reside.

The Old Brickworks, Reeds Lane Sayers Common

Phase 1 Desk Study & Site Reconnaissance Report



Phase I Desk Study & Site Reconnaissance Report

at Reeds Lane, Sayers Common, West Sussex BN6 9LS

for Reside Developments Ltd

Report Reference: LP1490

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EXECUTIVE SUMMARY

The site comprises of a disused brickworks, now grass and scrub land, which extends to about to 2.01Ha in an L shape, and is situated just off Reeds Lane, Sayers Common BN6 9LS. It is proposed to redevelop the site into a number of one and two storey buildings with private gardens and public open space. The proposed net developable area for the site is 1.11Ha.

The site has a history of use as a brickworks pre 1950's. The desk study has identified a number of potential sources of contamination associated with the site's former use, and sparing fly tipped waste.

The site is not affected by radon gas.

The site is mapped as being underlain by Weald Clay, with many identified infilled clay pits.

The site is not mapped by the Environment Agency in a flood risk zone.

Groundwater is not anticipated to be to be found on site due to the unproductive strata of the Wealden Beds.

Potential pollutant linkages involving residents and soil contaminants include direct ingestion of soil, ingestion of soil attached to plants as well as via plant uptake, inhalation of indoor and outdoor vapours; ingestion of water carried by plastic water pipes through contaminated ground; and, dermal contact / inhalation of fugitive soil and household dust have been identified. As well as with contaminants that may have migrated into the ponds located across the site that are also linked via ingestion or dermal contact.

The only low to moderate risk found was to residents, construction workers and neighbouring residents was via potential asbestos found in made ground within the site and its release into the environment during and after construction.

Deepened foundations should be a consideration due to shrinkable clay soils, mature trees and made ground across the site. Localised made ground associated with the sites previous use as a brickworks have resulted in infilled pits and raised mounds which will require excavation to natural soil.

There are a number of mature trees scattered along the site boundary and sparingly within that could result in heave.

The soils on site may be associated with pyritic ground conditions, and aggressive ground conditions with respect to concrete should be anticipated on site, particularly at depth.

It is considered that the information gathered in this report is sufficient for an outline planning permission.

Should the site be progressed for redevelopment it is recommended that a Phase II intrusive site investigation should be carried out to ascertain the presence and extent of made ground, the ground profile as well as to conduct in situ and laboratory geotechnical testing for foundation design purposes. Selected samples should also be tested for a range of contaminants, including heavy metals, petroleum hydrocarbons (PHC), polyaromatic hydrocarbons (PAH) and asbestos. Gas monitoring will be required if significant depths of made ground and/or hydrocarbon contamination is encountered.

As with any redevelopment site, there is always the risk of hitherto undetected contamination, and further investigations should be carried out prior to redevelopment.

Signed :	Caldle
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	Sarah Cook MSci CGeol FGS
Date :	27 October 2017
Revision:	Issue I



A INTRODUCTION

I Authority

Leap Environmental Ltd (hereafter referred to as LEAP) has been appointed by Reside Developments to undertake a Phase I Desk Study of a site referred to as Reeds Lane, Sayers Common. The instruction was given in an email dated 26th September 2017 and signed by Andrew Munton of Reside Holdings Ltd.

2 Objective

LEAP understands that the site area is 2.01Ha with a net developable area of 1.11Ha and it is proposed to redevelop the site with approximately 23No residential dwellings of both one and two storeys, as per the attached layout in Figure 1.

The proposed development is currently at a preplanning phase and has been assessed in accordance with BS EN 1997, as being a Geotechnical Category I structure.

The objectives of this report are to:

- Provide information on the geotechnical and environmental quality of the ground present on the site;
- Assess the potential health and other environmental risks posed by the site to the proposed development and to other specifically identified receptors; and
- Assess the potential for offsite contamination to adversely affect the proposed development.

3 Scope of Works

This report describes a two stage process whereby the site is investigated and risks are assessed. The terms geotechnical and geoenvironmental are referred to throughout the report.

Geoenvironmental refers principally to the chemical nature of the ground and the degree of soil, water and/or land gas contamination and the impact that contamination may have on current or future development and also on the wider environment.

Geotechnical refers to all other aspects of the ground conditions and the impact they may have on the physical construction of existing or future development, principally foundations, slope stability, drainage, pavement and road design and groundwater control. The investigation comprises two phases of work.

3.1 Phase I Scope

This report presents the results of a desk study and site reconnaissance. It provides a review of previous site investigation and remediation validation reports, where they have been made available by the Client or where LEAP has been able to locate that information from third party sources. The following sources of information have also been reviewed:

- Envirocheck database report
- Envirocheck Historical map Search
- British Geological Survey (BGS) mapping
- British Geological Survey website (<u>www.bgs.ac.uk</u>) including historic BGS borehole data
- Unexploded WWII aerial delivered bomb (UXB) regional risk maps produced by Zetica
- Mid Sussex District Council Planning and Licensing and West Sussex County Council Planning and Licensing records checked on 13th October 2017 via an internet search

A site reconnaissance was carried out on 9th October 2017.

The desk study and site reconnaissance have been used to develop an initial conceptual site model, which forms the basis for the site investigation strategy. The initial site conceptual model is used to identify geotechnical and geoenvironmental hazards and the qualitative degree of risk associated with them. In terms of the geoenvironmental assessment the conceptual site model is used to identify potential sources of contamination, potential receptors and pathways by which the two may be connected. These are known as possible pollutant linkages and it is these pollutant linkages that are key to contaminated land risk assessment.

The Phase I investigation is also referred to as a Preliminary Investigation¹.

4 Limitations

¹ BS 10175:2011 Investigation of Potentially Contaminated Sites – Code of Practice.

This report has been prepared by Leap Environmental Ltd on the basis of information received from a variety of sources which Leap Environmental Ltd believes to be accurate. Nevertheless, Leap Environmental Ltd cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

Leap Environmental Ltd has used all reasonable skill, care and diligence in the design and execution of this report, taking into account the manpower and resources devoted to it in agreement with the Client. Although every reasonable effort has been made to obtain all relevant information, all potential contamination, environmental constraints or liabilities associated with the site may not necessarily have been revealed.

The conclusions reached in this report are necessarily restricted to those which can be determined from the information consulted and may be subject to amendment in the light of additional information becoming available. These conclusions may not be appropriate for alternative schemes.

This report is confidential to the Client, and Leap Environmental Ltd accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known, unless formally agreed by Leap Environmental Ltd beforehand. Any such party relies upon the report at their own risk.

Full details of the limitations are provided in Appendix A.



B PHASE I – DESK STUDY

5 Environmental Setting

5.1 Site Location and Description

The site is a field and is located to the rear of the Kings Business Centre at Reeds Lane, Sayers Common, West Sussex BN6 9LS.

The approximate National Grid Reference of the site is TQ 263182. The site lies at an estimated elevation of 16.5m Above Ordnance Datum (mAOD) and covers an area of 2.01Ha.

5.1.1 General Description and Boundaries

The current site layout is shown in Figure I, Appendix B. A walkover survey was carried out on 9th October 2017 and photographs are included within Appendix E. The site is L shaped and comprises a disused brick field, with areas of grass and scrub land, and several ponds.

The site is access via a grassed track that runs along the western boundary of the Kings Business Centre, and leads to the roughly square shaped western area of the site. The smaller western area comprises a large field, the southern half of which is grassed, whilst the northern half comprises scrub land, overgrown with weeds and brambles. In general, this area of the site is relatively flat, although there was some evidence to suggest the scrub land may be slightly lower lying, however due to the dense vegetation cover it was not possible to confirm this. There were several small overgrown mounds in this area of the site. The largest was situated in the centre and appeared to comprise logs and vegetation waste. Smaller overgrown mounds were located in the south east corner and included building materials such as slates, bricks and wood. A small metal above ground fuel tank with external metal bund was located in the south west corner of this area, adjacent to the southern boundary with the business centre, and a small electricity sub-station was noted within the business centre adjacent to the boundary. A very shallow dry ditch is located along the southern boundary, and scattered waste including bottles, tyres and pipe were noted in the vicinity. Mature trees including oak and silver birch line the ditch and a derelict caravan, trailer and two vans are located in this area.

The western area is bounded by the Kings Business Centre to the south, open fields to the west and mature woodland to the north.

The larger eastern area of the site is rectangular in shape, extending to the north and south beyond the western area of the site. A shipping container, corrugated metal shed and wooden shed are located adjacent to the north east corner of the business centre. They were in a poor state of repair, and contained office furniture and scrap wood, although it is noted the metal shed was locked. To the south of the sheds along the site boundary were noted further piles of building materials including corrugated sheeting, plastic containers, and the rusted under chassis of a trailer. The southern section of the eastern area comprises grass land and



is bounded by the rear gardens of residential properties fronting onto Reed Lane. This area appears to be in use, possibly by the adjacent residents. A collection of sheds containing tools and gardening equipment are located in the south east corner, along with patio areas with garden furniture, water butts, composters, a greenhouse and planters currently being used to grow vegetables. A small wooden shed is also located along the southern boundary.

To the north of the grassed area the site changes to overgrown scrub land, with a grassed track leading north along the western side of the scrub area. A small corrugated metal shed is located to the west of this track, and rushes and reeds were also noted in this area. Scattered trees are located across the scrub land, and two smaller ponds and a large pond are located along the eastern boundary, surrounded by mature trees. A pile of tyres and a small metal shed was noted in this area, Generally the site is relatively flat here, although ground levels reduce in the vicinity of the ponds and the scrub land again appeared to be slightly lower lying than the grassed land in the south.

To the north of the scrub and ponds the site then becomes grassed with numerous overgrown clusters of trees through the centre of the site and mature trees along the site boundaries. Clusters of reeds and rushes were noted in this area. A dry ditch runs along the western site boundary, adjacent to the woodland off site, and leads to the large pond in the north of the site. A second ditch may run along the eastern boundary, however it was not possible to confirm this as the boundary was heavily overgrown. The central area of the site is generally relatively flat.

At the north end ground levels drop down by about 1.5m to the banks of a large irregular shaped pond, surrounded by mature trees. Mature woodland bounds this area of the site to the north, east and west.

There is evidence of small bonfire areas across the eastern half of the site.

Overhead electricity lines supported by wooden pylons traverse the northern half of the western site area and continue across the centre of the eastern area in an east to west orientation.

Scattered mature trees dominate the north and central part of the eastern site area, including numerous mature oaks, ash and silver birch.

In general, with the exception of the pond areas, the site and the surrounding topography were noted to be relatively flat.

Overall the site is bounded by Furze Field wood to the northwest and open fields to the north and northeast, further tree lined fields lie to the east beyond which are a series of residential houses and roads of Sayers Common. In the south the site is bounded by the Kings Business Centre development, residential properties and Reeds lane beyond. To the west of the site is open grassed field. The Kings Business Centre includes several office and warehouse buildings. Current users were noted to be P@v IT services, North Star (a used car dealership), and ACS Group. Other than the car dealership and the small electricity sub-station, no obvious signs of potential contaminative uses such as tanks, chemical stores etc were noted, however a full walkover survey of the Business Centre was beyond the scope of works.

5.2 Geology

The geology of the site has been ascertained by reference to the 1:50,000 British Geological Survey sheet 318/333, solid and drift edition, the BGS website (www.bgs.ac.uk) and the Envirocheck report. The site is mapped as being underlain by Weald Clay Formation, there are no superficial deposits mapped on the subject area, however the Weald Clay is shown to have some sandstone layers present to the north. There are River Terrace Deposits marked 500m to both the east and west of the site.

5.2.1 Drift

There are no superficial deposits mapped on the site.

5.2.2 Weald Clay

The Weald Clay are Lower Cretaceous deposits. They comprise of mostly shales and mudstones known as the Weald Clay with subordinate beds of siltstones, sandstones, shelly limestones and clay ironstones. When fresh the beds are normally dark grey but weather to yellow and brown. Conspicuous bands of red clay also occur usually in close association with sandstone beds.

5.2.3 BGS Boreholes

The online BGS Geoindex (<u>http://www.bgs.ac.uk/geoindex/</u>) has been reviewed for detailed local geological and hydrogeological information. No Boreholes have been identified within 500m of the site.

5.3 Hydrogeology

Table I – Hidrogeology data

Superficial Deposit	None		
Bedrock	Weald	Clay	Unproductive Strata
Source Protection Zone	N/A		
Licensed Abstractions	None.		



The hydrogeology of the site has been ascertained from the Envirocheck data report. The source of the data is reported to be the Environment Agency groundwater vulnerability mapping.

The underlying Wealden Beds is classed as unproductive strata, however, as shown by the BGS website, there may be some sandstone on site due to the nature of the local geology, which is classed as a Secondary A Aquifer.

The Envirocheck lists no active abstraction licences within 1000m of the subject site.

5.4 Hydrology

There are surface water features within the site and adjoining the site boundary comprising a series of ponds. These ponds are potentially man made due to the previous land use as a brick field.

The closest surface water feature for which the Environment Agency have surface water quality data is Herrings stream, which is located 859m north of the site and has a river quality grade of C (average).

The Envirocheck report indicates that there are two discharge consents within 250m of the site, the nearest is 62m to the south and is for the discharge of final treated effluent into a River Adur tributary from a domestic property. The other consent is located 194m to the southwest, again for discharge of final treated effluent into freshwater rivers from a domestic source.

5.5 Flooding

According to the Environment Agency, the site is not located within a flood zone.

5.6 Designated Environmentally Sensitive Sites

A review of designated environmentally sensitive sites presented within the Envirocheck report has been carried out. The dataset makes reference to a number of sensitive sites including the following:

- Sites of Special Scientific Interest (SSSI);
- Records of National Nature Reserves (NNR);
- Areas of Special Conservation (SAC);
- Records of Special Protection Areas (SPA);
- Records of Ramsar Sites;
- Records of Local Nature Reserves;
- Ancient Woodland Records.



Three have been recorded within 1000m of the site. The nearest site is Sayers Common Wood and is located 265m to the southeast of the site. It is listed as an Ancient of Semi-Natural Woodland, as are the other two that are reported in the Envirocheck; Laundry Wood and Coombe Wood are 333m west and 478m southeast respectively.

5.7 Ground Workings

The Envirocheck report states that there were previously ground workings on the site, Sayers Common Brickworks. This was thought to have ceased production between 1952 and 1956.

5.8 Mining, Extraction and Natural Cavities

The Envirocheck report indicates the site is not situated within an area affected by coal mining.

6 Site Usage

6.1 Current Land Use

The current site layout is shown in Figure I, Appendix B.

The site is currently not in use.

There are no active contemporary trade directory entries on site reported in the Envirocheck database search.

6.2 Evidence of Onsite Contamination

A walkover survey was carried out on 9th October 2017.

The following features were identified as possible sources of contamination:

- Several mounds in the southeast corner, including bricks, slates, wood and vegetation waste,
- Small metal above ground fuel tank in the southwest corner,
- Scattered fly tipped waste in the southern boundary ditch,
- Bonfire locations in the eastern half of the site.

The ponds are most likely some of the disused pits from the old brickworks, that were not infilled with material.

6.2.1 Chemical Storage

There is one above ground fuel storage tank located on site. It has an external metal bund and is located in the southwest corner of the site.

6.3 Neighbouring Land Use

The following features were identified as possible sources of contamination:

- Small electricity substation at the southern boundary adjacent to the Kings Business Centre,
- Shipping container, with furniture and scrap wood, and piles of corrugated sheets, plastic containers and rusted chassis at the northeast corner of the kings Business Centre.

The Envirocheck report details no fuel stations within 250m of the subject site.

6.4 Site History

The contaminative and development history of the site has been ascertained with reference to the Ordnance Survey historical maps

In summary the site was formerly a brick works, but has been derelict open space since 1974.

6.4.1 Historical Map Evidence

The historical Ordnance Survey maps provided spanned the period from 1874 to present day at scales of 1:10,000, 1: 2,500. The maps are included in full in Appendix C.

Table 2: Summary of Historical Map Evidence

Year	On site	Surrounding area
1874-1899	The west of the site is open field	The surrounding areas look to be open
1874-1899 1: 2,500 1: 10,000	The west of the site is open field and looks to be separated from the east of the site. The east is shown as a brick field with two clay pits in its northwest and western areas, a kiln is located in the southeast corner. There are unnamed structures on site. The northern area of the site shows another old clay pit, , that extends along the west perimeter with Furze Field; the rest of the northern area is open field. The majority of the site is lined intermittently with trees.	The surrounding areas look to be open field, with the exception of the northwest area of Furze Field which extends 274m west. 300m east of the subject area lies a road running north-south, along this road the settlement of Sayers Common can be found; Shown with allotment gardens to the east, in the north a school and a smithy in the south are all approximately 300- 350m from the site. Two buildings labelled Kingsland Cottages are directly south of the site; Sayers Common Wood is located 350 southeast, and the village common 200m south. A drinking well is situated 800m southwest.

1910-1912 1: 2,500 1: 10,000	The brick works is now labelled as a Brick and Tile Works and trees are no longer shown to be lining the site.	The village common to the south is no longer shown, the land is now a field with Reeds Lane running through it.
1937-1952 1: 2,500 1: 10,000	Previous clay pits are no longer present and are now mapped as areas of Osier and Reed growth, however a new pit is shown in the previously unused western side of the site.	There has been further expansion of Sayers Common village on road adjacent to the east of the subject area.
1956-1963 1: 2,500 1: 10,000	The brickworks are no longer on site, the former buildings are now found as ruins and the old pit areas are Osiers and Reeds with ponds. There are tracks that cross the site between these ruins. Where the current access track is located on the western boundary is, now has what looks to be a farm building.	Further expansion of village, and the well to the southwest is no longer marked on the map.
1974-1977 1: 2,500 1: 10,000	Ruins of old brickworks have disappeared from maps, and the reed growth areas have retreated to the north of the site. The pond previously mapped on the west of the site is no longer shown suggesting that it may have been backfilled. There is now a track running north south up form Reeds Lane towards the main body of the site, in this area there is now a sizable structure named as a depot.	There has been development mainly in the village to the east of the site, however directly south of the site there are now named buildings. 1200m to the west of the site a lies Valley Farm, a series of 12 structures and 100m to the southwest Whiteoaks Farm with 3 buildings.
1982-1994	No changes noted.	Whiteoaks Farm has expanded to 12 buildings.



I: 2,500		
1: 10,000		
1996-2000	The water bodies on site,	The depot adjacent to the access track is
1: 2,500 1: 10,000	. ,	now the Kings Business Centre, and further development of the village. Whiteoaks Farm structures have expanded.

6.5 Unexploded Ordnance (UXO)

The risks from unexploded ordnance have been assessed in accordance with CIRIA guidance². A non-UXO specialist preliminary screening assessment has been carried out. The risks have been assessed by considering firstly the likelihood of military activities on, or in the vicinity of the site as determined from the desk study and historical review. Secondly the risk of UXO has been assessed by reference to the unexploded WWII aerial delivered bomb (UXB) regional risk maps produced by Zetica.

The Zetica risk maps indicate a low risk. Hence the overall risk of UXO is rated as low.

6.6 Waste Planning and Landfill Records

6.6.1 Recorded Landfill Sites

The Environment Agency website and Envirocheck contain details on areas of historic and active landfilling in the vicinity of the site.

The site is reported as a Local Authority Recorded Landfill site by West Sussex County Council. It is presumed this is infilling from the old clay pits due to the site's past use as a brick works; although there are no details from the Envirocheck on the type of waste or when this infilling took place. Based on the historic maps described above it is assumed that pits on eth western part of the site were backfilled sometime between 1952 and 1974, pre landfill licensing.

There are no other areas of historic or active landfill listed within 500m of the subject site. According to the Envirocheck report, landfill records have been provided by Mid Sussex District Council and West Sussex County Council.

A search has been made with the local authority. If any further information is supplied the desk study will be updated and re-issued as part of the site investigation works.

² CIRIA C681 2009. Unexploded ordnance (UXO) - A guide for the construction industry



6.7 Radon

According to the Envirocheck database search, the site is not within a radon affected area (less than 1% of homes are above the action level for radon). Therefore, no special protective measures are required in the construction of buildings on this site, in respect of radon gas.



C PRELIMINARY CONCEPTUAL SITE MODEL

7 Environmental Risk Assessment

7.1 Conceptual Site Model (CSM)

A risk based approach is used to assess contaminated or potentially contaminated land within the UK. For a potential risk to exist, there must be a pollutant linkage in place, i.e. there must be a source of contamination, a potential receptor, and a pathway linking the two.

In order to quantify the magnitude of the risk, it is necessary to first calculate the potential exposure of the receptor as a result of all the individual active pollutant linkages affecting that receptor. Secondly it is necessary to ascertain "what is an acceptable exposure level for each of the identified receptors and contaminants?".

The purpose of the Conceptual Site Model, in this instance, is to identify all of the potential pollutant linkages by considering, in turn, the potential sources, receptors and pathways.

7.2 Sources

7.2.1 Onsite Sources

Based on a review of the available site information, the following contaminants of concern are proposed:

Table 3: Onsite sources of contamination

Source	Contaminants of Concern
Historic Brickworks Buildings	Heavy metals, petroleum hydrocarbons (PHC),
Historic Brickworks - backfill	Heavy metals, polycyclic aromatic hydrocarbons (PAH), petroleum hydrocarbons (PHC), ground gases/vapours, leachates, phenols, sulphates, acids and alkalis, (low/high soil pH), SVOC, VOC
Made ground mounds	Heavy metals, polycyclic aromatic hydrocarbons (PAH), petroleum hydrocarbons (PHC), ground gases/vapours, leachates, phenols, sulphates, acids and alkalis, (low/high soil pH), SVOC, VOC
Fuel tank	Heavy metals, polycyclic aromatic hydrocarbons (PAH), petroleum hydrocarbons (PHC),

Vehicle storage	Heavy metals, polycyclic aromatic hydrocarbons (PAH), petroleum hydrocarbons (PHC),			
Bonfire sites	polycyclic aromatic hydrocarbons (PAH), Heavy metals			

The previous use of land was for a brickworks, its associated pits across the site are of primary concern as the infill of these areas is as of yet unknown; interrogation of both the West Sussex County Council and Mid Sussex District Council planning records has not yielded any information on the infill and so the worst possible scenario of contaminants is assumed. Likewise, the made ground mounds are also of unknown material, therefore of unknown contaminants.

The fuel tank located in the southeast corner of the western area appeared to be intact. Given that the underlying geology of Weald Clay is of low permeability, it is likely that any contamination associated with anything other than a major spill would be localised.

Due to the derelict state of the vehicles stored onsite, it is assumed that they may have leaked petroleum hydrocarbons into the ground but again due to the flat nature of the site and the low permeability of the Weald Clay, it is most likely they would be contained to the vehicle setting.

PAH may be present in the bonfire locations on the eastern side of the site but is likely to be limited to the shallow surface layers.

Due to the nature of the clay geology of the site, migration of any contaminants leached into the soils will be limited.

7.2.2 Offsite Sources

The desk study has highlighted the following potential off-site sources of contamination:

Table 4: Offsite sources of contamination	

Source	Distance from Site (m)	Contaminants of Concern			
Electricity Substation	10	Heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCB), Asbestos Containing Materials (ACM)			

Due to the underlying geology of the site it is unlikely that contaminants will have migrated into the site area.

7.3 Receptors

Potential receptors are those which may be impacted by any of the contaminants of concern identified above, and include the following:-

- Future residents
- Construction workers
- Surface Water various ponds across the site
- Material construction of buildings and infrastructure
- Neighbouring properties

7.4 Pathways and Potential Pollutant Linkages

The development will potentially include private gardens and public open space. All potential pollutant linkages involving resident humans and soil contaminants will be active i.e. direct ingestion of soil, ingestion of soil attached to plants as well as via plant uptake, inhalation of indoor and outdoor vapour and of dust tracked back into the house and finally ingestion of water carried by plastic water pipes through contaminated ground.

Construction workers during the development phase are potentially at risk as a result from all of the above pathways identified, except for those involving edible plants, surface water runoff and ingestion of water carried through pipes. However, risks to construction workers are usually readily mitigated by the use of appropriate PPE where anticipated levels of contamination are low.

Future residents can be exposed to all of the above pathways except for surface water runoff of potential contaminants and groundwater ingestion and contact.

There is a potential risk for users of adjacent sites to be impacted by inhalation of ground gases and vapours outdoor and within confined spaces and inhalation of impacted airborne soil particles/dust.

7.5 Qualitative Risk Assessment of Pollutant Linkages

Risk levels within the preliminary CSM are determined on a qualitative basis following review of the available desk-based information. The significance of particular pollutant linkages is dependent both upon the severity and likelihood of the risk.

The potential pollutant linkages are summarised in the table appended in Appendix D and given a qualitative risk classification in accordance with current guidance. The details of the risk assessment methodology are presented in Appendix D.

Inhalation of asbestos fibres from fugitive soil dust was rated as a medium high risk. The likelihood is low but due to the severe consequences which are possible for inhaling a small quantity of asbestos, this is still a moderate risk.

7.6 Conclusions

Potential sources of contamination have been identified including possible made ground materials from backfilled pits on site along with the made ground stockpiles and the tank located on site.

Given the underlying geology the site has been assessed as a low to moderate risk with regards to human health and controlled waters and it is recommended that further intrusive investigation is carried out to assess these risks further should the site be progressed for development.

8 Geotechnical Risk Assessment

8.1 Geotechnical Risk Register

The preliminary geotechnical risk register for the proposed development is summarised in the table in Appendix D. Details of the risk assessment methodology are presented in Appendix D.

8.2 Conclusions

The following geotechnical hazards have been identified as significant risks:

- Significant risks from the potential presence of made ground which might cause unstable excavations and require deepened foundations;
- Significant risk from the potential presence of swelling and shrinkage within clay soils
- Significant risk from sulphate attack on concrete structures

9 Recommendations for Intrusive Ground Investigation

It is considered that the information gathered in this report is sufficient for an outline planning permission.

Should the site be progressed for redevelopment, and based on the findings of the preliminary Conceptual Site Model, an intrusive investigation is recommended to ascertain ground conditions across the site and to assess whether conventional foundations are feasible.

On this basis, windowless sampler boreholes are proposed initially, to provide further information on ground conditions. In addition to this, disturbed sampling is also recommended for geotechnical and geo-environmental purposes.

A series of dynamic cone CBR tests are recommended to provide in situ CBR values for future development plans.

With regard to assessing the potential land contamination risks on-site, the following is also recommended as part of any future ground investigation works:

- Appropriate sampling and contamination testing of soils across the site in order to establish the baseline land quality conditions;
- Appropriate geotechnical testing of samples in order to establish the characteristics of the ground;
- Monitoring of ground gas levels;
- An assessment of the soils to allow classification of their suitability for off-site disposal if required as part of the proposed developments.

Overall, it is considered that risks in respect of land contamination during development phase are 'low to moderate'.



APPENDIX A - LIMITATIONS

Limitations



LIMITATIONS

This report is confidential to the Client, and Leap Environmental Ltd accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known, unless formally agreed by Leap Environmental Ltd beforehand. Any such party relies upon the report at their own risk. Unless explicitly agreed otherwise in writing, this report has been prepared under LEAP's standard terms and conditions, as included in the quotation for this works.

This report has been prepared by Leap Environmental Ltd on the basis of information received from a variety of sources which Leap Environmental Ltd believes to be accurate. Nevertheless, Leap Environmental Ltd cannot and does not guarantee the authenticity or reliability of the information it has obtained from others.

Leap Environmental Ltd has used all reasonable skill, care and diligence in the design and execution of this report, taking into account the manpower and resources devoted to it in agreement with the Client. Although every reasonable effort has been made to obtain all relevant information, all potential contamination, environmental constraints or liabilities associated with the site may not necessarily have been revealed. LEAP cannot be held responsible for any disclosures or changes in regulation that are provided post production of this report, and will not automatically update the report.

The conclusions reached in this report are necessarily restricted to those which can be determined from the information consulted, and may be subject to amendment in the light of additional information becoming available. These conclusions may not be appropriate for alternative schemes.

The extent of the exploratory holes, laboratory testing and monitoring undertaken may have been restricted due to a number of factors including accessibility, the presence of buried or overhead services, current development and site usage, timescales or clients specification. The exploratory holes only assess a small proportion of the site area with respect to the site as a whole, and as such may only provide an overall assessment of ground conditions on site. The presence of hotspots of undisclosed contamination or exceptional and unforeseen ground conditions cannot be discounted.

Eurocode 7 gives guidance on the type of sampling, sample quality, number and spacing of intrusive investigations, and number of laboratory tests required. It is intended that the Geotechnical Information section of this report will fulfil the general requirements of the Ground Investigation Report as set out in section 6 of Eurocode73, although this is subject to the restrictions imposed on the investigation as listed above. For geotechnical design, Eurocode 7 requires the Geotechnical Design Report to address both the geotechnical and

³ BS EN 1997 Eurocode 7- Geotechnical Design - Part 1: General Rules (2004) and Part 2: Ground Investigation and Testing (2007)



structural aspects of the geotechnical design for both the limit and serviceability states. The Geotechnical Appraisal section of this report will not meet the requirements of a Geotechnical Design Report (GDR), and should therefore be used for preliminary guidance only.

The presence of asbestos may be noted during the site walkover survey, intrusive investigations and/or from the results of contamination testing. However, this report does not constitute an asbestos survey. On this basis, the presence of asbestos on site cannot be discounted and a full asbestos survey should be undertaken.



APPENDIX B - FIGURES

Figures





1	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XI XXIXI Xi		XIXXXIXXXXX XXXI XX	
environmental	M MAXAM MAXAMAMAMA M M M M M M M M M M M M M M M M	X XXXXXX X	X XXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXX XXX	

APPENDIX C – HISTORIC MAPS AND ENVIRONMENTAL DATABASE SEARCHES

Historic Maps and Environmental Database Searches





















Envirocheck® Report:

Datasheet

Order Details:

Order Number: 140997472_1_1

Customer Reference: LP1490

National Grid Reference: 526390, 118300

Slice:

Site Area (Ha):

3.26 Search Buffer (m):

1000

Site Details:

Reeds Lane Sayers Common HASSOCKS West Sussex BN6 9LS

Client Details:

Mrs H Smith Leap Environmental Ltd The Atrium Business Centre Curtis Road Dorking Surrey RH4 1XA


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Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	25
Hazardous Substances	-
Geological	27
Industrial Land Use	28
Sensitive Land Use	31
Data Currency	32
Data Suppliers	37
Useful Contacts	38

Introduction

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

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

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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	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	1	4	3	6
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 4				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				(*5)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 6	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 6	7	36	47	75

Summary

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 25				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 25	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 25	1			2
Registered Landfill Sites	pg 26				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 27	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 27	1			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 27	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 27	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 27		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 27	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 28		8	20	2
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 31			4	2
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 31	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	124	1	526600 118296
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	210	1	526100 118150
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (SW)	260	1	526050 118100
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	433	1	526700 118850
	BGS Groundwater I Flooding Type:	Flooding Susceptibility Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	499	1	526650 118950
1	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Tilbury Contracting Group Ltd. Undefined Or Other Reeds Lane, Sayers Common, Hassocks Sussex Environment Agency, Southern Region Not Supplied S02198 1 4th June 1973 4th June 1973 1st July 1991 Discharge Of Other Matter-Surface Water Freshwater Stream/River Freshwater River Pre National Rivers Authority Legislation where issue date < 01/09/1989 Located by supplier to within 10m	A13SE (S)	0	2	526400 118240
2	Discharge Consent: Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	S Meadow View(Sayers Common) Residents Co Ltd DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Meadow View Residential Devpt, Reeds Lane, Sayers Common, Hassocks, Bn6 9jg Environment Agency, Southern Region Adur P12881 1 16th November 2006 16th November 2006 16th November 2006 16th November 2006 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Unnamed Trib Of The R. Adur New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A13SE (S)	62	2	526440 118150
3	Positional Accuracy: Discharge Consent: Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	, ,,,	A13SW (SW)	194	2	526150 117980

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consents	s				
3	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Stonegate Farmers Ltd Undefined Or Other Whiteoaks Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, Bn6 9jq Environment Agency, Southern Region Old-River Adur 60 P04468 1 14th September 1992 14th September 1992 14th September 1992 11th August 2003 Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Freshwater Stream Or River Post National Rivers Authority Legislation where issue date > 31/08/1989 Located by supplier to within 100m	A13SW (SW)	237	2	526100 117980
	Discharge Consents	Ş				
3	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Type: Discharge Type: Discharge Type: Status: Positional Accuracy:	Stonegate Farmers Ltd Undefined Or Other Whiteoaks Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, Bn6 9jq Environment Agency, Southern Region Adur P04468 2 12th August 2003 14th September 1992 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Freshwater Stream Or River Post National Rivers Authority Legislation where issue date > 31/08/1989 Located by supplier to within 10m	A13SW (SW)	237	2	526100 117980
	Discharge Consents				_	
4	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	The Occupier Undefined Or Other Whiteoaks Farm, Bolney West Sussex Environment Agency, Southern Region Not Given S01075 1 23rd January 1964 23rd January 1964 31st March 1997 Discharge Of Other Matter-Surface Water Freshwater Stream/River Freshwater River Lapsed (under Environment Act 1995, Schedule 23) Located by supplier to within 100m	A12SE (W)	336	2	525980 118150
	Discharge Consents	s				
5	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Mandol Ltd DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Unit 8 Valley Farm, Sayers Common Unit 8 Valley Farm, Reeds Lane, Sayers Common, West Sussex, Bn6 9jq Environment Agency, Southern Region Adur P12163 1 16th August 2004 16th August 2004 16th August 2004 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Unnamed Trib. River Adur New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A12NE (W)	347	2	525960 118310

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consents	5				7
6	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Avtrade Leasing Limited MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS White Oaks Farm Reeds Lane, Sayers Common, ., West Sussex, Bn6 9jq Environment Agency, Southern Region Adur Eprxb3699nm 1 4th October 2013 4th October 2013 Ath October 2013 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Pond To Trib Of River Adur New issued under EPR 2010 Located by supplier to within 10m	A7NE (SW)	360	2	525996 117913
	Discharge Consents	5				
7	-	The Director (Transport) Undefined Or Other A23 Trunk Road Improvements, Hickstead, Sayers Common,, Hurstpierpoint & Newtimer Environment Agency, Southern Region Not Given PO2201 1 26th October 1992 26th October 1992 26th October 1992 26th October 1997 Discharge Of Other Matter-Surface Water Freshwater Stream/River Freshwater River Lapsed (under Environment Act 1995, Schedule 23) Located by supplier to within 100m	A14NW (E)	513	2	526990 118330
_	Discharge Consents				_	
7	-	The Director (Transport) Not Given Hurstpierpoint & Newtimber, A23 Trunk Road Improvements, Sayers Common, HICKSTEAD, Environment Agency, Southern Region Not Given P.2201/S/89 Not Supplied Not Supplied 26th October 1992 Not Supplied Discharge Of Other Matter-Surface Water Freshwater Stream/River Not Supplied Not Supplied Not Supplied Not Supplied Located by supplier to within 100m	A14NW (E)	513	2	526990 118325
8	Discharge Consents Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s V.M.Blake Undefined Or Other Coombe Farm, London Road, Sayers Common West Sussex Environment Agency, Southern Region Not Given P02668 1 5th December 1989 Sth December 1989 Not Supplied Non Water Company (Private) Sewage Freshwater Stream/River Freshwater River Post National Rivers Authority Legislation where issue date > 31/08/1989 Located by supplier to within 100m	A9NW (SE)	657	2	526930 117750

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Mr R.Davies Undefined Or Other Reeds Farm, Albourne, Hassocks, West Sussex Environment Agency, Southern Region Not Supplied D01416 1 17th February 1963 17th February 1963 10th December 1992 Unknown Freshwater Stream/River Freshwater River Pre National Rivers Authority Legislation where issue date < 01/09/1989 Located by supplier to within 10m	A7NE (SW)	682	2	525730 117730
10	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	s Trudy Williams DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) York Cottage & Coombe Hill Cottage, London Road, Sayers Common, West Sussex, Bn6 9hy Environment Agency, Southern Region Adur Estuary & Freshwater Tributaries Npswqd010795 1 23rd March 2010 23rd March 2010 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Freshwater Stream/River Ditch Trib Of River Adur New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Located by supplier to within 10m	A8SE (S)	733	2	526655 117443
11		Mr & Mrs R.Williamson DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Knowles Tooth Cottage, Langton Lane, Hurstpierpoint West Sussex Environment Agency, Southern Region Not Given P02336 1 16th June 1989 16th June 1989 Not Supplied Sewage Discharges - Final/Treated Effluent - Not Water Company Into Land Into Land Pre National Rivers Authority Legislation where issue date < 01/09/1989 Located by supplier to within 100m	A9NE (E)	981	2	527400 117900
	Nearest Surface Wa River Quality Name: GQA Grade: Reach: Estimated Distance (km): Flow Rate: Flow Type:	Herrings Strm River Quality C Tidal R. Adur Conf - Hurstpierpoint Stw 7.1 Flow less than 0.31 cumecs River 2000	A13NE (NE) A17NE (N)	0 859	2	526480 118379 526041 119277

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date:	Hickstead Limited 10/41/322202 102 Herrings Stream At Hicksted Place Environment Agency, Southern Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Land & Buildings Shown On Map 01 April 30 September 23rd January 2014	A23NE (N)	1236	2	526530 119720
	Permit End Date: Positional Accuracy: Water Abstractions Operator:	Not Supplied Located by supplier to within 10m Mr N Benson	A23NE	1236	2	526530
	Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	10/41/322202 10/41/322202 101 Herrings Stream At Hicksted Place Environment Agency, Southern Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Land & Buildings Shown On Map 01 April 30 September 16th June 2009 Not Supplied Located by supplier to within 10m	(N)	1230	2	526530
	-	Mr D H D Bunn 10/41/322202 100 Herrings Stream At Hicksted Place Environment Agency, Southern Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface 818 51363 Land & Buildings Shown On Map 01 April 30 September 8th June 2009 Not Supplied Located by supplier to within 100m	A23NE (N)	1236	2	526530 119720
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Positional Accuracy:	D H Bunn Esq 32202 Not Supplied All England Show Jumping Course, HICKSTEAD Environment Agency, Southern Region Spray Irrigation Not Supplied Surface 818 51363 Herrings Stream Trib Adur Not Supplied Not Supplied Not Supplied Not Supplied Not Supplied Located by supplier to within 100m	A24NW (N)	1416	2	526910 119830

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr K C Underwood Licence Number: 10/41/322303 Permit Version: 100 Location: Firsland Farm Borehole Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land And Buildings At Firsland Farm, Albourne Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 27th August 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1950	2	524360 118130
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 46 East Sussex Scale: 1:100,000	A13NW (SE)	0	2	526386 118296
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (SE)	0	1	526386 118296
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (N)	0	1	526371 118352
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None Flood Water Storage Areas None				
	Flood Defences None				
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	0	3	526479 118355
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	0	3	526480 118379
14	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 84.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	0	3	526436 118463

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	0	3	526459 118345
16	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A13NE (NE)	0	3	526461 118470
17	OS Water Network Lines Watercourse Form: Lake Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	0	3	526473 118458
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	0	3	526480 118379
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	1	3	526392 118493
20	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 46.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	5	3	526490 118463
21	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	7	3	526459 118493
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 233.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	11	3	526451 118497
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 229.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	45	3	526483 118528

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	56	3	526533 118354
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	61	3	526538 118353
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	82	3	526336 118553
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (N)	86	3	526330 118553
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	103	3	526560 118529
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	105	3	526562 118529
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 164.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	140	3	526173 118138
31	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 15.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	145	3	526171 118143
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	145	3	526196 117995

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	148	3	526193 117997
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	153	3	526239 118496
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	154	3	526238 118499
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 172.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	155	3	526237 118507
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	155	3	526237 118507
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	157	3	526158 118195
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	165	3	526231 118532
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	167	3	526230 118536
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (S)	168	3	526431 117954

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NW (S)	168	3	526368 117932
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (S)	175	3	526438 117971
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (S)	182	3	526434 117955
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	197	3	526654 118546
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	197	3	526654 118546
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (E)	218	3	526694 118291
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 334.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (E)	227	3	526704 118244
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (E)	230	3	526704 118246
50	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	232	3	526689 118550

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	232	3	526689 118550
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (E)	232	3	526707 118256
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	234	3	526072 118334
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (W)	236	3	526070 118337
55	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	263	3	526522 117930
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 274.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	276	3	526595 118730
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	277	3	526071 118485
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	277	3	526071 118485
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 178.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (NE)	279	3	526621 118717

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	284	3	526753 118501
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	285	3	526542 117919
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	289	3	526756 118513
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (NW)	290	3	526050 118475
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 160.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (NW)	296	3	526044 118476
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	302	3	526075 118534
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	304	3	526441 117816
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	306	3	526443 117814
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 289.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NW (NW)	306	3	526076 118541

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	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: Adur and Teville Primacy: 1	A12NE (W)	319	3	525987 118324
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	324	3	525983 118322
71	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	333	3	525974 118320
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	342	3	525965 118315
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 150.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	345	3	526366 118836
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	345	3	526371 118837
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	345	3	526374 118837
76	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 40.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	366	3	526205 118808
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	371	3	526196 118807

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	373	3	526191 118807
79	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: Adur and Teville Primacy: 1	A18SW (N)	376	3	526179 118802
80	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	376	3	526179 118802
81	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (N)	376	3	526184 118806
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	393	3	526630 117856
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	397	3	526496 117739
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	400	3	526497 117737
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	417	3	526766 117924
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	436	3	525898 118493

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	440	3	525893 118490
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	449	3	525856 118346
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	450	3	525857 118354
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	452	3	525854 118351
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	452	3	525854 118325
92	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	454	3	525875 118482
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	455	3	526642 117777
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SW (NW)	458	3	526066 118815
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	477	3	525854 118493

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	481	3	526934 118598
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	483	3	526645 117743
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	486	3	526644 117738
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	487	3	526957 118515
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	490	3	525827 118174
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 263.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	491	3	525826 118168
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	507	3	525799 118332
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: 80.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	511	3	525795 118330
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 382.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	518	3	527004 118321

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	519	3	526987 118526
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	519	3	526987 118526
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (NE)	530	3	526986 118589
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 324.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	534	3	527001 118139
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	541	3	526530 117596
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	546	3	526532 117591
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	546	3	526921 118789
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 466.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (W)	557	3	525750 118368
113	OS Water Network Lines Watercourse Form: Lake Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	565	3	525937 118827

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	569	3	526661 117642
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	579	3	527048 118526
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 458.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	582	3	527060 118290
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	587	3	527055 118526
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NW (E)	587	3	527055 118526
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	590	3	527057 118134
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	590	3	527058 118141
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 311.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SW (E)	593	3	527053 118097
122	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: Adur and Teville Primacy: 1	A14SW (E)	593	3	527053 118097

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 309.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14SE (E)	610	3	527078 118147
124	OS Water Network Lines Watercourse Form: Lake Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	614	3	526798 119003
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	618	3	526947 118874
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	653	3	525686 117896
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	660	3	525757 117729
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	665	3	525682 117871
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	680	3	526968 117755
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	682	3	526967 117752
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	682	3	526967 117752

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	694	3	525734 117702
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 113.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	696	3	525641 117898
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	710	3	527008 117754
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 409.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	722	3	526937 117669
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	724	3	526209 117373
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	734	3	526086 117391
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	735	3	526083 117390
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	738	3	526079 117389
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	744	3	526090 117379

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	747	3	526090 117375
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	752	3	525623 117783
143	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: Adur and Teville Primacy: 1	A8SW (S)	757	3	526099 117363
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 129.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	759	3	526092 117363
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NE (SE)	762	3	527077 117758
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	763	3	525621 117761
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	765	3	526650 119229
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	767	3	526648 119231
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	781	3	526631 119249

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	784	3	526728 119225
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 407.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	795	3	525745 117531
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	798	3	526781 119219
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	819	3	525949 117355
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 261.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	820	3	525947 117355
155	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	822	3	525617 117646
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	824	3	526320 119313
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	825	3	526289 119311
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	825	3	526292 119312

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SE (N)	835	3	526427 119326
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	842	3	526266 119325
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	845	3	526263 119327
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	847	3	525752 117452
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	851	3	525743 117455
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 255.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SE (SW)	852	3	525741 117455
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 587.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herrings Stream Catchment Name: Adur and Teville Primacy: 1	A17NE (N)	864	3	526031 119278
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	867	3	526729 117332
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	878	3	526108 117235

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NW (S)	883	3	526109 117229
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	889	3	526203 119361
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	941	3	525387 118543
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	952	3	525476 117630
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	957	3	525466 117639
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	957	3	525478 117616
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	959	3	525463 117641
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 875.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herrings Stream Catchment Name: Adur and Teville Primacy: 1	A23SW (N)	969	3	526148 119430
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	990	3	525319 118273

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Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	Historical Landfill S Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Lest Incut Date:	Not Supplied Hickstead, Sussex Opposite Hickstead Showground Not Supplied As Supplied EAHLD19923 Not Supplied	A19SW (NE)	704	2	526999 118947
	Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:	Not Supplied Deposited Waste included Unknown Material 0 Not Supplied Not Supplied WD13/173, WD27/317, 27-339, 4/DQ/92				
178	Historical Landfill S Licence Holder: Location: Name: Operator Location: Boundary Accuracy: Provider Reference: First Input Date: Last Input Date: Specified Waste Type: EA Waste Ref: Regis Ref: WRC Ref: BGS Ref: Other Ref:	Excavations Limited Hurstpierpoint, Sussex Tott Farm Not Supplied As Supplied	A8SE (SE)	716	2	526722 117504
	Local Authority Lan Name:	d fill Coverage Mid Sussex District Council - Has supplied landfill data		0	4	526386 118296
	Local Authority Lan Name:	dfill Coverage West Sussex County Council - Has supplied landfill data		0	5	526386 118296
179	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure:	corded Landfill Sites Ex Brickworks, Reeds Lane, Sayers Common Not Supplied West Sussex County Council, Environment & Development Unknown Not Supplied Located by supplier to within 100m Not Applicable	A13NE (E)	0	5	526400 118300
180	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure:	corded Landfill Sites Opposite Hickstead Showground, Hickstead 27/317 Mid Sussex District Council, Environmental Services Section Closed Inert Not Supplied Located by supplier to within 100m Not Applicable	A19NW (NE)	814	4	527000 119101
181	Location: Reference: Authority: Last Reported Status: Types of Waste: Date of Closure:	corded Landfill Sites Commbe Farm Land At, Sayers Common, Hurstpierpoint HP/83/90 West Sussex County Council, Environment & Development Unknown Not Supplied Not Supplied Located by supplier to within 100m Not Applicable	A9SW (SE)	847	5	526800 117400

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Waste

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Landfill	Sites				
182	Licence Holder: Licence Reference: Site Location: Licence Easting: Licence Northing: Operator Location: Authority: Site Category: Max Input Rate: Waste Source Restrictions: Status: Dated: Preceded By Licence: Superseded By Licence: Superseded By Licence: Positional Accuracy: Boundary Accuracy: Authorised Waste Prohibited Waste	Hunter Excavations Ltd 4/CX/90 Tott Farm, Hurstpierpoint, Hassocks, West Sussex 526850 117350 Three Fields, Tunbridge Wells Road, MAYFIELD, East Sussex, TN20 6NU Environment Agency - Southern Region, Sussex Area Landfill Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Some restriction on source of waste Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled 1st August 1990 Not Given Manually positioned to the address or location Not Applicable Max.Waste Permitted By Licence- Total Top & Subsoils From A23 Waste Ex Any Site May Cont. Haz.Mat'L Waste Ex Any Site May Cont. Haz.Mat'L Waste Ex Redev./Excav. Chems.Premises Waste Ex Redev./Excav. Of Gasworks Waste Ex Redev./Excav. Of Ol Tips Waste With Water Poll.PotL > Topsoil	A9SW (SE)	916	2	526850 117350

Geological

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geo Description: Wea	ology alden Group	A13NW (SE)	0	1	526386 118296
183	Location: , Sa Source: Briti Reference: 1944 Type: Ope Status: Cea Operator: Not Operator Location: Not Periodic Type: Cret Geology: Wea Commodity: Com	ers Common Brickworks yers Common, Hassocks, West Sussex ish Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	526420 118325
	Coal Mining Affected Are					
	Source: Briti	hly Unlikely ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
		of Great Britain hly Unlikely ish Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	526371 118352
		of Great Britain hly Unlikely ish Geological Survey, National Geoscience Information Service	A13NW (N)	57	1	526360 118540
	Hazard Potential: Very	e Ground Stability Hazards y Low ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: No I	ble Ground Stability Hazards Hazard ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: No I	ssolution Stability Hazards Hazard ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: Very	Ground Stability Hazards y Low ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: No I	and Ground Stability Hazards Hazard ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: Very	and Ground Stability Hazards y Low ish Geological Survey, National Geoscience Information Service	A13SE (E)	126	1	526603 118251
	Hazard Potential: Very	and Ground Stability Hazards y Low ish Geological Survey, National Geoscience Information Service	A13SW (SW)	189	1	526116 118136
	Hazard Potential: Low	or Swelling Clay Ground Stability Hazards / ish Geological Survey, National Geoscience Information Service	A13NW (SE)	0	1	526386 118296
	Hazard Potential: No I	or Swelling Clay Ground Stability Hazards Hazard ish Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	526371 118352
	Hazard Potential: No I	or Swelling Clay Ground Stability Hazards Hazard ish Geological Survey, National Geoscience Information Service	A13NW (N)	57	1	526360 118540
	Radon Potential - Radon Affected Area: The estir	.	A13NW (SE)	0	1	526386 118296
	Radon Potential - Radon Protection Measure: No r dwe	.	A13NW (SE)	0	1	526386 118296

Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
184	Name: Location: Classification:	North Star Sussex Unit 3, King Business Centre, Reeds Lane, Sayers Common, Hassocks, BN6 9LS Car Dealers - Used	A13SW (S)	10	-	526335 118168
	Status:	Active Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
184	Name: Location: Classification: Status:	World Logistics Uk Ltd King Business Centre, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9LS Freight Forwarders Inactive	A13SW (S)	22	-	526347 118166
	-	Automatically positioned to the address				
184	Contemporary Trad Name: Location: Classification: Status: Positional Accuracy:	e Directory Entries Cargame King Business Centre,Reeds La, Sayers Common, Hassocks, West Sussex, BN6 9LS Car Dealers - Used Inactive Manually positioned within the geographical locality	A13SW (S)	38	-	526364 118154
	Contemporary Trad					
184	Name: Location:	I-Deal Trading King Business Centre, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9LS	A13SW (S)	40	-	526365 118165
	Classification: Status: Positional Accuracy:	Car Dealers - Used Inactive Automatically positioned to the address				
	Contemporary Trad	-				
184	Name: Location: Classification:	Club Cars King Business Centre,Reeds La, Sayers Common, Hassocks, West Sussex, BN6 9LS Car Dealers - Used	A13SW (S)	50	-	526376 118150
	Status:	Inactive Manually positioned within the geographical locality				
	Contemporary Trad	e Directory Entries				
185	Name: Location: Classification: Status: Positional Accuracy:	North Star Sussex Ltd London Road, Sayers Common, Hassocks, West Sussex, BN6 9HZ Car Dealers Inactive Automatically positioned to the address	A13SE (SE)	180	-	526618 118115
	Contemporary Trad	e Directory Entries				
185	Name: Location: Classification: Status:	North Star Sussex London Road, Sayers Common, Hassocks, West Sussex, BN6 9HZ Commercial Vehicle Dealers Inactive Automatically positioned to the address	A13SE (SE)	180	-	526618 118115
	Contemporary Trad	e Directory Entries				
185	Name: Location: Classification: Status:	Old Forge Garage London Road, Sayers Common, Hassocks, West Sussex, BN6 9HZ Mot Testing Centres Active	A13SE (SE)	208	-	526654 118120
		Automatically positioned to the address				
186	Contemporary Trad Name: Location:	The Air Compressor Shop Spindleberries, London Road, Sayers Common, Hassocks, West Sussex,	A14NW (E)	258	-	526734 118321
	Classification: Status: Positional Accuracy:	BN6 9HX Air Compressors Inactive Automatically positioned to the address				
	Contemporary Trad					
186	Name: Location:	R A Palmer Michaelmas, London Road, Sayers Common, Hassocks, West Sussex, BN6 9HX	A14NW (E)	259	-	526735 118312
	Classification: Status: Positional Accuracy:	Lawnmowers & Garden Machinery - Sales & Service Inactive Automatically positioned to the address				

Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
186	Name: Location:	Glaciation Air Conditioning Systems Ltd Downside, London Road, Sayers Common, Hassocks, West Sussex, BN6 9HX	A14NW (E)	263	-	526739 118294
	Classification: Status: Positional Accuracy:	Air Conditioning & Refrigeration Contractors Inactive Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
187	Name: Location: Classification: Status: Positional Accuracy:	Sussex Vehicle Services 17, Furzeland Way, Sayers Common, Hassocks, BN6 9JB Garage Services Active Automatically positioned to the address	A13SE (SE)	260	-	526588 117988
	Contemporary Trad					
188	Name: Location: Classification: Status:	House Proud Finish 12, The Chestnuts, Sayers Common, Hassocks, West Sussex, BN6 9XJ Cleaning Services - Domestic Active Automatically positioned to the address	A14SW (E)	275	-	526740 118157
	,	,,				
189	Contemporary Trad Name: Location: Classification:	Valley Fabrications 4A,Valley Farm,Reeds La, Sayers Common, Hassocks, West Sussex, BN6 9JQ Sheet Metal Work	A12SE (W)	384	-	525928 118238
	Status: Positional Accuracy:	Inactive Manually positioned to the address or location				
	Contemporary Trad	e Directory Entries				
189	Name: Location: Classification: Status: Positional Accuracy:	Manborne Custom Furniture 6-8 Valley Farm, Reeds Lane, Sayers Common, Hassocks, BN6 9JQ Furniture Manufacturers - Home & Office Active Automatically positioned to the address	A12NE (W)	418	-	525890 118298
	Contemporary Trad	e Directory Entries				
189	Name: Location:	Pj'S Powder Coating Ltd Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	423	-	525887 118279
	Classification: Status: Positional Accuracy:	Powder Coatings Active Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
189	Name: Location:	Peticular Pet Supplies Ltd Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	423	-	525887 118279
	Classification: Status: Positional Accuracy:	Pet Foods & Animal Feeds Active Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
189	Name: Location:	Geoff Styring 4d, Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	428	-	525883 118255
	Classification: Status: Positional Accuracy:	Fire Escapes & Evacuation Equipment Inactive Automatically positioned to the address				
	Contemporary Trad	e Directory Entries				
190	Name: Location:	A G Recovery Oaklands, London Road, Sayers Common, Hassocks, West Sussex, BN6 9HY	A14SW (SE)	399	-	526852 118098
	Classification: Status: Positional Accuracy:	Car Breakdown & Recovery Services Inactive Automatically positioned to the address				
	Contemporary Trad					
191	Name: Location: Classification:	Vince Mann Trucking Unit 4c, Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ Road Haulage Services	A12SE (W)	422	-	525895 118172
	Status: Positional Accuracy:	Inactive Automatically positioned in the proximity of the address				

Industrial Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
191	Name: Location: Classification:	Leeny Jones Furniture Ltd Unit 2,Valley Farm Business Park,Reeds La, Sayers Common, Hassocks, West Sussex, BN6 9JQ Furniture - Reproduction	A12SE (W)	437	-	525877 118210
	Status: Positional Accuracy:	Inactive Manually positioned to the address or location				
	Contemporary Trad	le Directory Entries				
191	Name: Location:	Leeny Furniture Ltd 2, Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	437	-	525877 118211
	Classification: Status: Positional Accuracy:	Furniture Manufacturers - Home & Office Inactive Automatically positioned to the address				
	Contemporary Trad	le Directory Entries				
192	Name: Location:	Mid Sussex Minors Laundry Cottage, Twineham Lane, Sayers Common, Hassocks, West Sussex, BN6 9JF	A12NE (NW)	446	-	525919 118561
	Classification: Status: Positional Accuracy:	Classic Car Specialists Inactive Automatically positioned to the address				
	Contemporary Trad	le Directory Entries				
193	Name: Location:	G G Arnold 1, Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (SW)	465	-	525849 118029
	Classification: Status: Positional Accuracy:	Cabinet Makers Inactive Automatically positioned in the proximity of the address				
	Contemporary Trad	le Directory Entries				
194	Name: Location:	Meronrise Ltd Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	471	-	525842 118143
	Classification: Status: Positional Accuracy:	Furniture - Repairing & Restoring Inactive Automatically positioned to the address				
	Contemporary Trad	le Directory Entries				
194	Name: Location:	J C Polishing Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	471	-	525842 118143
	Classification: Status: Positional Accuracy:	Metal Finishing Services Inactive Automatically positioned to the address				
	Contemporary Trad	le Directory Entries				
194	Name: Location:	3d Metal Solutions Valley Farm, Reeds Lane, Sayers Common, Hassocks, West Sussex, BN6 9JQ	A12SE (W)	471	-	525842 118143
	Classification: Status: Positional Accuracy:	Engineers - General Inactive Manually positioned to the address or location				
	Contemporary Trad	-				
195	Name: Location: Classification: Status:	Click Cars London rd, Sayers Common, Hassocks, West Sussex, BN6 9HS Car Dealers - Used Active	A19SW (NE)	480	-	526893 118706
	Positional Accuracy:	Manually positioned to the road within the address or location				
	Contemporary Trad	-				
196	Name: Location: Classification: Status: Positional Accuracy:	Friday Ad Print London Road, Sayers Common, Hassocks, West Sussex, BN6 9HS Printers Inactive Automatically positioned to the address	A19SW (NE)	559	-	526892 118849
196	Contemporary Trad Name: Location: Classification:	le Directory Entries Uck Field Press London Rd, Sayers Common, Hassocks, West Sussex, BN6 9HS Printers Inactive	A19SW (NE)	559	-	526892 118849
	Status: Positional Accuracy:	Manually positioned within the geographical locality				

Sensitive Land Use

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Ancient Woodland					
197	Name: Reference: Area(m ²): Type:	Sayers Common Woodw 1479571 27977.74 Ancient and Semi-Natural Woodland	A13SE (SE)	265	6	526726 118143
	Ancient Woodland					
198	Name: Reference: Area(m²): Type:	Laundry Wood 1479465 5675.22 Ancient and Semi-Natural Woodland	A12NE (W)	333	6	525974 118320
	Ancient Woodland					
199	Name: Reference: Area(m²): Type:	Sayers Common Wood 1479569 7508.22 Ancient and Semi-Natural Woodland	A14SW (E)	405	6	526870 118142
	Ancient Woodland					
200	Name: Reference: Area(m ²): Type:	Coombe Wood 1479354 23704.19 Ancient and Semi-Natural Woodland	A8NE (SE)	478	6	526633 117738
	Ancient Woodland					
201	Name: Reference: Area(m²): Type:	Sayers Common Woode 1479570 14460.13 Ancient and Semi-Natural Woodland	A14SW (E)	593	6	527061 118147
	Ancient Woodland					
202	Name: Reference: Area(m²): Type:	Coombe Farm Shaw 1479351 6659.43 Ancient and Semi-Natural Woodland	A9NW (SE)	695	6	526913 117684
	Nitrate Vulnerable	Zones				
203	Name: Description: Source:	Adur East (Sakeham) Nvz Surface Water Environment Agency, Head Office	A13NW (SE)	0	7	526386 118296

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Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Horsham District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section Lewes District Council - Environmental Health Department	February 2015 November 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Southern Region	July 2017	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	July 2017 July 2017	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Horsham District Council - Environmental Health Department Lewes District Council - Environmental Health Department	June 2015 June 2016	Annual Rolling Update Annual Rolling Update
Mid Sussex District Council - Environmental Services Section	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls Horsham District Council - Environmental Health Department Lewes District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	June 2015 June 2016 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Horsham District Council - Environmental Health Department Lewes District Council - Environmental Health Department Mid Sussex District Council - Environmental Services Section	June 2015 June 2016 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	May 2017	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	As notified
Registered Radioactive Substances Environment Agency - Southern Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	July 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	July 2017	Quarterly
Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2017 July 2017	Quarterly Quarterly
Water Abstractions		
Environment Agency - Southern Region	July 2017	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	July 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
	I	1
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Agency & Hydrological	Version	Update Cycle
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones		
Environment Agency - Head Office	July 2017	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2017	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	August 2017	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	August 2017	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	August 2017	Quarterly
Flood Defences		
Environment Agency - Head Office	August 2017	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2017	6 Weekly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually

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Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2017	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	May 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	May 2017	Quarterly
Environment Agency - Southern Region - Solent and South Downs	May 2017	Quarterly
Environment Agency - Southern Region - Sussex Area	May 2017	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	July 2017	Quarterly
Environment Agency - Southern Region - Kent and East Sussex	July 2017	Quarterly
Environment Agency - Southern Region - Solent and South Downs	July 2017	Quarterly
Environment Agency - Southern Region - Sussex Area	July 2017	Quarterly
Local Authority Landfill Coverage		
East Sussex County Council - Waste Management Group	May 2000	Not Applicable
Horsham District Council - Environmental Health Department	May 2000	Not Applicable
Lewes District Council	May 2000	Not Applicable
Mid Sussex District Council - Environmental Services Section	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
East Sussex County Council - Waste Management Group	May 2000	Not Applicable
Horsham District Council - Environmental Health Department	May 2000	Not Applicable
Lewes District Council	May 2000	Not Applicable
Mid Sussex District Council - Environmental Services Section	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Kent and East Sussex	March 2003	Not Applicable
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Horsham District Council - Planning Department	August 2015	Annual Rolling Update
East Sussex County Council - Development Minerals & Waste	February 2016	Annual Rolling Update
Lewes District Council - Planning Department Mid Sussex District Council	February 2016 January 2016	Annual Rolling Update Annual Rolling Update
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department	August 2015	Annual Rolling Update
East Sussex County Council - Development Minerals & Waste	February 2016	Annual Rolling Update
Lewes District Council - Planning Department	February 2016	Annual Rolling Update
Mid Sussex District Council	January 2016	Annual Rolling Update
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Geological	Version	Update Cycle
PCS 1/625 000 Solid Coology		
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
	Sandary 2003	
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
	April 2017	Di-Annualiy
CBSCB Compensation District	August 2011	Net Applicable
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas	March 2014	
The Coal Authority - Property Searches	March 2014	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
	0010 2010	, and any
Radon Potential - Radon Affected Areas	Luke 2044	A a patified
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

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Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	June 2017	Quarterly
Fuel Station Entries	August 2017	Quartarku
Catalist Ltd - Experian	August 2017	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually
Sensitive Land Use	Version	Update Cycle
Ancient Woodland	May 2017	Bi Appuellu
Natural England	May 2017	Bi-Annually
Areas of Adopted Green Belt Mid Sussex District Council	May 2017	As notified
Areas of Unadopted Green Belt	,	
Mid Sussex District Council	May 2017	As notified
Areas of Outstanding Natural Beauty		
Natural England	August 2017	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	August 2017	Bi-Annually
Marine Nature Reserves	August 0047	
Natural England	August 2017	Bi-Annually
National Nature Reserves Natural England	August 2017	Bi-Annually
National Parks	August 2017	Di-Annually
National Parks Natural England	August 2017	Bi-Annually
Nitrate Vulnerable Zones		
Environment Agency - Head Office	June 2017	Bi-Annually
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites		
Natural England	August 2017	Bi-Annually
Sites of Special Scientific Interest		
Natural England	August 2017	Bi-Annually
Special Areas of Conservation		
Natural England	August 2017	Bi-Annually
Special Protection Areas		
Natural England	August 2017	Bi-Annually



Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	Scottish Environment Protection Agency
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE (관소)(취)
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Peter Brett Associates	peterbrett

LANDMARK INFORMATION GROUP*

Useful Contacts

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
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	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 023 8079 2000 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	Mid Sussex District Council - Environmental Services Section The Oaklands, Oaklands Road, Haywards Heath, West Sussex, RH16 1SS	Telephone: 01444 458166 extn 2288 Fax: 01444 450027 Website: www.midsussex.gov.uk
5	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
6	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

Historical Mapping Legends

Ordnance Survey County Series 1:10,560	Ordnance Survey Plan 1:10,000	1:10,000 Raster Mapping
Gravel Sand Other Pit Pit Pits	رمینیک Chalk Pit, Clay Pit ورونیک Gravel Pit کرین or Quarry	Gravel Pit Gravel Pit or slag heap
Orchard Quarry	Sand Pit	Rock Cock (scattered)
A Reeds Marsh	Refuse or Lake, Loch	ົ້ໍ້ຈັ Boulders ໍ Boulders (scattered)
	Dunes 500 Boulders	Shingle Mud Mud
Mixed Wood Deciduous Brushwood	ネネ Coniferous ふ	Sand Sand Sand Pit
		Slopes Transmith Top of cliff
	ி ் Orchard இந்_ Scrub \Υ்னு Coppice	General detail Underground detail
Fir Furze Rough Pasture	יזר Bracken איזענעי Heath איז	— — — — Overhead detail ++++++++++ Narrow gauge railway
Arrow denotes Arrow denotes Trigonometrical flow of water Station	عنين Marsh ۲۷٬۰٬ Reeds <u>عن</u> Saltings	Multi-track Single track railway railway Civil, parish c
- → Site of Antiquities	Direction of Flow of Water Building	County boundary County, parising (England only) community District, Unitary,
Pump, Guide Post, Well, Spring, Signal Post Boundary Post • 285 Surface Level	Sand Glasshouse	Metropolitan, Constituency London Borough boundary boundary
Sketched Instrumental	Pylon —— □ — — Electricity Transmission Pole Line	Area of wooded ↓ ↑ Area of wooded ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
Main Roads Fenced Minor Roads Fenced	·	
Un-Fenced Un-Fenced	Cutting Embankment Standard Gauge	
Sunken Road Raised Road	Road '''∏''' Road Level Foot Single Track Under Over Crossing Bridge	수 수 Orchard 《 Coppice 수 수
Road over Railway River	Siding, Tramway or Mineral Line Narrow Gauge	்பிட Rough பிட்சு Heath
Railway over Level Crossing	Geographical County	∩Scrub _⊻∠Marsh, Salt _⊻∠Marsh or Ree
Road over River or Canal Stream	— — — — Administrative County, County Borough or County of City Municipal Borough, Urban or Rural District,	Water feature Flow arrows
Road over Stream	Burgh or District Council Borough, Burgh or County Constituency Shown only when not coincident with other boundaries	MHW(S) Mean high water (springs) Mean low water (springs)
————— County Boundary (Geographical)	— — — — Civil Parish Shown alternately when coincidence of boundaries occurs	Telephone line Electricity (where shown) (with poles)
County & Civil Parish Boundary	BP, BS Boundary Post or Stone Pol Sta Police Station	(with poles) ← Bench mark _ Triangulation
+ · + · + · + · + Administrative County & Civil Parish Boundary County Borough Boundary (England)	Ch Church PO Post Office CH Club House PC Public Convenience	Point feature Pylon flare s
	F E Sta Fire Engine Station PH Public House FB Foot Bridge SB Signal Box – – – – –	 (e.g. Guide Post ⊠ or lighting tov or Mile Stone)
Co. Boro. Bdy.		
	Fn Fountain Spr Spring GP Guide Post TCB Telephone Call Box MP Mile Post TCP Telephone Call Post	•‡• Site of (antiquity) Glasshouse

ping

Underground detail Narrow gauge railway Single track railway Civil, parish or community boundary Constituency boundary

Non-coniferous

Marsh, Salt Marsh or Reeds

Mean low water (springs) Electricity transmission line (with poles) Triangulation

Pylon, flare stack

or lighting tower

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:10,560	1879	2
Sussex	1:10,560	1899	3
Sussex	1:10,560	1912	4
Sussex	1:10,560	1951 - 1952	5
Ordnance Survey Plan	1:10,000	1963	6
Ordnance Survey Plan	1:10,000	1976	7
Ordnance Survey Plan	1:10,000	1993	8
10K Raster Mapping	1:10,000	2000	9
Street View	Variable		10

Historical Map - Slice A



Order Details

140997472_1_1
LP1490
526390, 118300
A
3.26
1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS

A Landmark Information Group Service v50.0 28-Sep-2017 Page 1 of 10

Tel: Fax: Web:









Sussex

Published 1912

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.













10k Raster Mapping

Published 2000

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
Search Buffer (m):	1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS







Street View

Published 2017

Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)

Street View Map - Slice A



Order Details

Order Number:	14
Customer Ref:	LF
National Grid Reference:	52
Slice:	А
Site Area (Ha):	3.2
Search Buffer (m):	10

40997472_1_1 P1490 26390, 118300 .26 000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS





Tel: Fax: Web:



General

Specified Site	Specified Buffer(s)	x	Bearing Reference Point	8	Map ID
		^	bearing reference Folia	2	Map ID
Several of Type at	Location				
Agency and	Hydrological	W	aste		
Contaminated Lan (Location)	d Register Entry or Notice	▼	BGS Recorded Landfill Site (Loca	tion)
🚫 Contaminated Lan	d Register Entry or Notice	\square	BGS Recorded Landfill Site		
🔶 Discharge Conser	ıt	\bigcirc	EA Historic Landfill (Buffered I	Point)
A Enforcement or Pr	ohibition Notice		EA Historic Landfill (Polygon)		
A Integrated Pollution	n Control	\land	Integrated Pollution Control R Waste Site	egis	stered
Integrated Pollution	Prevention Control	\otimes	Licensed Waste Managemer (Landfill Boundary)	nt Fa	acility
Local Authority Int and Control	egrated Pollution Prevention	•	Licensed Waste Managemer	nt Fa	cility (Loca
🛕 Local Authority Po	llution Prevention and Control		Local Authority Recorded La	ndfi	II Site (Loc:
Control Enforceme	Ilution Prevention and ent	Ш	Local Authority Recorded La	ndfi	ll Site
O Pollution Incident to	o Controlled Waters	\square	Registered Landfill Site		
Prosecution Relati	ng to Authorised Processes	►	Registered Landfill Site (Loca	tion)	
🔶 Prosecution Relati	ng to Controlled Waters		Registered Landfill Site (Point	Buf	fered to 100
🛕 Registered Radioa	ctive Substance		Registered Landfill Site (Point	Buf	fered to 250
🥆 River Network or \	Vater Feature	٢	Registered Waste Transfer S	Site	(Location)
🕂 River Quality Sam	oling Point		Registered Waste Transfer S	Site	
🔶 Substantiated Poll	tion Incident Register	\bigcirc	, Registered Waste Treatment (Location)	or [Disposal S
🔷 Water Abstraction	1		Registered Waste Treatment	or [Disposal S
🔶 Water Industry Ac	t Referral	Ha	azardous Subst	ar	nces
Geological		×	COMAH Site		
BGS Recorded Mir	neral Site	•	Explosive Site		

Industrial Land Use

- ★ Contemporary Trade Directory Entry
- 📩 Fuel Station Entry
- Site Sensitivity Map Slice A
 - Δ1

Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS

Tel: Fax: Web:



🙀 NIHHS Site

- tered cility ISite Location) nces 🗱 Planning Hazardous Substance Consent
- 🗱 Planning Hazardous Substance Enforcement

- cility (Location)
- I Site (Location)
- ered to 100m)
- ered to 250m)
- isposal Site
- isposal Site

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General

🔼 Specified Site

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

Agency and Hydrological (Flood)

Extreme Flooding from Rivers or Sea without Defences (Zone 2)

Flooding from Rivers or Sea without Defences (Zone 3)

Area Benefiting from Flood Defence



Flood Water Storage Areas

--- Flood Defence

Flood Map - Slice A



Order Details

Order Number: Customer Ref: National Grid Reference: 526390, 118300 Slice: Site Area (Ha): Search Buffer (m):

140997472_1_1 LP1490 А 3.26 1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS





• LANDMARK INFORMATION GROUP*

General

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

Agency and Hydrological (Boreholes)

- 😑 BGS Borehole Depth 0 10m
- 🔵 BGS Borehole Depth 10 30m
- 🔴 BGS Borehole Depth 30m +
- Confidential

⊖ Other

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

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

Borehole Map - Slice A



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
Search Buffer (m):	1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS







Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
Search Buffer (m):	1000



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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Sussex	1:2,500	1874	2
Sussex	1:2,500	1897	3
Sussex	1:2,500	1910	4
Sussex	1:2,500	1937 - 1938	5
Ordnance Survey Plan	1:2,500	1956	6
Ordnance Survey Plan	1:2,500	1974 - 1977	7
Additional SIMs	1:2,500	1982 - 1993	8
Additional SIMs	1:2,500	1993	9
Large-Scale National Grid Data	1:2,500	1994	10
Large-Scale National Grid Data	1:2,500	1996	11
Large-Scale National Grid Data	1:2,500	1996	12

Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS

Tel

Fax: Web

0844 844 9952

0844 844 9951

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Sussex

Published 1874

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: 0 Fax: 0 Web: v



Sussex

Published 1897

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: 0 Fax: 0 Web: v



Sussex

Published 1910

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: 0 Fax: 0 Web: w



Sussex

Published 1937 - 1938

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Customer Ref:	LP1490
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Slice:	A
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Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: 0 Fax: 0 Web: w



Ordnance Survey Plan

Published 1956

Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



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Historical Map - Segment A13



Order Details

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Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: Fax: Web:



Ordnance Survey Plan Published 1974 - 1977 Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



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Historical Map - Segment A13



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Order Number:	140997472_1_1
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Slice:	A
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Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS

Tel: Fax: Web:

0844 844 9952

0844 844 9951 www.envirocheck.co.uk





Additional SIMs

Published 1982 - 1993

Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	Α
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: Fax: Web:



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Additional SIMs

Published 1993

Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: (Fax: (Web:)



Large-Scale National Grid Data Published 1994

Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
Search Buffer (m):	100

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: Fax: Web:



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Source map scale - 1:2,500

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Order Number:	140997472_1_1
Customer Ref:	LP1490
National Grid Reference:	526390, 118300
Slice:	A
Site Area (Ha):	3.26
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Site Details

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Tel: Fax: Web:



Large-Scale National Grid Data Published 1996

Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	140997472_1_1
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Site Area (Ha):	3.26
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Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS



Tel: Fax: Web:



Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:





British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL





Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mrs H Smith, Leap Environmental Ltd, The Atrium Business Centre, Curtis Road, Dorking, Surrey, RH4 1XA

Order Details

 Order Number:
 140997472_1_1

 Customer Ref:
 LP1490

 National Grid Reference:
 526410, 118330

 Site Area (Ha):
 3.26

 Search Buffer (m):
 1000

Site Details

Reeds Lane, Sayers Common, HASSOCKS, West Sussex, BN6 9LS

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



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A Landmark Information Group Service v50.0 28-Sep-2017 Page 1 of 1

APPENDIX D – QUALITATIVE RISK ASSESSMENT MODEL

Qualitative Risk Assessment Model



Qualitative Risk Assessment of Pollutant Linkages

				Likelihood of	Severity of		
Contaminant	Receptor	Route ¹	Pathway ¹	Occurrence ²	Consequence ²	Risk Classification ³	Notes
Polyaromatic Hydrocarbons, Petroleum Hydrocarbons, VOCs and SVOCs	Future Residents	1	Ingestion of soil	Low likelihood	Mild	Low risk	The proposed development includes residential units
		2	Ingestion of household dust	Low likelihood	Mild	Low risk	and gardens.
	IS,	3	Ingestion of contaminated vegetables	Low likelihood	Minor	Very low risk	
			Ingestion of soil attached to vegetables	Low likelihood	Mild	Low risk	
		5	Dermal contact with soil	Likely	Minor	Low risk	
		6	Dermal contact with household dust	Likely	Minor	Low risk	
		7	Inhalation of fugitive soil dust	Likely	Minor	Low risk	
		8	Inhalation of fugitive household dust	Likely	Minor	Low risk	
	9 13 14 10	9	Inhalation of vapours and gasses outside	Low likelihood	Minor	Very low risk	
		13	Ingestion of surface water (ponds on site)	Low likelihood	Mild	Low risk	
		14	Dermal contact with surface water (ponds on site)	Low likelihood	Minor	Very low risk	
		10	Inhalation of vapours inside	Low likelihood	Mild	Low risk	
	Construction workers 1 5 7 10 9	1	Ingestion of soil	Low likelihood	Mild	Low risk	Use of appropriate PPE and good working practices
		5	Dermal contact with soil	Likely	Minor	Low risk	will mitigate the risks to construction workers.
		7	Inhalation of fugitive soil dust	Likely	Minor	Low risk	
		10	Inhalation of vapours and gasses inside	Low likelihood	Mild	Low risk	
		9	Inhalation of vapours and gasses outside	Low likelihood	Minor	Very low risk	
	Neighbouring properties		Inhalation of fugitive soil dust	Low likelihood	Minor	Very low risk	
			Inhalation of vapours and gasses outside	Low likelihood	Minor	Very low risk	
	Surface water, ponds and drains	11	Rainwater infiltration and leaching, intergranular flow via groundwater to controlled waters	Unlikely	Minor	Very low risk	The flat topography of the site and the low leaching potential of the clay soils should restrict the migration of contaminants off site.


Contaminant	Pecontor	Route ¹	Pathway ¹	Likelihood of Occurrence ²	Severity of Consequence ²	Risk Classification ³	Notes
Contaminant	Receptor	12	Surface water run-off	Low likelihood	Mild	Low risk	Notes
	Material construction of buildings and infrastructure	12	Contact of building materials, including water supply pipes with contaminated soils and/or	Likely	Minor	Low risk	
Heavy Metals	Future Residents	1	Ingestion of soil	Low likelihood	Mild	Low risk	The proposed development includes residential un
		2	Ingestion of household dust	Likely	Minor	Low risk	and gardens.
		3	Ingestion of contaminated vegetables	Low likelihood	Mild	Low risk	
		4	Ingestion of soil attached to vegetables	Low likelihood	Mild	Low risk	
		5	Dermal contact with soil	Low likelihood	Minor	Very low risk	
		6	Dermal contact with household dust	Likely	Minor	Low risk	
		7	0	Likely	Minor	Low risk	
		13	Ingestion of surface water (ponds on site)	Low likelihood	Mild	Low risk	
		14	Dermal contact with surface water (ponds on site) Inhalation of fugative	Low likelihood	Minor	Very low risk	
		8	household dust	Likely	Minor	Low risk	
	Construction workers	1	Ingestion of soil	Low likelihood	Mild		Use of appropriate PPE and good working practice will mitigate the risks to construction workers.
		5	Dermal contact with soil	Likely	Minor	Low risk	
		7	Inhalation of fugative soil dust	Likely	Minor	Low risk	
	Neighbouring Properties	7	Inhalation of fugative soil dust	Unlikely	Minor	Very low risk	
	Surface water		Rainwater infiltration and leaching, intergranular flow via groundwater to controlled waters	Unlikely	Mild	Very low risk	The flat topography of the site and the low leachin potential of the soils should restrict the migration contaminants off site.
			Surface water run-off	Low likelihood	Mild	Low risk	
Asbestos	Future Residents	7	Inhalation of fugative soil dust	Low likelihood	Severe	Moderate risk	



				Likelihood of	Severity of		
Contaminant	Receptor	Route ¹	Pathway ¹	Occurrence ²	Consequence ²	Risk Classification ³	Notes
		8	Inhalation of fugative soil dust	Low likelihood	Severe	Moderate risk	
	Neighbouring Properties	7	Inhalation of fugative soil dust	Unlikely	Severe	Moderate/low risk	
		8	Inhalation of fugative soil dust	Unlikely	Severe	Moderate/low risk	
	Construction workers	7	Inhalation of fugative soil dust	Low likelihood	Severe	Moderate risk	

Notes to table:

1. Classification of human exposure pathways (routes) from The CLEA model, Research and Development Publication CLR10.

2. Classification of Probability and Consequence from CIRIA C552 Contaminated land risk assessment, a guide to good practice 2001

3. Risk Classification from DETR Guidelines for Environmental Risk Assessment and Management, 2000



Preliminary Geotechnical Risk Register

Geotechnical risk is the risk to building and construction work created by the site ground conditions. The Preliminary Geotechnical Risk Register has been compiled to provide an assessment of the likely risks that may impact on the proposed development based on the results of the desk study, and should be used to specify the type and extent of the intrusive investigation and testing undertaken, and to identify potential mitigation measures to control the risk to an acceptable level.

The inclusion of a risk in the register does not indicate that the risk is present, rather the likelihood of mitigation measures being required due to that risk, based on the available data. Equally, a risk classified as low indicates that mitigation measures are unlikely to be required for the hazard identified based on the available data.

The risk register should be developed and refined throughout the design process such that it will enable the management of geotechnical risk.

The Geotechnical Risk Register has been developed in accordance with the guidance presented in ICE/DETR Document "Managing Geotechnical Risk" (2002). The degree of risk (R) is determined by assessing the likelihood of a hazard (L) occurring and the effect of the hazard (E) on the project (R=LxE). The effect may be measured in one or more aspect e.g. increased cost, delays in the program, health and safety etc. The scale of the likelihood, effect and risk are determined as follows:-

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Likelihood of Occurrence							
Scale	Likelihood	Chance					
4	Probable	>1 in 2					
3	Likely	1 in 10 to 1 in 2					
2	Unlikely	1 in 100 to 1 in 10					
1	Negligible	<1 in 100					

Effect of Hazard							
Scale	Effect	Increase in cost or time					
4	Very High	>10%					
3	High	4-10%					
2	Low	1-4%					
1	Very Low	<1%					

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	Degree of Risk							
Degree of Risk	Risk Level	Action required						
1-4	Trivial	None						
5-8	Significant	Consider cost effective solutions or improvements at no extra cost						
9-12	Substantial	Work must not start until risk has been reduced. Additional resource required						
13-16	Intolerable	Work must not start until risk has been reduced. If risk can not be reduced, project should not proceed.						



Hazard	Effect	Likelihood of Occurrence	Effect of Hazard	Risk Classification	Notes	
Made Ground	Deepened foundations					
		Likely	Low	Significant	Made ground anticipated in areas previously used as clay	
	Unstable excavations				pits at the former brickworks	
		Unlikely	Low	Trivial		
Compressible Ground	Bearing capacity failure	Negligible	High	Trivial	Strata on-site is not deemed excessively compressible	
	Excessive settlement	Unlikely	Low	Trivial	Strata on-site is not deemed excessively compressible	
High Groundwater Table	Unstable excavations/ running sands	Negligible	High	Trivial		
	Dewatering	Unlikely	Low	Trivial	Groundwater is level is not believed to be high	
	Contamination	Unlikely	Low	Trivial		
Deep Excavations	Deepened foundations	Negligible	High	Trivial	Absence of deep excavations on-site	
Working in highway	Traffic Management	Negligible	Very low	Trivial	N/A	
Shrinkable soils	Deepened foundations					
		Unlikely	High	Significant	Large trees on the perimeter of the site and clusters of	
	Heave				trees in the centre which could result in soil heave.	
		Likely	Low	Significant		
Frost Susceptible soils	Road Design	Unlikely	Low	Trivial	Soils on-site are not deemed frost susceptible.	
Aggressive ground conditions for Concrete	Concrete design	Likely	Low	Significant	Naturally occurring selenite crystals can produce ground that is aggressive to concrete.	
Slope Stability/Retianing Structure	Local stability	Unlikely	Low	Trivial		
	Global stability	Unlikely	Low	Trivial	The level topography of the site makes this improbable.	
Mining	Suitability for development				Excavations on the site due to its previous use as a	
		Unlikely	Low	Trivial	brickworks are expected although these are not anticipated to be deep.	
Ground dissolution/ Natural cavities	Remedial measures	Negligible	High	Trivial	Site is underlain by clays so solution features are not expected in the mapped geology.	
Landfill	Land gas	Unlikely	Low	Trivial	Any gas from the landfill is expected to have discharged over the 50 years from infill.	
Contaminated land	Remedial measures	Unlikely	High	Significant	Given the nature of the proposed development (residential with gardens and public open space), it is believed that any potential contaminant pathways will be restricted during development phase.	



Geotechnical Risk Register

Archaeological remains	Remedial measures	Negligible	High	Trivial	
UXO	UXO supervision				UXO risk has been deemed LOW based on proximity of
		Negligible	Very high	Trivial	previously-found ordnance.



APPENDIX E – SITE PHOTOGRAPHS

Site Photographs





































Report presented by



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