8	444919 118041
278	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: SO50 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A11NE (W)	490	8	444918 118041
279	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO18 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	492	8	445961 116810
279	**Points of Interest - Public Infrastructure** Name: Sluice Location: SO18 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	495	8	445962 116808
280	**Points of Interest - Recreational and Environmental** Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (NE)	35	8	446156 117813
280	**Points of Interest - Recreational and Environmental** Name: Playground Location: Campbell Road, SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (NE)	37	8	446155 117814
281	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	339	8	445453 118331
282	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SO50 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	354	8	445057 118032

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
283	**Nitrate Vulnerable Zones** Name: Hamble Estuary Eutrophic Nvz (Trac) Description: Eutrophic Water Source: Environment Agency, Head Office	A13SW (SE)	0	4	445942 117684
284	**Sites of Special Scientific Interest** Name: River Itchen Multiple Areas: Y Total Area (m2): 7484309.05 Source: Natural England Reference: 2000227 Designation Details: Special Area Of Conservation Designation Date: 16th August 2000 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 16th August 2000 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 16th August 2000 Date Type: Notified	A8NE (SE)	0	9	446032 117467
285	**Special Areas of Conservation** Name: River Itchen Multiple Areas: Y Total Area (m2): 3039927.93 Source: Natural England Reference: UK0012599 **Status: Designated**	A8NE (SE)	7	9	446032 117467

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	November 2023	Annually
Southampton City Council - Environmental Health Services Pollution And Safety	October 2017	Annual Rolling Update
Eastleigh Borough Council - Environmental Health Department	September 2017	Annual Rolling Update
Test Valley Borough Council - Housing and Environmental Health Service	September 2017	Annual Rolling Update
Winchester City Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	October 2024	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Southern Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	October 2024	Quarterly
Environment Agency - Southern Region	October 2024	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Southampton City Council - Environmental Health Services Pollution And Safety	August 2014	Variable
Winchester City Council - Environmental Health Department	December 2014	Variable
Eastleigh Borough Council - Environmental Health Department	September 2014	Variable
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Variable
Local Authority Pollution Prevention and Controls		
Southampton City Council - Environmental Health Services Pollution And Safety	August 2014	Not Applicable
Winchester City Council - Environmental Health Department	December 2020	Annual Rolling Update
Eastleigh Borough Council - Environmental Health Department	September 2014	Annual Rolling Update
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Southampton City Council - Environmental Health Services Pollution And Safety	August 2014	Variable
Winchester City Council - Environmental Health Department	December 2014	Variable
Eastleigh Borough Council - Environmental Health Department	September 2014	Variable
Test Valley Borough Council - Housing and Environmental Health Service	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	October 2024	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	
Historical Prosecutions		
Environment Agency, Southern Region	March 2013	Not Applicable
Registered Radioactive Substances		
Environment Agency - Head Office	May 2023	
Environment Agency - Southern Region	May 2023	
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	October 2024	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	October 2024	Quarterly
Environment Agency - Southern Region - Solent and South Downs	October 2024	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2024	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	As notified

Agency & Hydrological	Version	Update Cycle
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	October 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2024	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2024	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	October 2024	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	November 2024	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	November 2024	Quarterly
Environment Agency - Southern Region - Solent and South Downs	November 2024	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	October 2024	Quarterly
Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office	October 2024	Quarterly
Environment Agency - Southern Region - Solent and South Downs	October 2024	Quarterly
Local Authority Landfill Coverage		
Eastleigh Borough Council	February 2003	Not Applicable
Hampshire County Council - Minerals and Waste Planning	February 2003	Not Applicable
Southampton City Council - Environmental Health Services Pollution And Safety	February 2003	Not Applicable
Test Valley Borough Council - Environmental Protection Team	February 2003	Not Applicable
Winchester City Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Eastleigh Borough Council	October 2018	
Hampshire County Council - Minerals and Waste Planning	October 2018	
Southampton City Council - Environmental Health Services Pollution And Safety	October 2018	
Test Valley Borough Council - Environmental Protection Team	October 2018	
Winchester City Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Southern Region - Hampshire Area	March 2006	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Hampshire Area	April 2018	
Environment Agency - Southern Region - Solent and South Downs	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Hampshire Area	June 2015	
Environment Agency - Southern Region - Solent and South Downs	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Southampton City Council - Development Control	February 2016	Variable
Eastleigh Borough Council	February 2023	Variable
Hampshire County Council - Minerals and Waste Planning	July 2023	Variable
Test Valley Borough Council - Environmental Protection Team	June 2023	Variable
Winchester City Council - Planning Department	June 2023	Variable
Planning Hazardous Substance Consents		
Eastleigh Borough Council	February 2016	Variable
Hampshire County Council - Minerals and Waste Planning	February 2016	Variable
Southampton City Council - Development Control	February 2016	Variable
Test Valley Borough Council - Environmental Protection Team	November 2015	Variable
Winchester City Council - Planning Department	October 2015	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	November 2024	Annually

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

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	November 2024	Bi-Annually
Areas of Adopted Green Belt		
Eastleigh Borough Council	July 2024	Quarterly
Southampton City Council	July 2024	Quarterly
Test Valley Borough Council - Environmental Protection Team	July 2024	Quarterly
Winchester City Council	July 2024	Quarterly
Areas of Unadopted Green Belt		
Eastleigh Borough Council	July 2024	Quarterly
Southampton City Council	July 2024	Quarterly
Test Valley Borough Council - Environmental Protection Team	July 2024	Quarterly
Winchester City Council	July 2024	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	November 2024	Bi-Annually
Environmentally Sensitive Areas		
Natural England	August 2023	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	August 2024	Bi-Annually
Marine Nature Reserves		
Natural England	August 2024	Bi-Annually
National Nature Reserves		
Natural England	August 2024	Bi-Annually
National Parks		
Natural England	September 2024	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	November 2024	Bi-Annually
Ramsar Sites		
Natural England	August 2024	Bi-Annually
Sites of Special Scientific Interest		
Natural England	April 2024	Bi-Annually
Special Areas of Conservation		
Natural England	October 2024	Bi-Annually
Special Protection Areas		
Natural England	November 2024	Bi-Annually

Data Suppliers

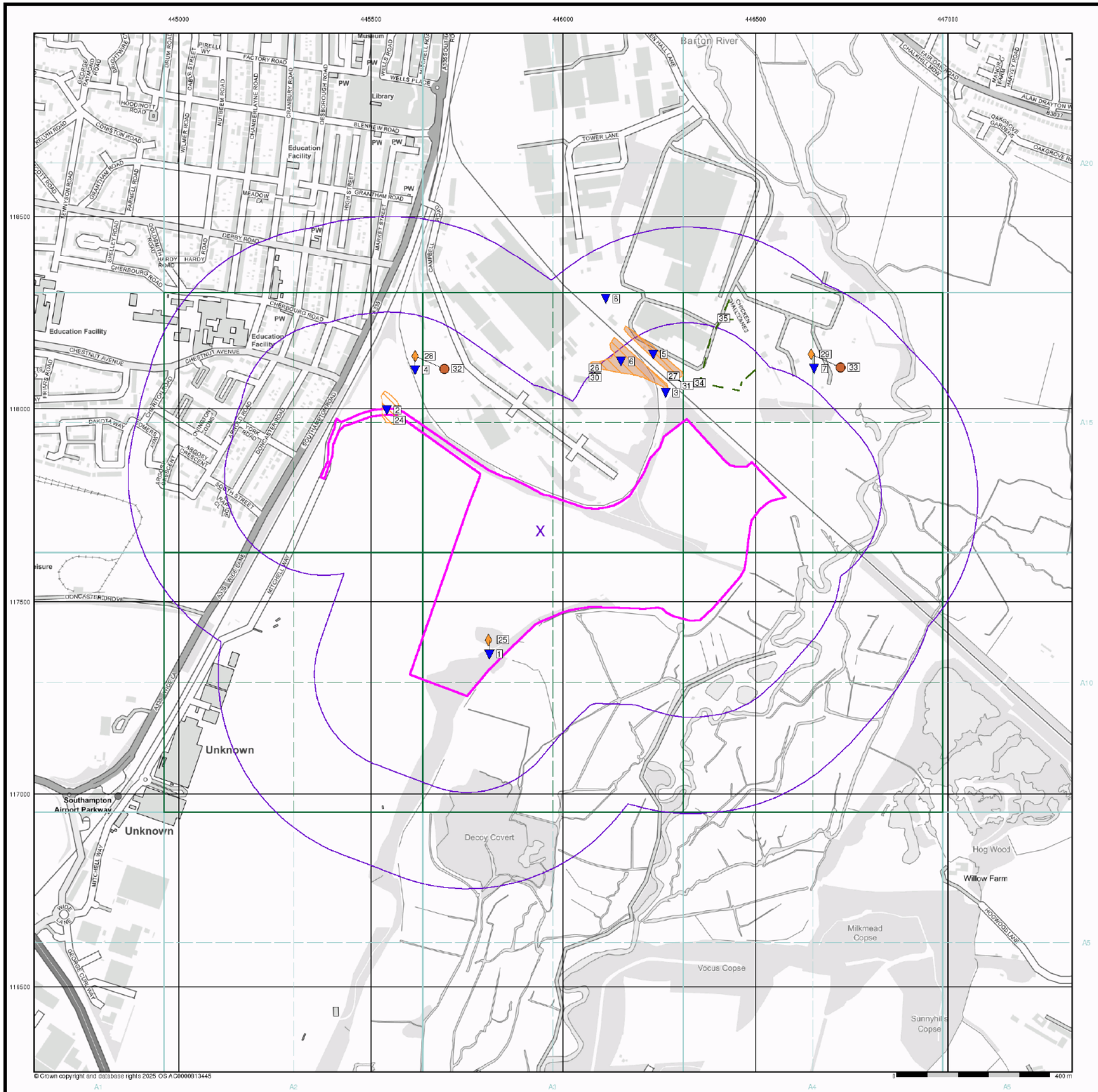
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Eastleigh Borough Council - Environmental Health Department** Civic Offices, Leigh Road, Eastleigh, Hampshire, SO50 9YN	Telephone: 023 80622302 Fax: 02380 688302 Website: www.eastleigh.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
6	**Eastleigh Borough Council** Civic Offices, Leigh Road, Eastleigh, Hampshire, SO50 9YN	Telephone: 02380 688000 Fax: 02380 688261 Website: www.eastleigh.gov.uk
7	**Hampshire County Council - Minerals and Waste Planning** Room 130, Ashburton Court West, The Castle, Winchester, Hampshire, SO23 8UD	Telephone: 01962 841841 Fax: 01962 847055 Website: www.hants.gov.uk
8	**PointX** 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



Historical Land Use Information (1:10,000)

General

Specified Site | Specified Buffer(s) | X Bearing Reference Point | Map ID

Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

Historical Land Use

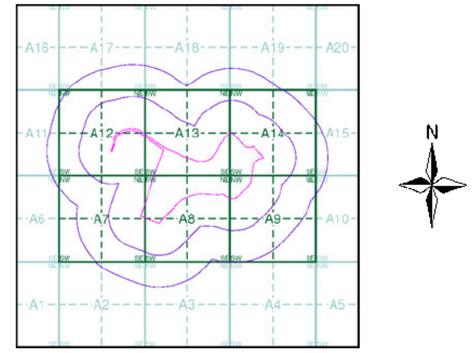
	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

Potential Mining Area

BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



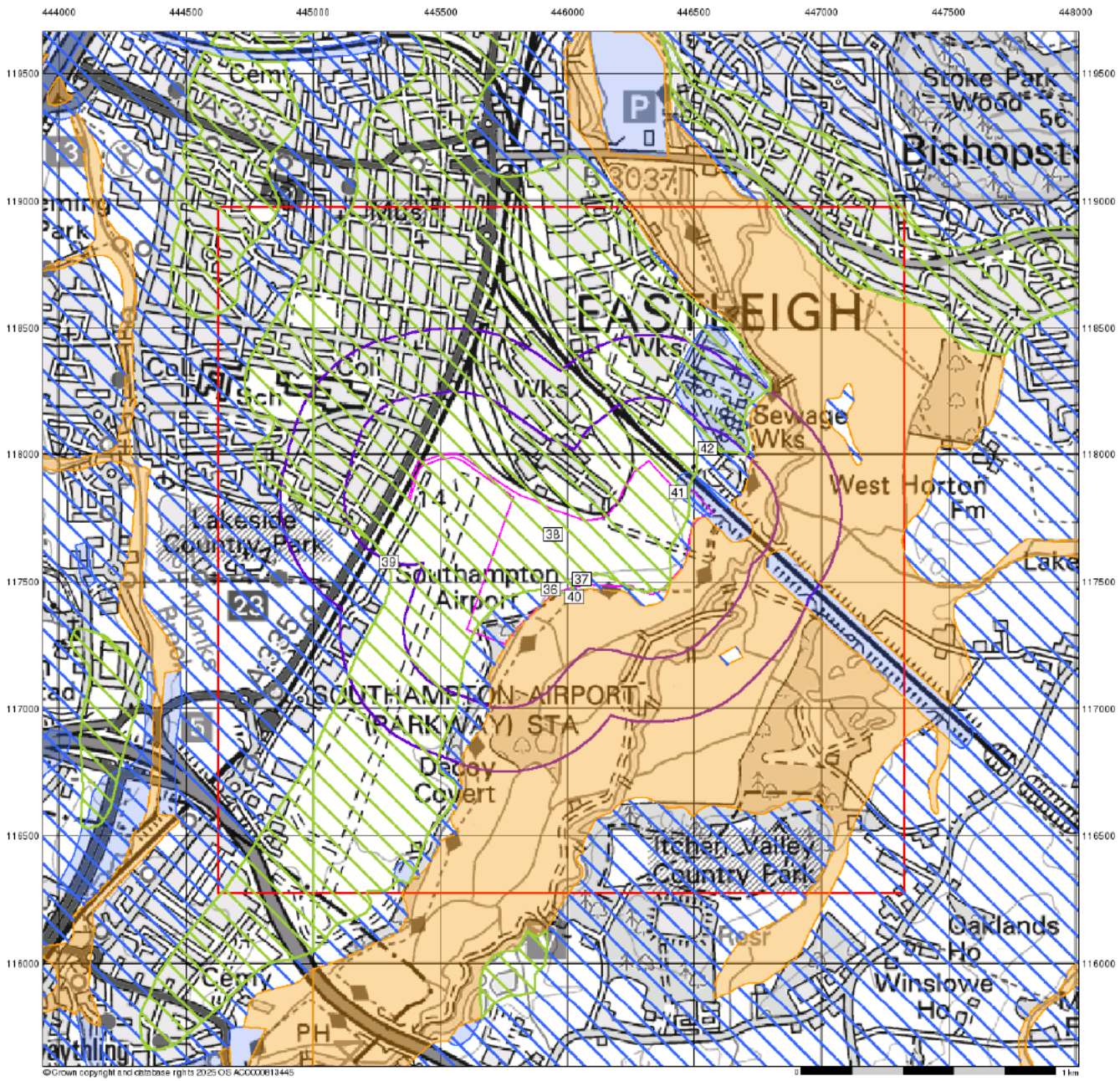
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

Site Details

Mitchell Way, Southampton, SO50 5QJ

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



Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

High | Low | Moderate | Very Low

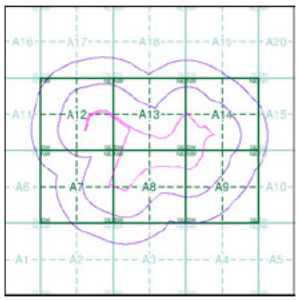
Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice A



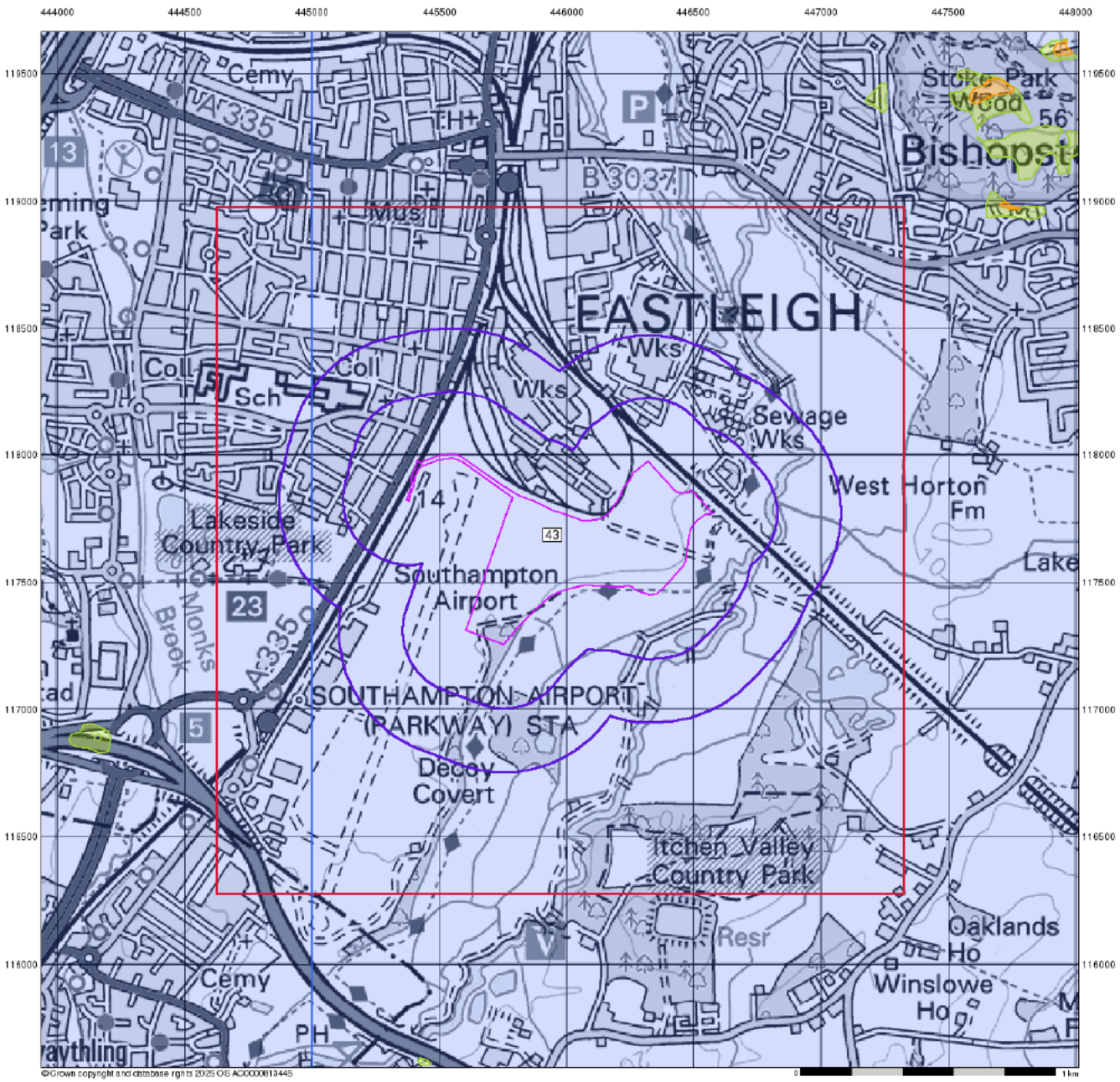
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Geo2™

Ground Stability Data (1:50,000)

General

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

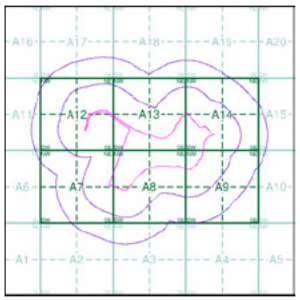
Potential for Landslide Ground Stability Hazards

High | Low | Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low | Moderate | Very Low

Mining and Ground Stability - Slice A



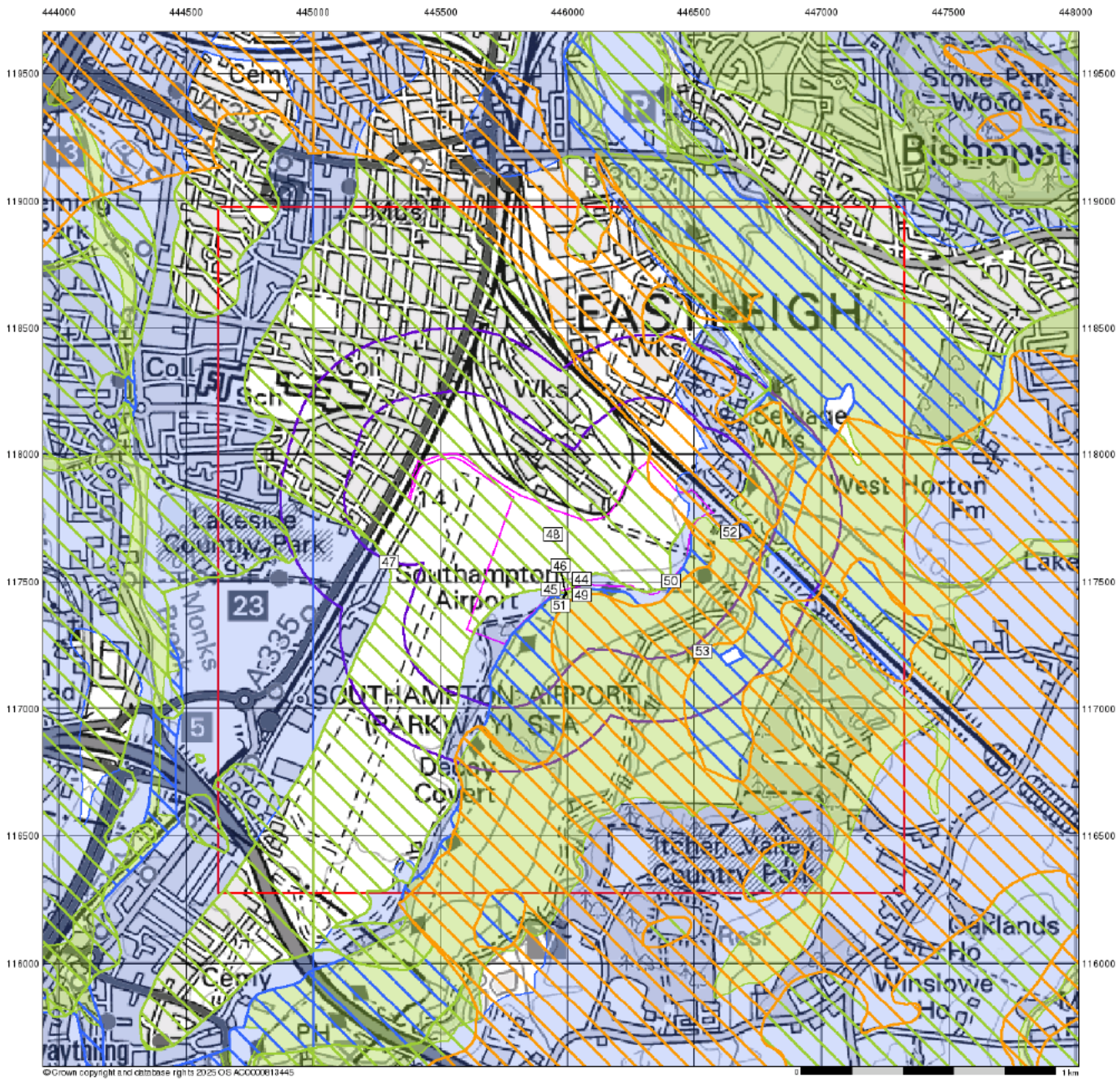
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

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Ground Stability Data (1:50,000)

General

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

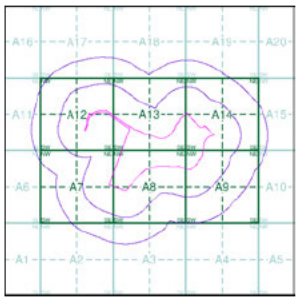
Potential for Running Sand Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

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Landmark INFORMATION GROUP
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Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
366723883_1_1

Customer Reference:
4362

National Grid Reference:
445940, 117680

Slice:
A

Site Area (Ha):
32.62

Search Buffer (m):
500

Site Details:

Mitchell Way
Southampton
SO50 5QJ

Client Details:

Mr A Wilson
Geo2 Remediation Ltd
Coniston House
Louisa Street
Bradford
West Yorkshire
BD10 8NE

Contents

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	3
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	5
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	6
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	8
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	9
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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m
Mining and Natural Cavities Data				
BGS Recorded Mineral Sites	pg 1	2	4	2
Coal Mining Affected Areas			n/a	n/a
Man Made Mining Cavities				
Mining Instability			n/a	n/a
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential Mining Areas				
Historical Land Use Information (1:2,500)				
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 3	7	8	n/a
Subterranean Features (100m)				n/a
Historical Land Use Information (1:10,000)				
Air Shafts				
Disturbed Ground				
General Quarrying				
Heap, unknown constituents				
Mineral Railway				
Mining & quarrying general				
Mining of coal & lignite				
Quarrying of sand & clay, operation of sand & gravel pits	pg 5	2	3	1
Former Marshes				
Potentially Infilled Land (Non-Water)	pg 5		3	1
Potentially Infilled Land (Water)	pg 5		1	1
Ground Stability Data (1:50,000)				
CBSCB Compensation District			n/a	n/a
Brine Pumping Related Features				
Brine Subsidence Solution Area				
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	Yes	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards	pg 6	Yes		n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 6	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	Yes	n/a
Salt Mining Related Features				

Summary

Report Version v53.0

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: North Stoneham Farm Gravel Pit Location: North Stoneham, Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162025 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits, 1 Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	0	1	445808 117399
2	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162027 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	0	1	445542 118001
3	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162017 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	92	1	446266 118046
4	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Clay Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162019 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	143	1	445615 118134
5	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162016 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	194	1	446234 118146
6	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162028 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	227	1	446150 118128

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**BGS Recorded Mineral Sites** Site Name: Chicken Hall Farm Gravel Pit Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 162018 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	325	1	446651 118144
8	**BGS Recorded Mineral Sites** Site Name: Eastleigh Rail Depot Location: Eastleigh, Hampshire Source: British Geological Survey, National Geoscience Information Service Reference: 10986 Type: Rail Depot **Status: Active** Operator: Aggregate Industries Uk Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A13NE (N)	381	1	446110 118290
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Extractive Industries or Potential Excavations from 1950-1980** Use: Old Gravel Pit First Map Published Date: 1951 Last Map Published Date: 1951	A8NW (SW)	0	-	445821 117429
10	**Extractive Industries or Potential Excavations from 1950-1980** Use: The Itchen Navigation First Map Published Date: 1951 Last Map Published Date: 1951	A8NW (S)	0	-	445811 117320
11	**Extractive Industries or Potential Excavations from 1950-1980** Use: Filter Tanks First Map Published Date: 1951 Last Map Published Date: 1963	A9NW (E)	0	-	446368 117624
12	**Extractive Industries or Potential Excavations from 1950-1980** Use: Railway Embankment First Map Published Date: 1951 Last Map Published Date: 1963	A14NW (NE)	0	-	446367 117975
13	**Extractive Industries or Potential Excavations from 1950-1980** Use: Railway Embankment First Map Published Date: 1951 Last Map Published Date: 1963	A13SE (NE)	0	-	446079 117754
14	**Extractive Industries or Potential Excavations from 1950-1980** Use: The Itchen Navigation (Disused) First Map Published Date: 1951 Last Map Published Date: 1951	A8NE (S)	0	-	446017 117477
15	**Extractive Industries or Potential Excavations from 1950-1980** Use: Unspecified Pit First Map Published Date: 1951 Last Map Published Date: 1951	A12NE (NW)	0	-	445573 117970
16	**Extractive Industries or Potential Excavations from 1950-1980** Use: The Itchen Navigation (Disused) First Map Published Date: 1951 Last Map Published Date: 1963	A8NE (SE)	1	-	446032 117474
17	**Extractive Industries or Potential Excavations from 1950-1980** Use: Pond First Map Published Date: 1951 Last Map Published Date: 1951	A8NW (S)	5	-	445842 117347
18	**Extractive Industries or Potential Excavations from 1950-1980** Use: Pond First Map Published Date: 1963 Last Map Published Date: N/A	A8NE (SE)	5	-	446242 117476
19	**Extractive Industries or Potential Excavations from 1950-1980** Use: Pond First Map Published Date: 1963 Last Map Published Date: N/A	A8NE (SE)	12	-	446298 117438

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Extractive Industries or Potential Excavations from 1950-1980** Use: Railway Cutting First Map Published Date: 1951 Last Map Published Date: 1951	A12SE (W)	18	-	445372 117909
21	**Extractive Industries or Potential Excavations from 1950-1980** Use: Railway Embankment First Map Published Date: 1963 Last Map Published Date: N/A	A14SW (E)	25	-	446601 117762
22	**Extractive Industries or Potential Excavations from 1950-1980** Use: Unspecified Deposited Material First Map Published Date: 1951 Last Map Published Date: N/A	A12NE (NW)	47	-	445570 118047
23	**Extractive Industries or Potential Excavations from 1950-1980** Use: Railway Embankment First Map Published Date: 1951 Last Map Published Date: 1951	A13SW (NW)	55	-	445791 117916

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1911	A12NE (NW)	0	-	445575 117971
25	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1911 - 1938	A8NW (SW)	0	-	445806 117400
26	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1911	A13NE (N)	84	-	446083 118107
27	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1897	A13NE (NE)	110	-	446286 118085
28	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1897	A12NE (NW)	147	-	445616 118138
29	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1897	A14NW (NE)	320	-	446644 118142
30	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (N)	84	-	446083 118107
31	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A13NE (NE)	110	-	446286 118085
32	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A12NE (NW)	147	-	445616 118138
33	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NW (NE)	320	-	446644 118142
34	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	99	-	446354 118067
35	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NW (NE)	279	-	446416 118235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
36	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
37	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
38	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
39	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
40	**Potential for Compressible Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
41	**Potential for Compressible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SW (E)	0	1	446436 117848
42	**Potential for Compressible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NW (NE)	173	1	446551 118023
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
43	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
44	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
45	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
46	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
47	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
48	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	445942 117684
49	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446052 117447
50	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A9NW (E)	0	1	446410 117501

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (S)	0	1	445989 117457
52	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14SW (E)	89	1	446640 117695
53	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A9SW (SE)	224	1	446533 117228
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	446053 117507
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	445931 117468
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (W)	217	1	445297 117577

Historical Map List

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU4416	1951
Ordnance Survey Plan	SU4418	1951
Ordnance Survey Plan	SU4517	1951
Ordnance Survey Plan	SU4517	1951
Ordnance Survey Plan	SU4517	1951
Ordnance Survey Plan	SU4517	1951
Ordnance Survey Plan	SU4616	1963
Ordnance Survey Plan	SU4616	1963
Ordnance Survey Plan	SU4617	1963
Ordnance Survey Plan	SU4617	1963
Ordnance Survey Plan	SU4617	1963
Ordnance Survey Plan	SU4617	1963
Ordnance Survey Plan	SU4516	1964
Ordnance Survey Plan	SU4516	1964
Ordnance Survey Plan	SU4618	1964
Ordnance Survey Plan	SU4618	1964

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Hampshire & Isle Of Wight	058_00	1871
Hampshire & Isle Of Wight	057_00	1872
Hampshire & Isle Of Wight	057_SE	1897
Hampshire & Isle Of Wight	058_SW	1897
Hampshire & Isle Of Wight	058_SW	1910
Hampshire & Isle Of Wight	057_SE	1911
Hampshire & Isle Of Wight	057_SE	1938
Hampshire & Isle Of Wight	058_SW	1939
Ordnance Survey Plan	SU41NE	1963
Ordnance Survey Plan	SU41NW	1963
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU41NW	1989
Ordnance Survey Plan	SU41NE	1990

Data Currency

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	 As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

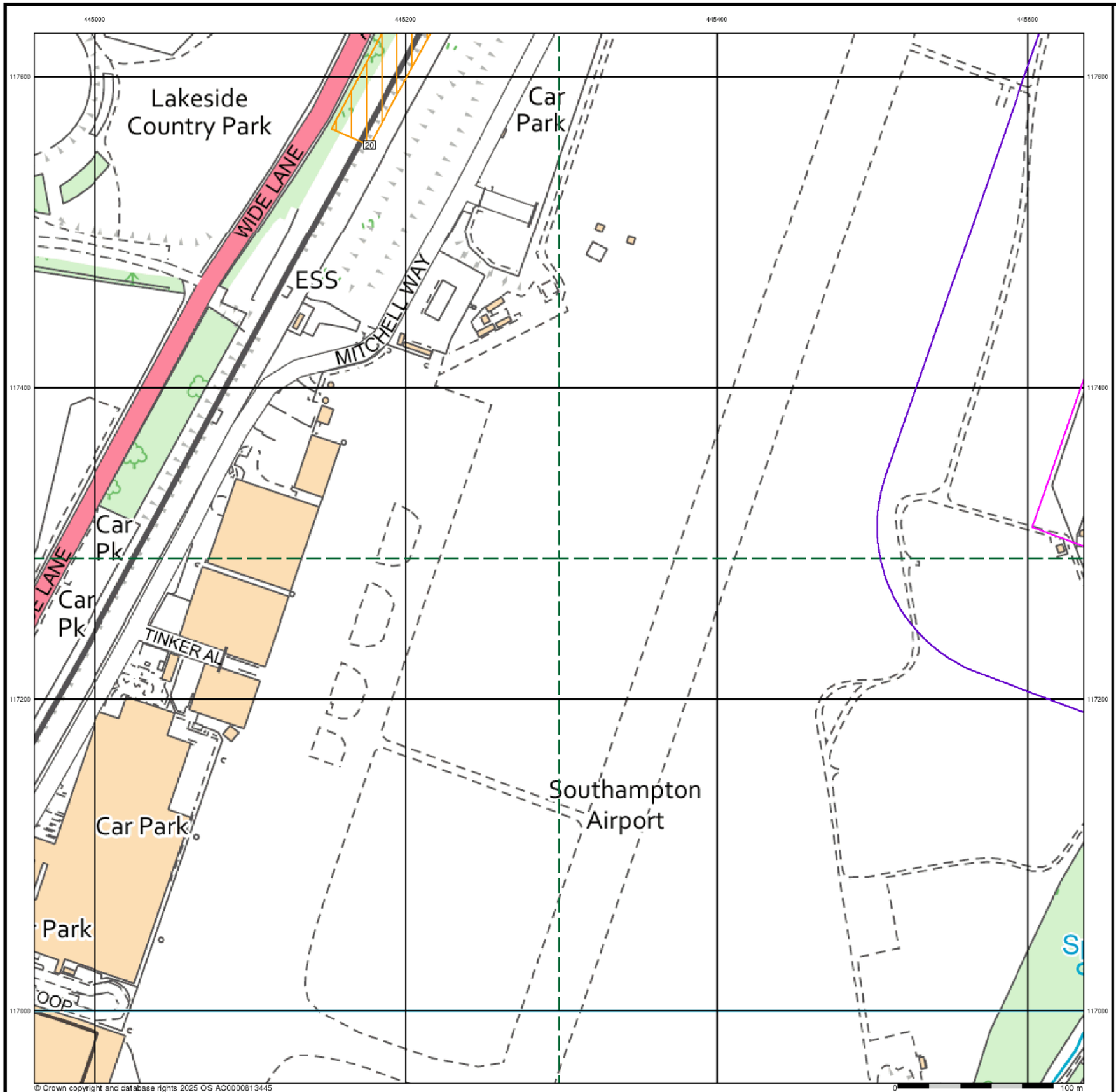
Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk



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Geo2™

Historical Land Use Information (1:2,500)

General

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

Several of Type at Location

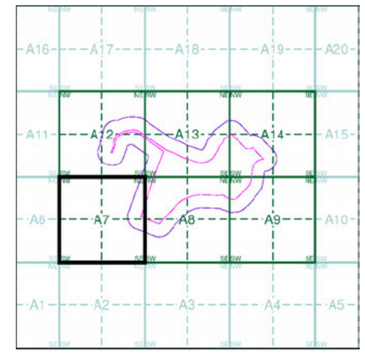
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1900 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A7



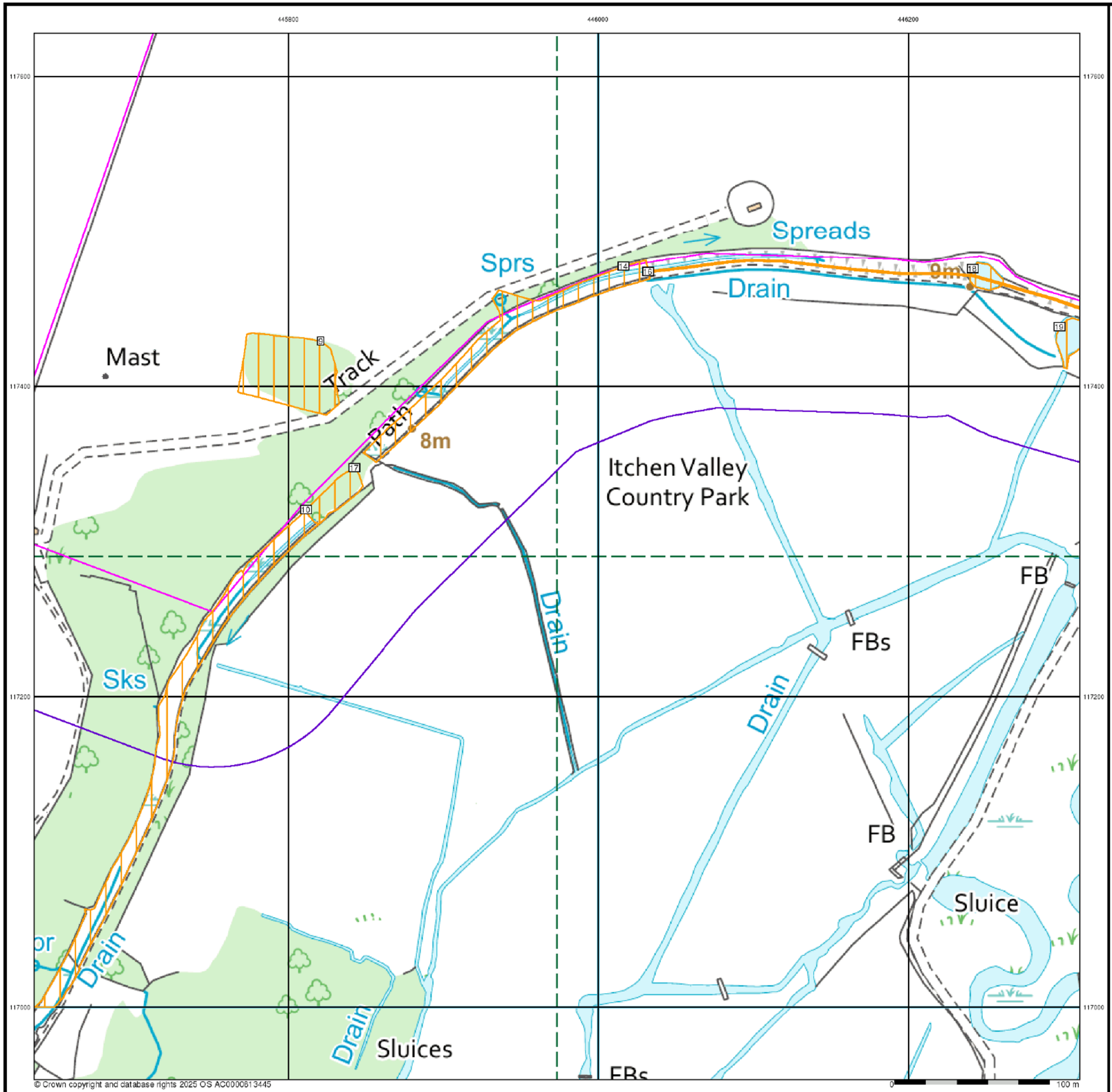
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

Site Details

Mitchell Way, Southampton, SO50 5QJ

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Historical Land Use Information (1:2,500)

General

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

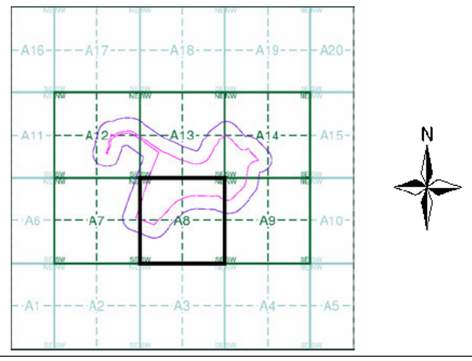
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1900 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A8



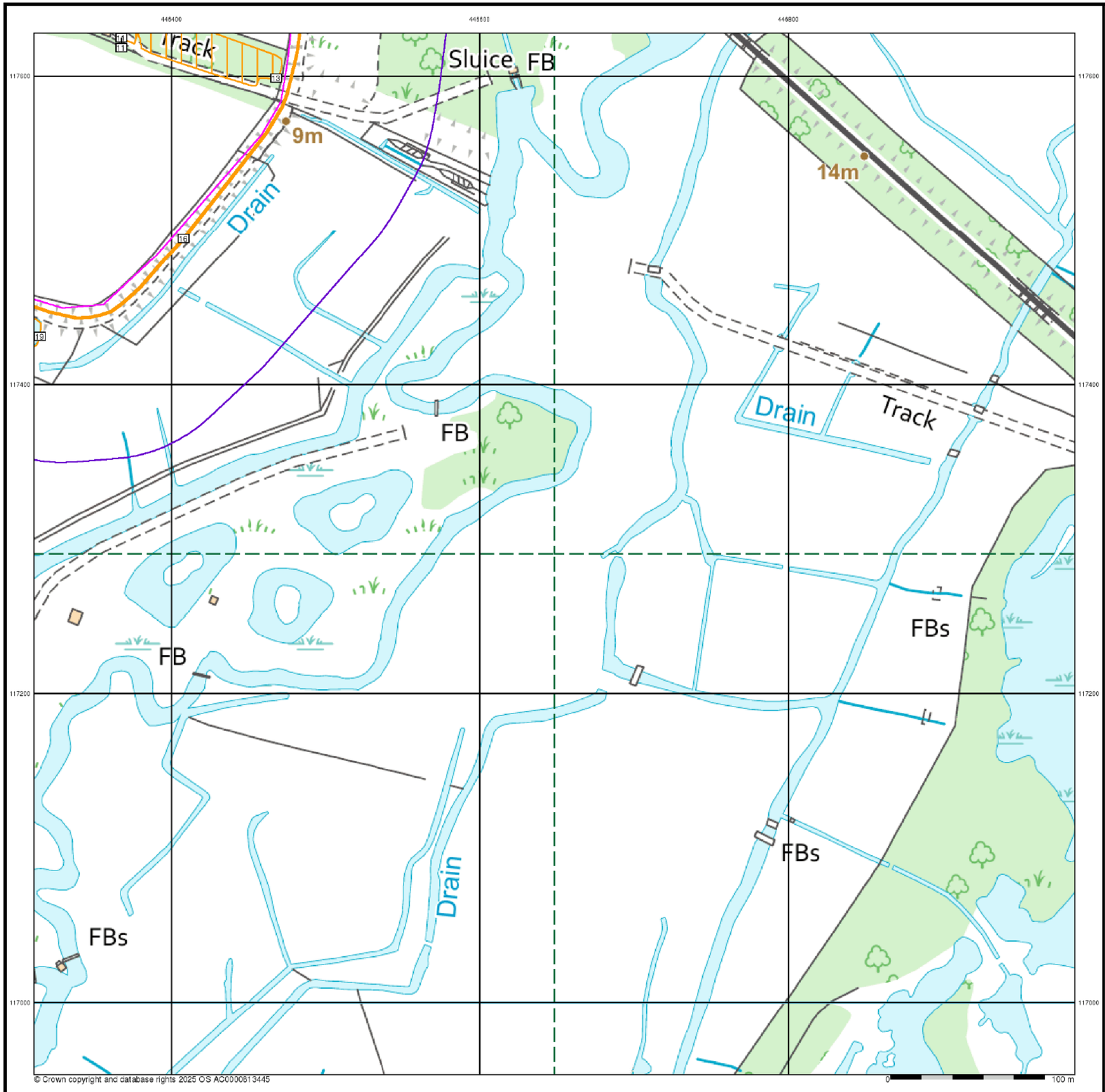
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

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Historical Land Use Information (1:2,500)

General

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

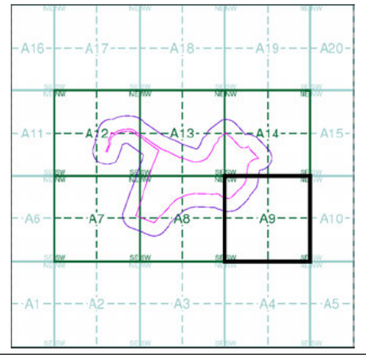
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▭
Extractive Industries Activity from 1900 - 1937	▲	—	▭
Extractive Industries Activity from 1924 - 1949	▲	—	▭
Extractive Industries Activity from 1950 - 1980	▲	—	▭

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A9



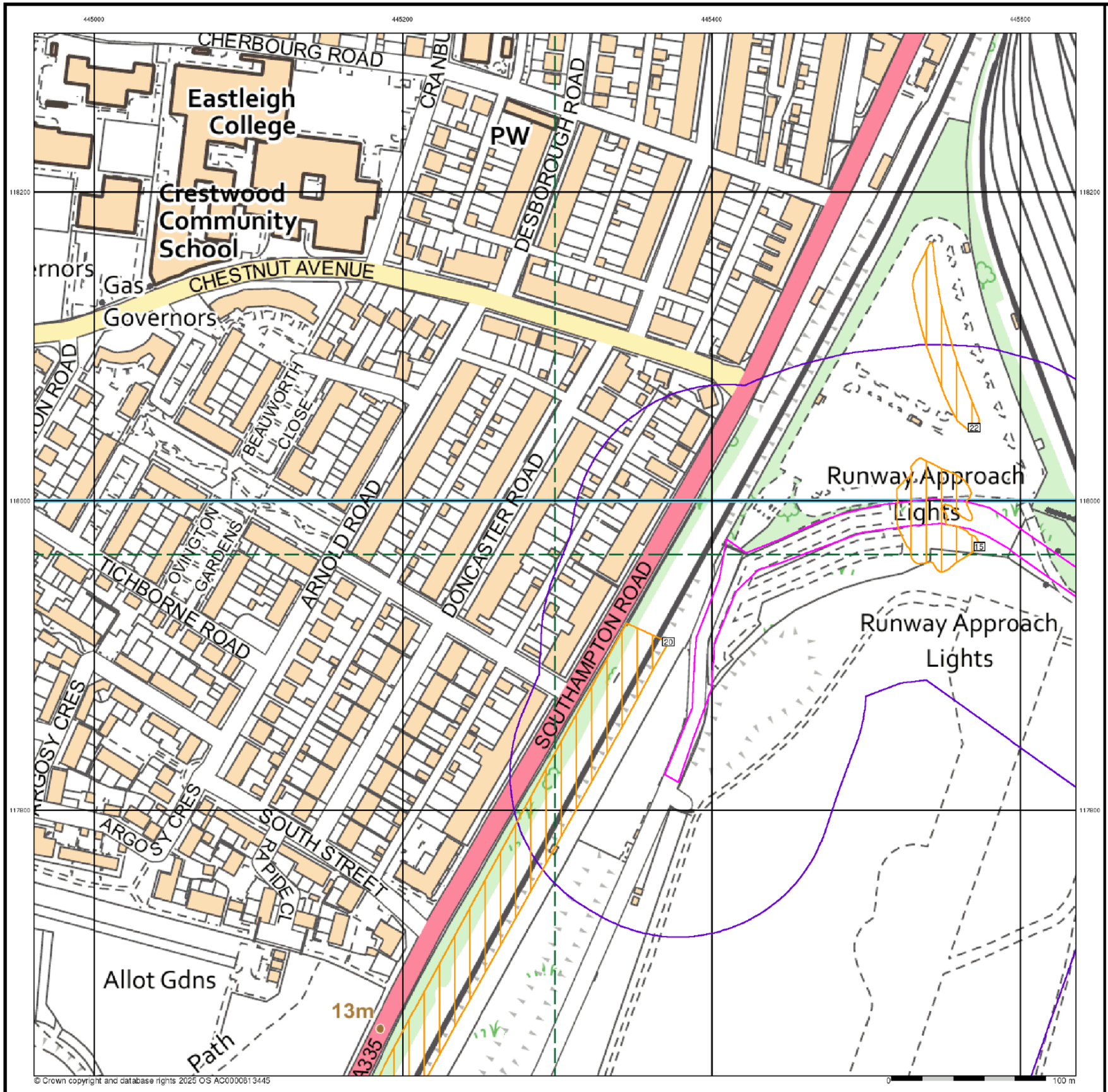
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

Site Details

Mitchell Way, Southampton, SO50 5QJ

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Geo2™

Historical Land Use Information (1:2,500)

General

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

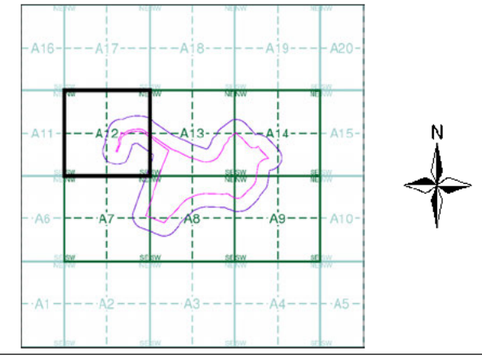
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1900 - 1937	▲	—	▦
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A12



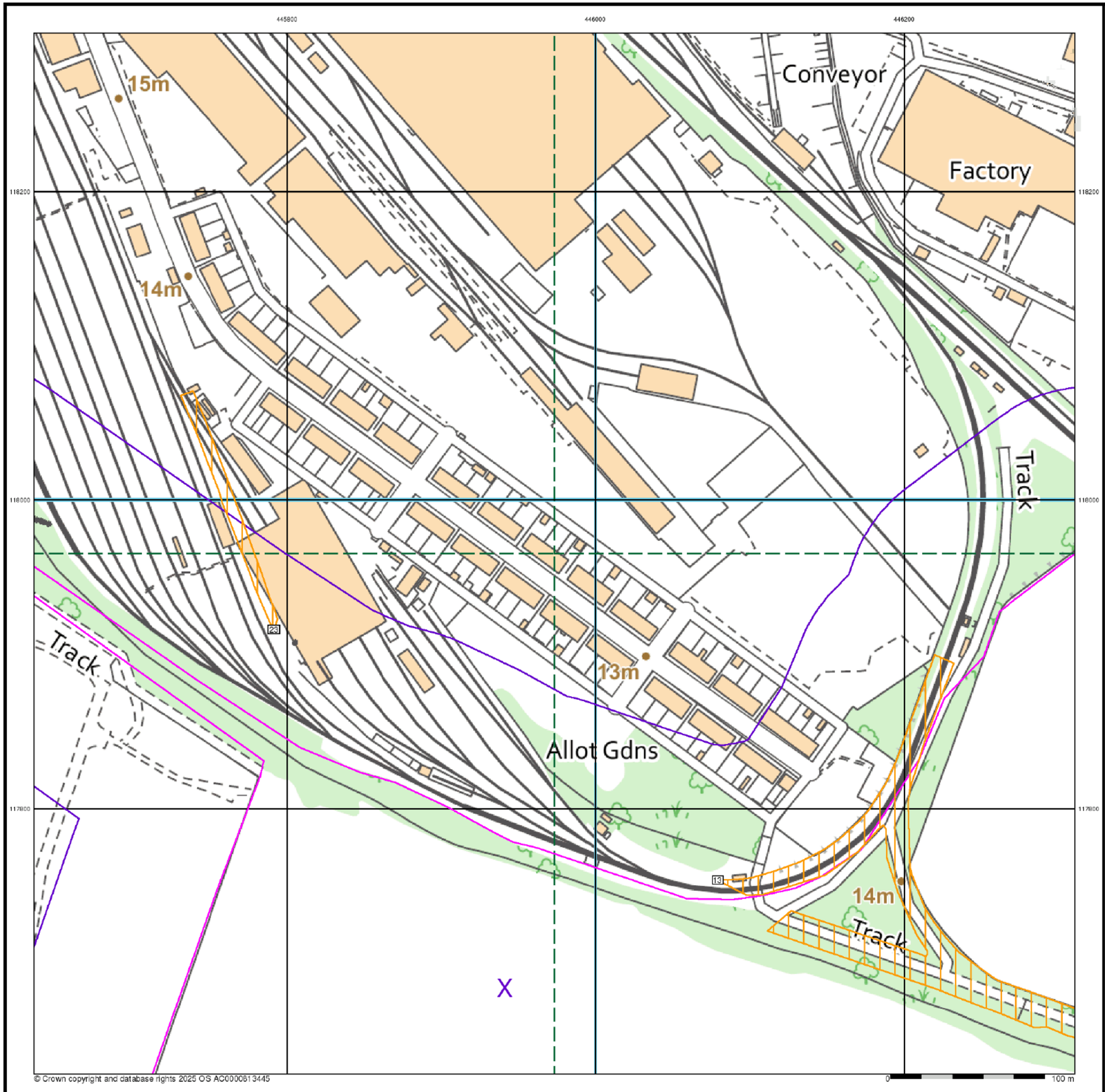
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

Site Details

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Historical Land Use Information (1:2,500)

General

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

Several of Type at Location

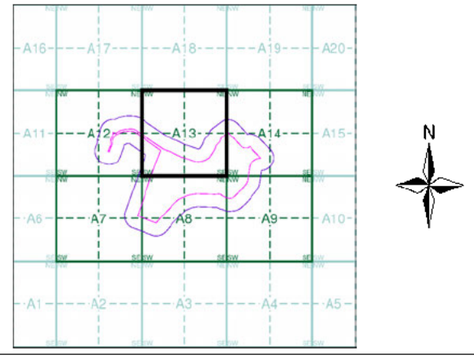
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1900 - 1937	▲	—	▦
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A13



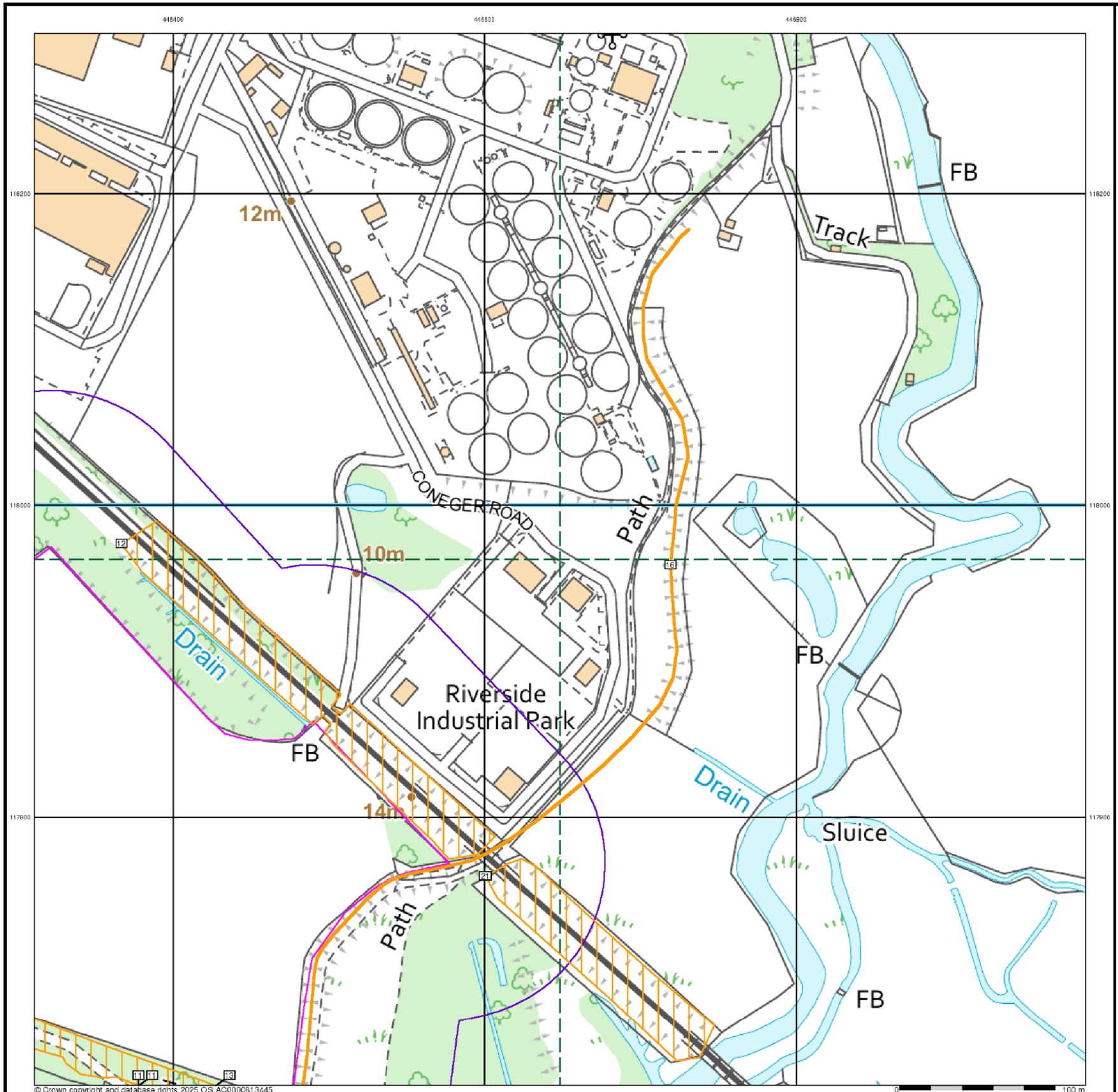
Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

Site Details

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Historical Land Use Information (1:2,500)

General

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

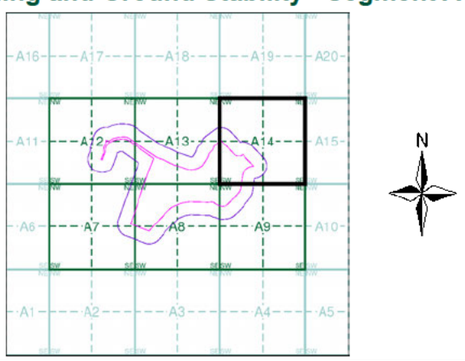
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	▭
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▤
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▥

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	▭

Mining and Ground Stability - Segment A14



Order Details

Order Number:	366723883_1_1
Customer Ref:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Plot Buffer (m):	100

Site Details

Mitchell Way, Southampton, SO50 5QJ

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Clay and Silt	Not Supplied - Quaternary
	TUFA	Tufa	Tufa, Calcareous	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Clay and Silt	Not Supplied - Quaternary
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	EA	Earnley Sand Formation	Sand, Silt and Clay	Not Supplied - Lutetian
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	WTT	Wittering Formation	Sand, Silt and Clay	Not Supplied - Ypresian
	WHI	Whitecliff Sand Member	Sand	Not Supplied - Palaeogene

Geo2™

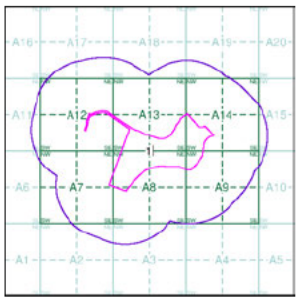
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**
Map Sheet No:	**315**
Map Name:	**Southampton**
Map Date:	**1987**
Bedrock Geology:	**Available**
Superficial Geology:	**Available**
Artificial Geology:	**Available**
Faults:	**Not Supplied**
Landslip:	**Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A

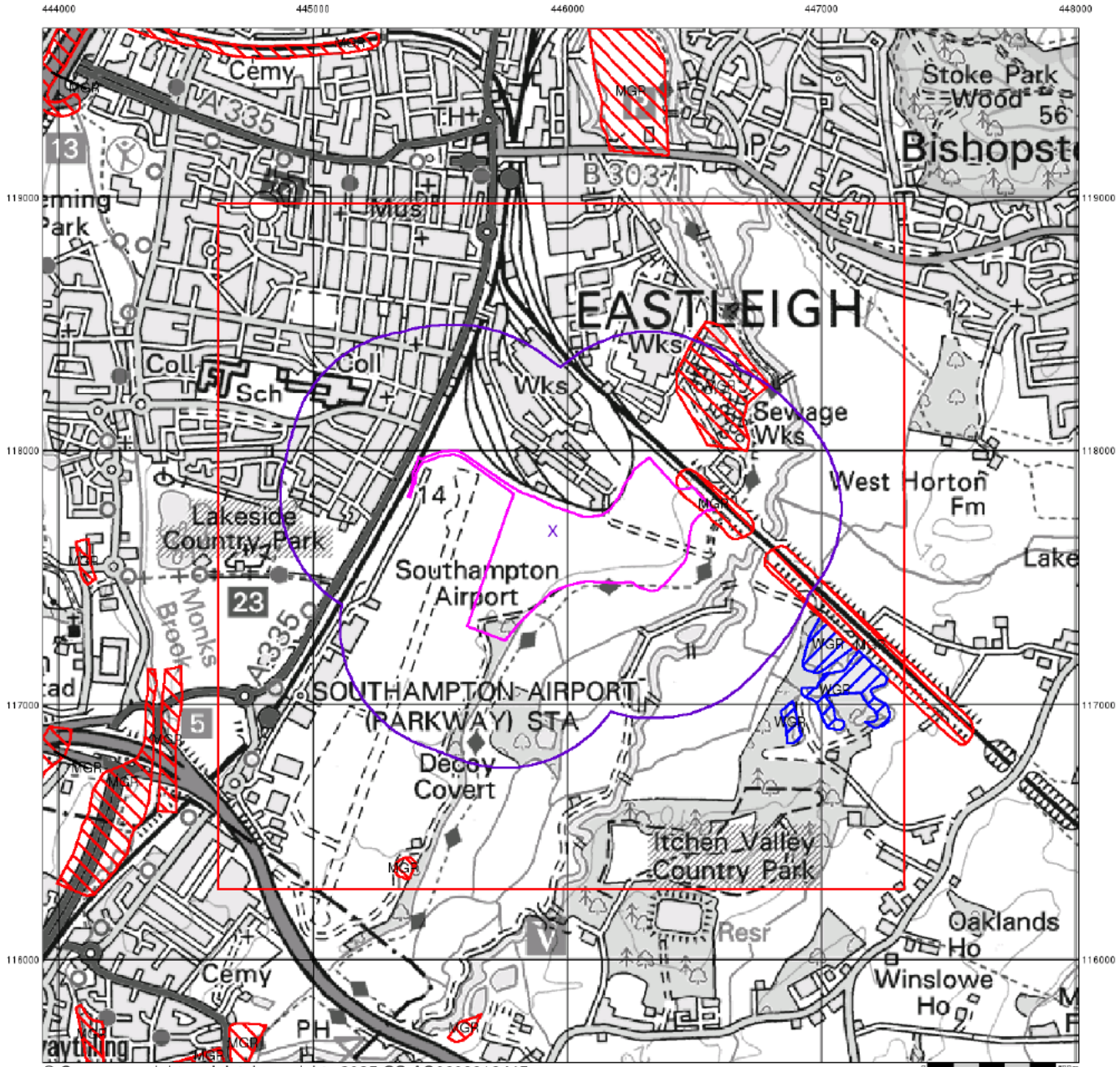


Order Details:

Order Number:	366723883_1_1
Customer Reference:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

Site Details:

Mitchell Way, Southampton, SO50 5QJ



Artificial Ground and Landslip

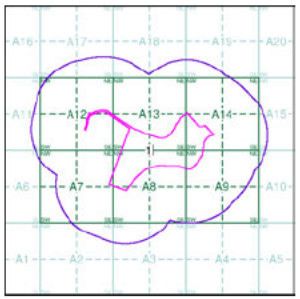
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



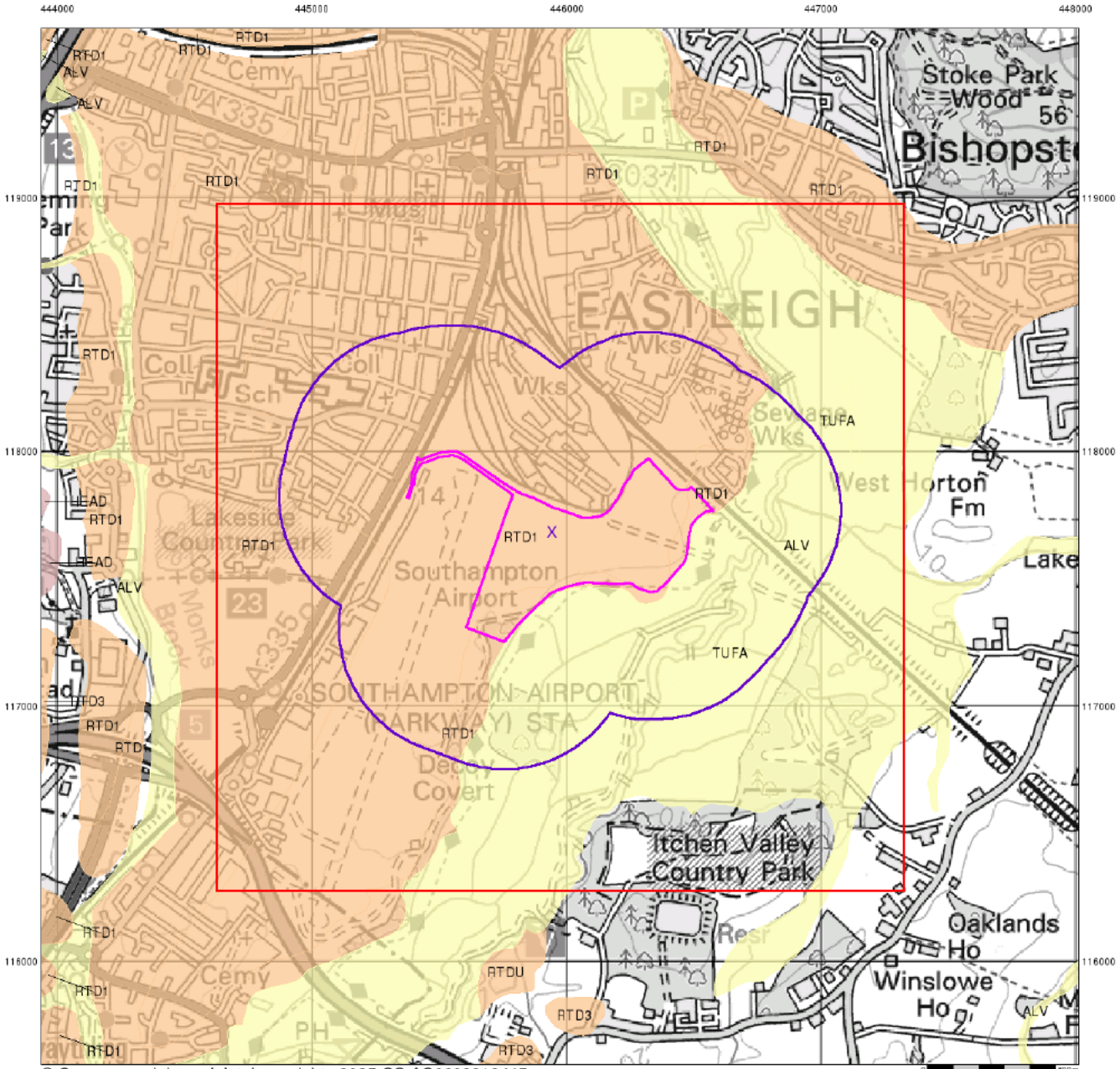
Order Details:

Order Number:	366723883_1_1
Customer Reference:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

Site Details:

Mitchell Way, Southampton, SO50 5QJ

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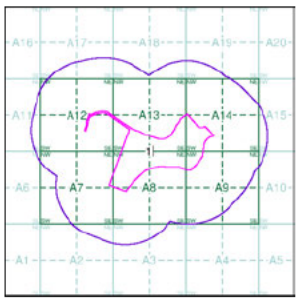
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



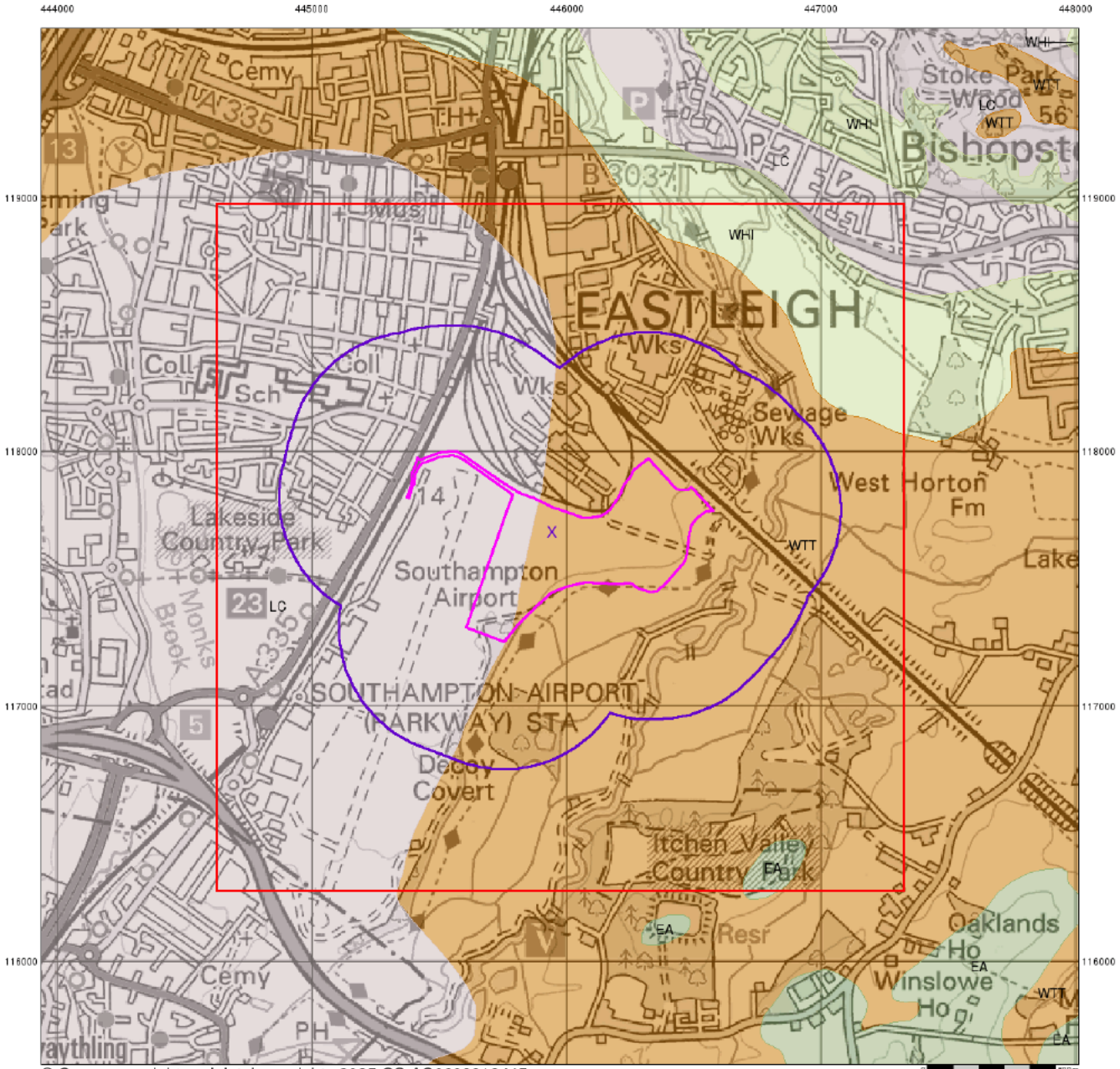
Order Details:

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Bedrock and Faults

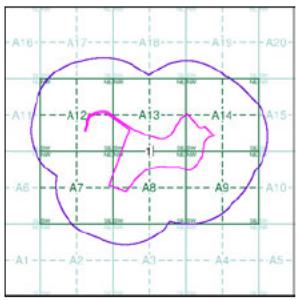
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



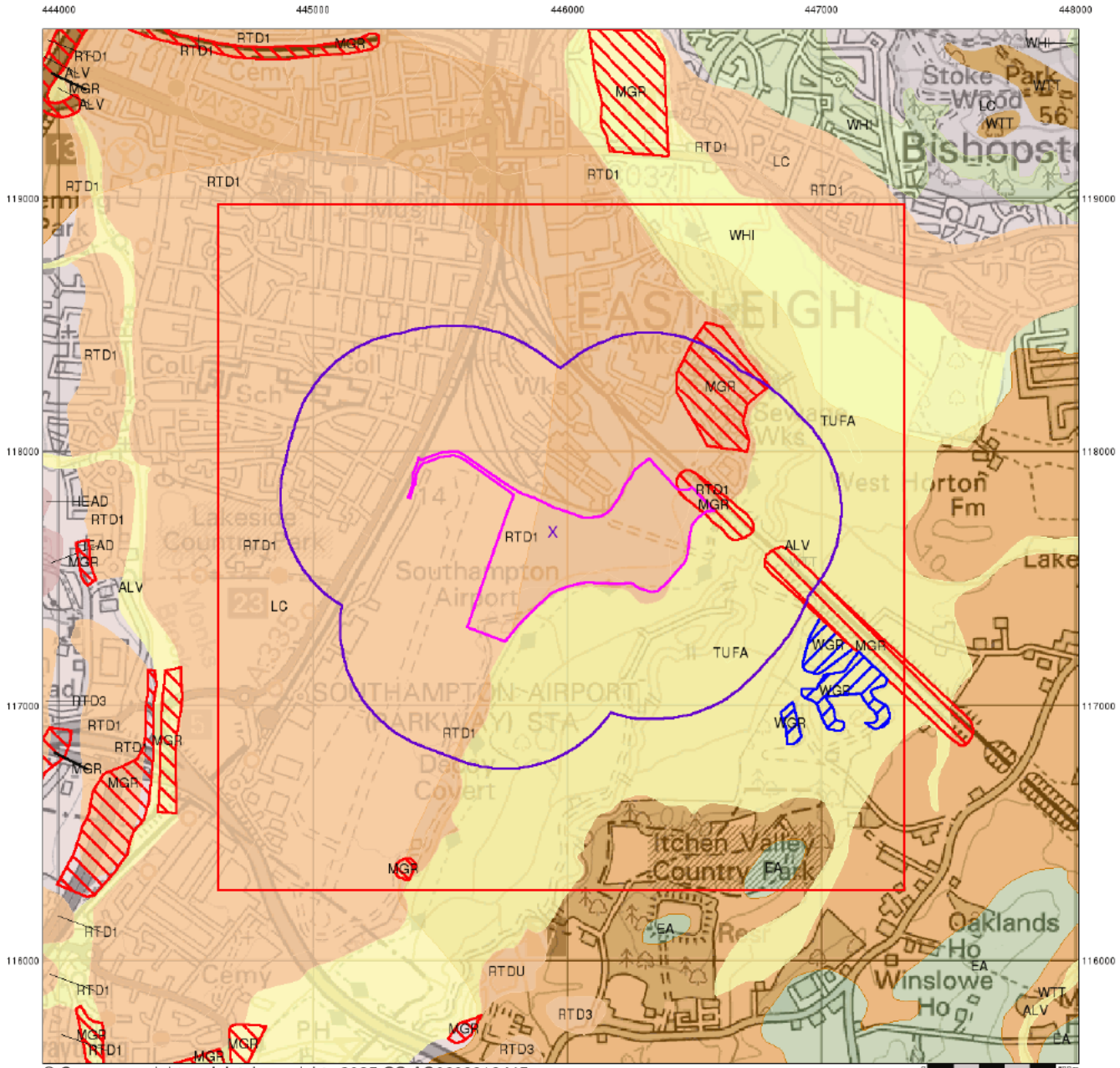
Order Details:

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National Grid Reference:	445940, 117680
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Site Area (Ha):	32.62
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Combined Surface Geology

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

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

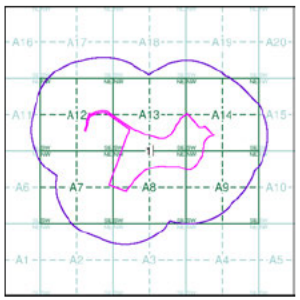
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number:	366723883_1_1
Customer Reference:	4362
National Grid Reference:	445940, 117680
Slice:	A
Site Area (Ha):	32.62
Search Buffer (m):	500

Site Details:

Mitchell Way, Southampton, SO50 5QJ

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Sloping Masonry
Electricity Transmission Line
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

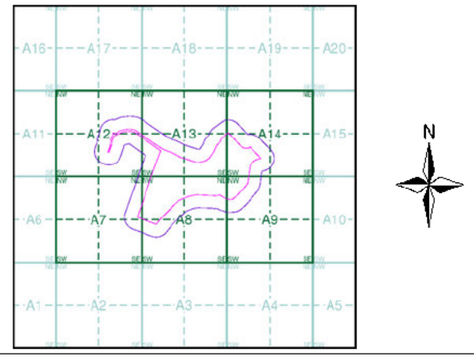
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

Geo2™

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1871 - 1872	3
Hampshire & Isle Of Wight	1:10,560	1897	4
Hampshire & Isle Of Wight	1:10,560	1910 - 1911	5
Hampshire & Isle Of Wight	1:10,560	1931	6
Hampshire & Isle Of Wight	1:10,560	1931	7
Hampshire & Isle Of Wight	1:10,560	1938 - 1939	8
Historical Aerial Photography	1:10,560	1947 - 1949	9
Ordnance Survey Plan	1:10,000	1963	10
Ordnance Survey Plan	1:10,000	1963 - 1968	11
Ordnance Survey Plan	1:10,000	1969	12
Ordnance Survey Plan	1:10,000	1978	13
Ordnance Survey Plan	1:10,000	1983 - 1989	14
Southampton	1:10,000	1986	15
Ordnance Survey Plan	1:10,000	1990	16
10K Raster Mapping	1:10,000	2000	17
10K Raster Mapping	1:10,000	2006	18
VectorMap Local	1:10,000	2024	19

Historical Map - Slice A



Order Details

Order Number: 366723883_1_1
Customer Ref: 4362
National Grid Reference: 445940, 117680
Slice: A
Site Area (Ha): 32.62
Search Buffer (m): 500

Site Details

Mitchell Way, Southampton, SO50 5QJ

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

Russian Military Mapping Legends

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

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Fireproof Building
- Prominent Fireproof Building
- Non-fireproof Building
- Non-fireproof Building (non-dwelling)
- Factory, mill, and flour mill, with chimneys
- Factory, mill, and flour mill, without chimneys
- Power Station, drawn to scale
- Hydroelectric Power Station
- Radio Station, drawn to scale
- Telephone Station, drawn to scale
- Abandoned Open-pit Mine or Quarry
- Open-pit Salt Mine
- Pit
- Oil Deposit or Well
- Oil Seepage
- Tailings Pile
- Fuel Storage Tanks
- Natural Gas Tank
- Bench Mark
- Drill Hole
- Burial Mound
- Triangulation Point on Burial Mound
- Single-track Railroad
- Double-track Railroad and Station Building
- Coniferous Forest
- Deciduous Forest
- Mixed Forest
- Lawns
- Citrus Orchard
- Wet Ground
- Scattered Vegetation

243,8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0,2 Velocity of the current, width of river bed, depth of river

180/12 180/12 Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

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

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

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Partly Demolished Buildings
- Demolished Buildings
- Built-Up Area with Fireproof Buildings Predominant
- Built-Up Area with Non-Fireproof Buildings Predominant
- Individual Fireproof Building
- Prominent Industrial Building
- Individual Dwelling, Fireproof
- Ruins of an Individual Dwelling
- Factory or Mill Chimney
- Factory or Mill with Chimney
- Factory or Mill without Chimney
- Mine or Open Pit Mine
- Operating Shaft or Mine
- Non-Operating Shaft or Mine
- Salt Mine
- Tailings Pile
- Pit
- Stone Quarry
- Gas Pump or Service Station
- Fuel Storage or Natural Gas Tank
- Oil or Natural Gas Derrick
- Small Hydroelectric Power Station
- Power Station
- Transformer Station
- Cemetery
- Burial Mound (height in metres)
- Triangulation Point on Burial Mound
- Triangulation Point
- Bench Mark
- Bench Mark (monumented)
- Telegraph Office
- Telephone Station
- Radio Station
- Radio Tower
- Airfield or Seaplane Base
- Landing Strip
- Main Highway
- Highway under Construction
- Improved Dirt Road (former truck road)
- Double-track Railroad with First Class Station
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment
- Direction and velocity of current
- Water Level Mark
- Well
- Water Reservoir or Rain Water Pit
- Spring
- Isobath with value
- Heavy (Index) Contour Line
- Contour Line and Value
- Half Contour Line
- Spot Elevation Value
- Coniferous
- Deciduous
- Mixed
- Scrub

Key to Numbers on Mapping

SU41NE_Southampton

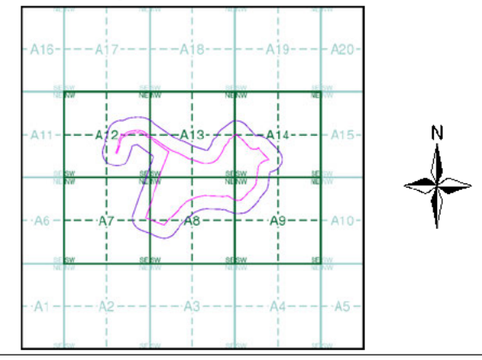
No.	Description
62	Railway Station (Freight And Passenger)

Geo2™

Historical Mapping & Photography included:

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Hampshire & Isle Of Wight	1:10,560	1871 - 1872	3
Hampshire & Isle Of Wight	1:10,560	1897	4
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VectorMap Local	1:10,000	2024	19

Russian Map - Slice A



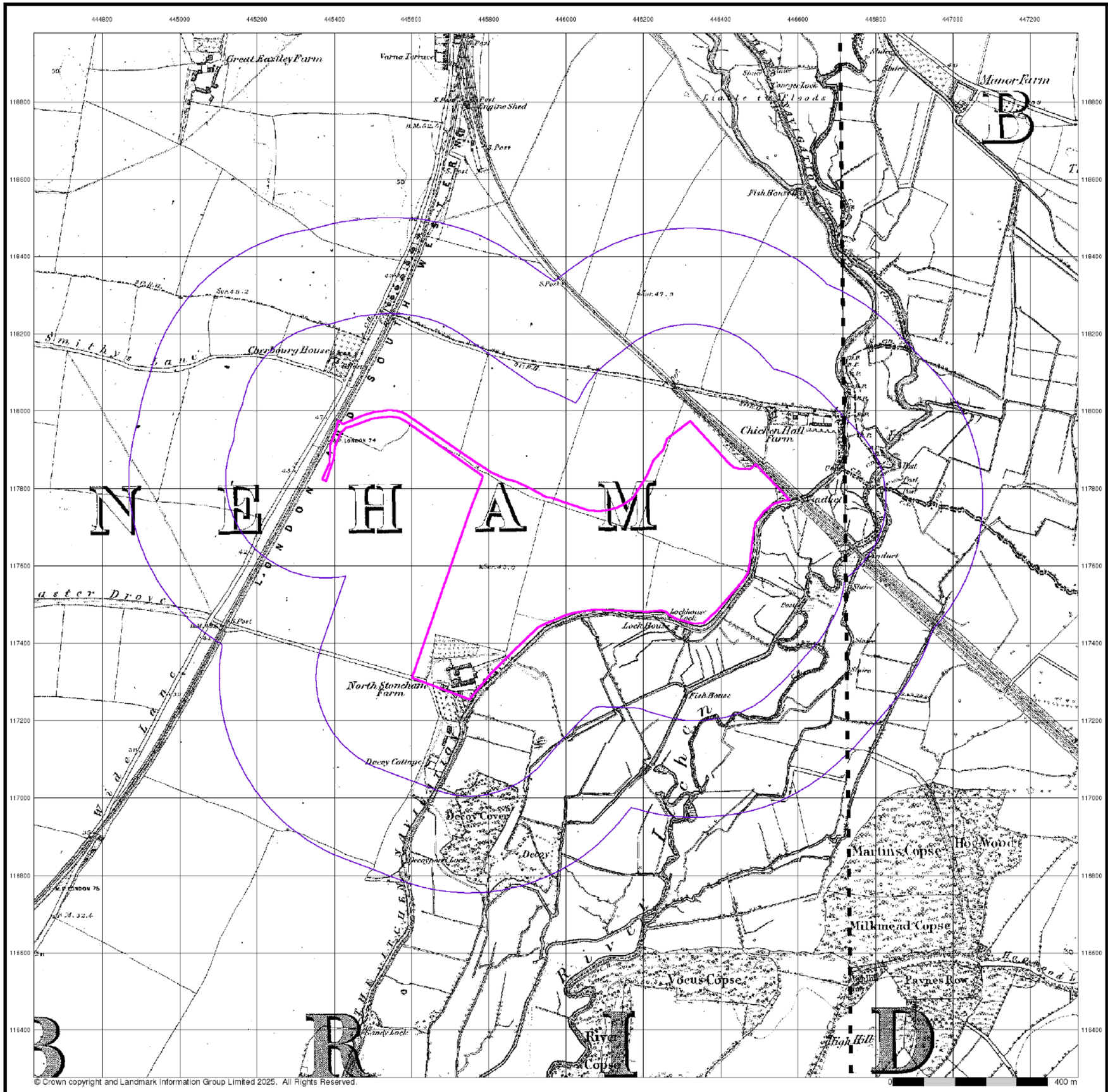
Order Details

Order Number: 366723883_1_1
Customer Ref: 4362
National Grid Reference: 445940, 117680
Slice: A
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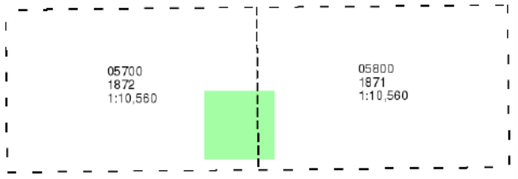
Hampshire & Isle Of Wight

Published 1871 - 1872

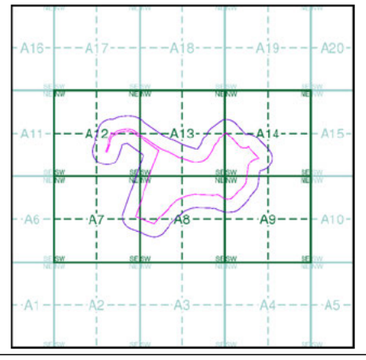
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



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