
Phase 1 Desk Study

at
Woodfords,
Shipley Road,
Southwater
RH13 9BQ

for
Reside Developments Ltd

Report Reference: LP2354

Report Date: 20th September 2021

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EXECUTIVE SUMMARY

The site is 3.83ha and comprises a northern and southern field, separated by a central residence with associated horse stable and small swimming pool. The north-west corner is c.50 m AOD and the south-east corner is c.40 m AOD equating to around a 2° slope down towards the south east. The surrounding area is a mixture of rural and residential uses. It is proposed to redevelop the site with 73No. 2-story residential properties, with public open space along the existing central drain. These plans include an attenuation basin in the south-east corner and pumping station centre of eastern boundary.

The site has a history of use as a farm house with associated agricultural land and a small orchard. The desk study has identified a number of potential sources of contamination associated with the site's former use, together with onsite data collected during the walkover. The most significant of which were:

- moderate risk of heavy metals to future users localised to bunds and to surface waters.
- moderate risk of asbestos to future users from existing structures and bunds.

The site is not affected by radon gas.

The site is mapped as being underlain by Weald Clay, c450m to the east a borehole record records groundwater at c6.4m bgl at c.46m AOD. The site is not considered by Envirocheck to be at risk of groundwater flooding and the Environmental Agency maps indicate no risk of surface flooding.

A qualitative geotechnical risk review based on site history and walkover observations concluded the following:

- The Weald Clay is likely to be shrinkable and deepening near trees is likely to be required.
- The Weald Clay is known to contain elevated concentrations of sulphate containing minerals which can cause damage to buried concrete and for which specialist concrete mixes may be necessary.

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Reviewed by:	 Philip Clare BSc CGeol FGS
Countersigned :	 Sarah Cook MSci CGeol FGS
Date :	20 June 2025
Revision:	Issue 4- Proposed layout modified to include attenuation ponds

A INTRODUCTION

1 Authority

Leap Environmental Ltd (hereafter referred to as **LEAP**) has been appointed by Reside Developments Ltd to undertake a Phase I Desk Study of a site referred to as Woodfords. The instruction was given in an email dated 28/9/2020 and signed by Toni Broome of Reside Developments Ltd.

2 Objective

LEAP understands that the site is currently owned by the residents of Woodfords, Mr & Mrs Jones and it is proposed to redevelop the site with 73 No. 2 storey residential dwellings as per the attached layout in Drawing Ref: I02I08-BEL-SL-01.

The proposed development is currently at a submission phase and has been assessed in accordance with BS EN 1997¹, 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 the first of a two stage process whereby the site is investigated and risks are assessed. The terms geotechnical and geoenvironmental are referred to throughout the report.

¹ BS EN 1997-1(2004)+A1:2013 Eurocode 7:Geotechnical Design: General Rules

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 the first phases of work; Desk Study and Site Reconnaissance.

3.1 Phase 1 Scope

The first part of 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 previous reports referred to are detailed above. The following publicly accessible sources of information² have also been reviewed:

- BGS 'Geology of Britain' online viewer accessed on 30th September 2020.
- BGS Borehole log TQ12SE21. located 500m to the South-West of the site boundary.
- Defra 'MAGIC' website accessed on 30th September 2020.
- Groundsure.io website accessed on 30th September 2020.
- Envirocheck report (259838226)
- Unexploded WWII aerial delivered bomb (UXB) regional risk maps produced by Zetica
- Interrogation of the World Wide Web on 30th September 2020 for general information pertaining to the site history
- Interrogation of Horsham District Planning records for the site

A site reconnaissance was carried out on 02nd October 2020.

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

² The report contains British Geological Survey materials ©UKRI 2020 and public sector information licensed under the Open Government Licence v3.0.

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 contaminant linkages and it is these contaminant linkages that are key to contaminated land risk assessment.

The Phase I investigation is also referred to as a Preliminary Investigation³.

4 Limitations

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.

³ BS 10175:2011+A2:2017 Investigation of Potentially Contaminated Sites – Code of Practice.

B PHASE I – DESK STUDY

5 Environmental Setting

5.1 Site Location and Description

The site is located at Woodfords, Shipley Road, Southwater RH13 9BQ as shown in Figure 1. And is centred at the approximate National Grid Reference TQ156250. The site is 3.83Ha and lies at an estimated elevation of 46m Above Ordnance Datum (m AOD). The current site layout is shown in Figure 3, Appendix B and comprises a northern and southern field with a central area of buildings and hardstanding for residential purposes including horse stables. A walkover survey was carried out on 02nd October 2020 and photographs are included within Appendix C.

The site is relatively flat with a gentle slope to the south-east. The north-west corner is c.50 m AOD and the south-east corner is c.40 m AOD equating to around a 2° slope down towards the south east.

The site is located within the Shipley Parish on the suburban perimeter of Southwater, still designated a village in name but more in keeping with the character of a town. The immediate surrounding areas are:

- North- residential
- North-east corner- ancient woodland
- East- agricultural fields and residential properties beyond, boundary between them marked by a small unnamed stream
- South and West- Agricultural fields, woodlands and associated farmhouses.
- Western boundary- Shipley Road

All boundaries are marked by dry drainage ditches, barb wire fences and a mixture of hedgerow and trees, many of which exceed 5m in height: notably Oaks and Conifers. The grass, trees and hedgerows looked healthy and boundaries dotted with ecological boxes.

Envirocheck (Appendix D) lists no contemporary trade directory entries or fuel stations within 250m of the site.

The broader surrounding area south, west and east is rural farmland. The main commercial and light industrial areas of Southwater lie 1 km to the north and Buckbarn services on the A24 lie 2.5km to the South East.

5.1.1 General Description and Boundaries

The site comprises a main residence, gravel drive with grass lawn and paving slab path to a boarded up well. The main residence is 2 storeys and brick built with a slate roof. Given its

age, it is likely to have experienced extensions from the original farmhouse and therefore construction materials will have changed over time. The rear of the main residence adjoins the southern field, where a double skinned bundled 2500litre oil tank was observed but obscured from view by vegetation. A visible diagonal crack was noted on the back wall of the house behind the tank has. Close inspection was not possible due to vegetation.

In the centre of the site there is a stable (corrugated roof) with a storage building and sanded horse training area [manege], surrounded by gravelly [road subbase] hardstanding. There is a drain running through the centre of the site; culvert pipe and drainage ditch sections.

Surrounding the stables are several areas of tool storage and materials consistent with the construction industry and a sign on access gate for 'J Jones Designs and Construction Ltd' was noted. A mini digger and mini dumper were also on site.

Adjacent to the east of the stables, there was a small domestic greenhouse, above ground propane tank (c.750-1500 litres), a single skinned disused oil tank unbundled (c.900 litres) which was laying on its side. Beyond this was a static home [prefabricated] with gravel frontage and brick foundations. Nearby is a swimming pool, surrounded by paving.

Adjoining the east boundary of the manege was a long, flat topped mound with grassed slopes and baren top, considered to be the ground removed during the construction of the manege. The southern end of this, was cut into and piled with general rubbish [paper, wood, plastic] and the scorched flanks of this area suggest its use for burning. This is the assumed source for the small bunds around the trees parallel the central drain towards the eastern boundary.

North of the stables was a grass covered field, with dry drainage ditches along its margins as well as barbwire fences and mixed hedgerows and trees. Running parallel along the western boundary is a large c.2m high and c.50m long bund comprising a mixture of soil, glass wastes, products of burning, concrete, bricks and road subbase gravel.

The southern part of the site is a field, divided by electric fences, and used as paddocks for the horses. Along the eastern boundary of the southern field are overhead power cables.

5.1.2 Bunds

- Running along Northern Field's western boundary, estimated to be 50m long and averaging 2m in height. A small c.2m high pile of stable clearings and a small log pile sit adjacent to this bund, towards the centre of the site.
- Central trees, parallel to drain have small mounds around trunks and in-between trunks c.0.5m in height.
- Eastern boundary of manege runs a flat top mound estimated at 20m length and 2m width.

5.1.3 Drainage

Ditches were noted along all external boundaries of the site and were c.30cm deep, at the time of the site visit these were visibly dry.

The stable is surrounded by a drainage ditch, which had c.10cm of water at the time of the walkover. The weather was drizzly with no significant rainfall preceding the visit, surface water was noted to flow eastwards. The drains around the stables form part of the central drainage system through the site and feed to a culvert pipe (c.15cm in diameter, plastic) to the drainage ditches to the east. These ditches feed into a culvert which crosses the site boundary. This central drain is mapped to flow towards an unnamed tributary to Knepp Mill Stream that feeds into the River Adur to the south and is presented in the Envirocheck as an 'inland river'.

The access point from the road, is underlain by sandbags and a culvert.

5.2 Geology

The geology of the site has been ascertained by reference to the 1:50,000 British Geological Survey sheet 302 'Horsham', solid and drift edition and the BGS website (www.bgs.ac.uk). The site is mapped as being underlain by Weald Clay- Mudstone. A fault is mapped terminating on-site in the southern field, a parallel fault is mapped off the eastern boundary correlating with the unnamed tributary the central drain feeds into approximately 150m east of central site. Significant movement along these faults is considered unlikely, however, they can act as conduits for groundwater.

5.2.1 Weald Clay

The Wealden Beds are Lower Cretaceous deposits. They comprise 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.

5.2.2 BGS Boreholes

The online BGS Geoindex (<http://www.bgs.ac.uk/geoindex/>) has been reviewed for detailed local geological and hydrogeological information. 7No. Boreholes have been identified within 500m of the site. Borehole ref TQ2NE63 is closest at 378m east and records weald clays, which were dry but borehole terminated at 5.2m. Borehole ref TQ12NE65 sits 449m to the east of the site and 46 m AOD, the borehole terminated at c.18m. The site is logged as comprising Weald Clays with the clays containing crystals [no further description] from a depth of 5.0m and shows groundwater was encountered at 6.4m bgl.

5.3 Hydrogeology

Table 1: Hydrogeology

Superficial Deposit	None	
Bedrock	Weald Clay	Unproductive Strata
Source Protection Zone	None	
Licensed Abstractions	None within 1km	

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 site is underlain by unproductive clays and as such, is outside of any source protection zones. The closest abstraction reported by Envirocheck is 1.5km to the North East. It is worth noting, a disused well is located on site.

5.4 Hydrology

The Envirocheck report lists the nearest surface water feature as an inland river, located on site [central drainage ditch and culvert pipe]. The closest surface water feature for which the Environment Agency have surface water quality data is 800m to the east Blakes Gill Tributary. The River Arun lies c.4km to the south and is designated by the Environment Agency to be tidal in this area.

The Envirocheck report indicates that there are three discharge consents within 250m of the site, the nearest is 64m west of the site and is for the discharge of final treated effluent into the ditch to Lackenhurst Gill from a Domestic Property including farmhouse.

5.5 Flooding

According to the Environment Agency, the site is not located within a flood zone, the nearest is flood zone 3, associated with the Knepp Mill Stream, 1km south of the site boundary.

Envirocheck reports that it is unlikely the site is at risk from groundwater flooding, there is a limited potential for groundwater flooding c.445m north of the site, the southern boundary of the Country Park [historic brickwork] and therefore associated with localised ground workings then a broader natural source.

5.6 Designated Environmentally Sensitive Sites

The only designated environmentally sensitive sites presented within the Envirocheck report are ancient woodlands which are recorded across the surrounding area, the closest being Pollards Hill Wood adjoining the north-western corner of the site. The remainder are located within 500m of the north-eastern boundary.

5.7 Ground Workings

No current or historical ground workings are reported by the Envirocheck report within 250m of the site. The Country Park [historic brickyard] lies c500m north and the Downlink [old railway line] c.1km north.

5.8 Mining, Extraction and Natural Cavities

The Envirocheck report indicates the site is not situated within an area affected by coal mining. The historic opencast clay pit for the brickworks is mapped c.500m to the north.

6 Site Usage

6.1 Current Land Use

The current site layout is shown in Figure 3, Appendix B.

The site is currently used as a residential property with 2 above ground oil tanks, swimming pool and stable with associated menage and paddock. Additionally, there is a static home, believed to be used in conjunction to the main residence with an above ground propane tank.

There is 1 active contemporary trade directory entry reported in the Envirocheck report database search within 500m. This relates to a dry cleaners, 445m to the north-east.

6.2 Evidence of Onsite Contamination

A walkover survey was carried out on 2nd October 2020.

The following features were identified as possible sources of contamination:

- Northern Field soil bund: mixture of soils and wastes; glass- reinforced window glass, hexagonal bottle and wine bottles, bricks, concrete, ceramic, plastics, metal can, aerosol can 'mite spray' – insecticide, grey brown soil containing road subbase gravel, orange clay and the remains of burning.
- East side of menage soil bund; evidence of mixed waste burning including plastics. The mound itself, is likely to be built from the soil removed to level and construct the menage.
- Central tree line soil bund;
- Above ground propane tank
- Above ground single skinned unbunded oil tank [near stables]
- Above ground double skinned, banded 2500litre oil tank [rear of main residence]
- Construction materials [around stable area]

There are 3 above ground fuel storage tanks located on site. Site has a swimming pool, so whilst not seen on walkover it is assumed associated chemicals are stored on site.

6.3 Neighbouring Land Use

The site is located in a rural area and no potential off site contaminative land uses were identified within 500m of the site.

6.4 Site History

The contaminative and development history of the site has been ascertained with reference to the Ordnance Survey historical maps, and internet sites relating to the history of Southwater.

In summary the site is mapped as 'The Vagers' in 1875, with buildings in the central part of the site adjoining the main road, with a similar building and field layout as today. The name changed to Woodfords around the turn of the century. For a short time in the 1990's a small unestablished orchard is mapped onsite, east of the main residence.

The site is surrounded by farmland and woodlands, in 1875 the railway line was already in place c.800m to the north-east, with the station and brickfield c.1Km to the north. By 1914 the Brickworks had expanded and relocated south (c.800m north of site), with the associated increase in worker houses. By 1961 the clay pit has extended 500m of site. During the 70s there was very active house building and estates appear c.250m to the north of site. The brick works shut in 1981 and was converted into a country park with lakes in the early 90's. In the early 80's the Southwater-by-pass of the A24 was built c. 800m to the East. The residential expansion spreads to the adjoining northern field in the late 90's with the construction of Rascals Close and this residential expansion continues through to present day.

6.4.1 Historical Map Evidence

The historical Ordnance Survey maps provided spanned the period from 1875 to present day at scales of 1:10,000, 1:2,500 and 1:1,250. The maps are included in full in Appendix D.

Table 2: Summary of Historical Map Evidence

Year	On site	Surrounding area
1875	Site comprises a central area of buildings and a Northern and Southern Field.	Mainly Farmland and Woodlands. 1km north lies Southwater station and brickworks. 550m to the south-east is Brickkiln farm, no associated features mapped.
1912	No changes	Increase in Farmhouses in surrounding area. Southwater Brickworks has relocated south and is now c.800 m to the north.
1962	No changes	The Brickwork clay pit has extended south to 500m north of site.
1982	No changes	Railway mapped as dismantled [later to become part of the Downs Link, Public Footpath]. Brickworks still mapped but ceased trading in 1981. C.1km north-east sewage works is mapped. Pollardshill Woods adjoining the north-eastern corner of site is renamed 'Hogs Wood'
1993	Small orchard mapped on site.	Brickworks now mapped as Southwater Country Park, 1km north of site. The A24 Southwater bypass is now mapped, 800m to the east.
2000	Orchard no longer mapped	Sewage works no longer mapped.
2020	No changes	further urban expansion associated with Southwater to the north

6.5 Unexploded Ordnance (UXO)

The risks from unexploded ordnance have been assessed in accordance with CIRIA guidance⁴. 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.

⁴ CIRIA C681 2009. Unexploded ordnance (UXO) - A guide for the construction industry

6.6 Waste Planning and Landfill Records

6.6.1 Recorded Landfill Sites

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

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

6.6.2 Waste Management Facilities

Envirocheck reports no waste management facilities within 250m

6.6.3 Waste Transfer or Treatment Sites

Envirocheck reports no waste transfer or treatment facilities within 250m

6.7 Other Regulatory Records

No Pollution incidents to controlled waters (major incidents within 250m)

No Pollution prevention and controls (within 250m)

No Registered radioactive substances

No Hazardous Substances

6.8 Radon

According to the Envirocheck report 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 contaminant linkage in place, i.e. there must be a source of contamination, a potential receptor, and a pathway linking the two.

The purpose of the Conceptual Site Model, in this instance, is to identify all of the potential contaminant 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
Farming – historic including Orchard	Pesticides, herbicides, PAH, Heavy Metals
Buildings predating 2000 & construction wastes of unknown origin	Asbestos, Heavy Metals, PAH
Onsite mixed waste burning including plastics	Benzo(a)pyrene (BAP), Polyaromatic hydrocarbons (PAH), volatile organic compounds (VOCs), Heavy metals,
Oil tanks- above ground	Petroleum Hydrocarbons (PHC)
Swimming Pool	Chlorine, bromide, solvents, sulphates
Bunds/ made ground	Asbestos, Heavy metals, PAH

The site and local area has a long history of farming, so the use of historic pesticides and herbicides is very likely especially associated with the areas of orchard.

Many buildings on site pre date 2000 and it is likely asbestos containing materials have been used on site during its history. Large bunds of made ground from unknown sources are on site, and present a potential source of asbestos, heavy metals and PAH.

Evidence of onsite burning of wastes was noted.

Above ground storage tanks:

Oil tank 1 is single skinned, unbunded and lying on its side (localised hydrocarbon leaks considered likely but no evidence seen on walkover). Oil tank 2 is double skinned and banded however localised hydrocarbon from historic tank and/or refill spills is possible.

Swimming pool chemicals are expected to be stored and used on site with potential localise spillages. Given the central location of pool and site drainage regime of surface run off toward the central drain, swimming pool spillage by over fill or when pool is drained is also possible.

7.2.2 Offsite Sources

The desk study has not highlighted any potential contaminative activities within 250m of the site

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 and site users
- Construction workers
- Surface water courses on site which are unnamed tributary of Knepp Mill Stream and River Arun
- Material construction of buildings and infrastructure
- Neighbouring properties

Site is underlain by unproductive strata, Weald Clay and therefore, groundwater is not considered to be a potential receptor.

7.4 Potential Contaminant Linkages

The potential plausible contaminant linkages are summarised in the table appended in Appendix E and given a qualitative risk classification in accordance with the guidance presented in R&D66⁵. The risk levels within the preliminary CSM were determined on a qualitative basis following review of the available desk-based information. The significance of particular contaminant linkages is dependant both upon the severity and likelihood of the risk.

7.4.1 Human Health

⁵ NHBC, Environment Agency & CIEH 'Guidance for the Safe Development of Housing on Land Affected by Contamination' R&D66. 2008.

The proposed development comprises 73 No. 2 story dwellings, associated access roads, public open space, footpath, pumping house and attenuation basin. Therefore, all potential contaminant linkages involving humans and soil contaminants could be plausible i.e. direct ingestion of soil, ingestion of soil attached to plants as well as via plant uptake and inhalation of indoor and outdoor vapour and of dust tracked back into the house. Groundworkers could be potentially exposed to via all these pathways, except for those involving edible plants. However, due to the strong likelihood for high concentrations of contaminants to be present on-site in localised areas, the potential for unacceptable risks to human health via these pathways is considered to be high.

The assessment of future on-site users is considered to be protective of the surrounding off-site residents and off-site commercial workers.

7.4.2 Controlled Waters

The site is underlain by unproductive Weald Clays and as such groundwater is not considered to be at risk from onsite activities/contaminants.

Given the surface water drainage system that feeds to an unnamed tributary of Knepp Mill Stream, itself a tributary of the River Arun, surface waters are vulnerable to onsite activities/contaminants.

7.4.3 Below Ground Infrastructure

There is a potential that the site may be contaminated, especially in localised areas associated with the fuel tanks and bunds. As such it may be necessary to use protective piping for drinking water supplies.

7.5 Contamination Summary

The significant contaminations sources highlighted in the QRA are as follows:

- Moderate risk to future users from heavy metals and asbestos localised to bund areas, around existing structures and under hard standing, not anticipated in areas of open field
- Moderate risk to surface waters from run-off

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 F. Details of the risk assessment methodology are presented in Appendix F.

8.2 Conclusions

The following geotechnical hazards have been identified as substantial to intolerable risks:-

- The Weald Clay is likely to be shrinkable and deepening near trees should be anticipated.
- The Weald Clay is known to contain elevated concentrations of sulphate containing minerals which can cause damage to buried concrete and for which specialist concrete mixes maybe necessary.

On the basis of the initial review and preliminary risk assessment, the site is given a Geotechnical Classification of **Geotechnical Category I** in accordance with EN1997-1 §2.1(14)-(21).

9 Recommendations for Intrusive Ground Investigation

It is recommended that a preliminary intrusive investigation should as a minimum include the following:

- Trial Pitting/windowless sampling;
- Geotechnical classification testing;
- LEAP suite including heavy metals, PAH and asbestos soil screens;
- Pesticide soil screens;
- Bund investigation- including additional LEAP suites and asbestos testing; and
- Investigation into area around oil tanks at rear of property to include PHC testing

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 Eurocode7⁶, 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

⁶ 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 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 Eurocode7⁴⁷, 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

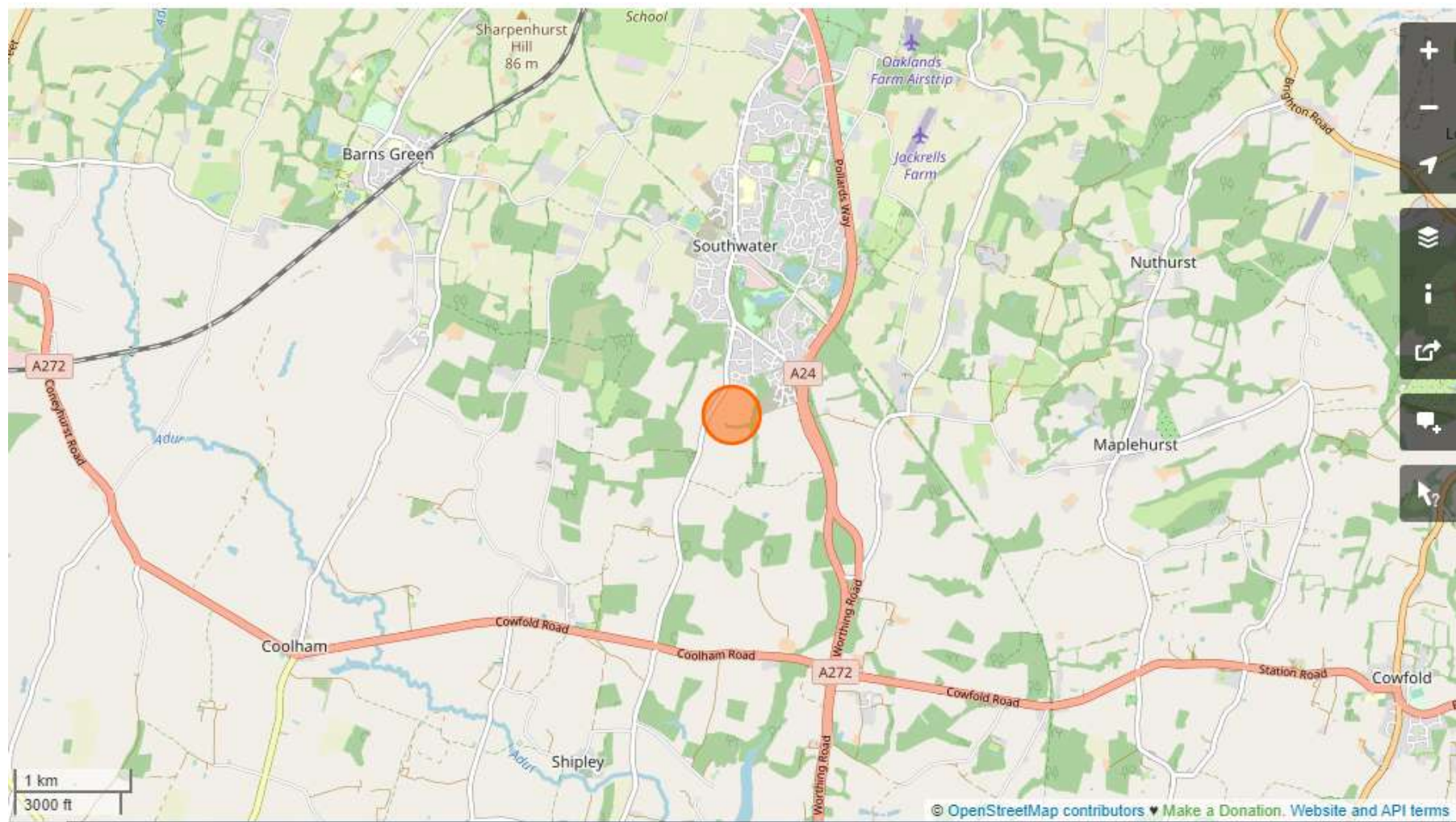
⁴⁷ BS EN 1997 Eurocode 7- Geotechnical Design - Part 1: General Rules (2004) and Part 2: Ground Investigation and Testing (2007)

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

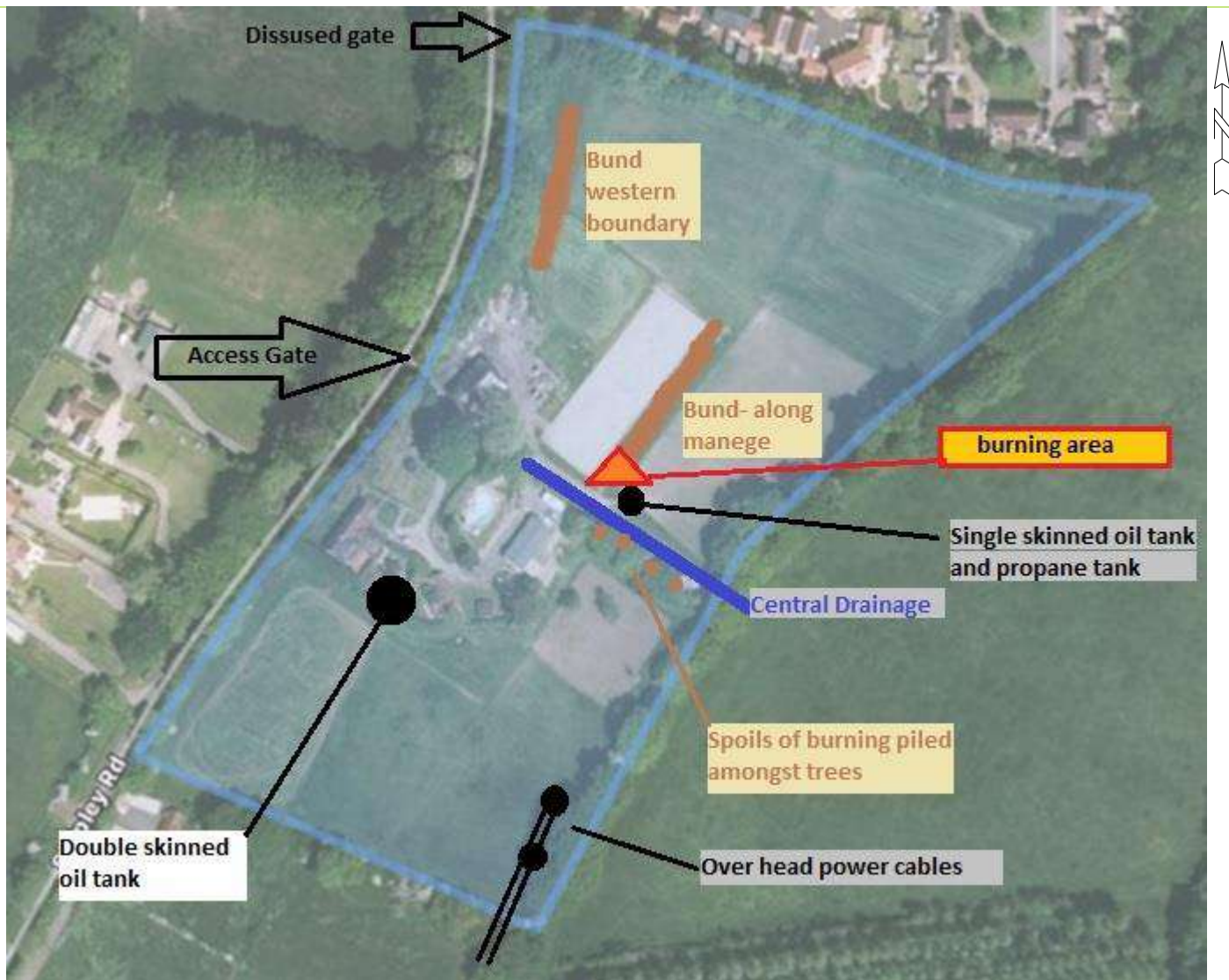
Figures



Basemap: © OpenStreetMap contributors



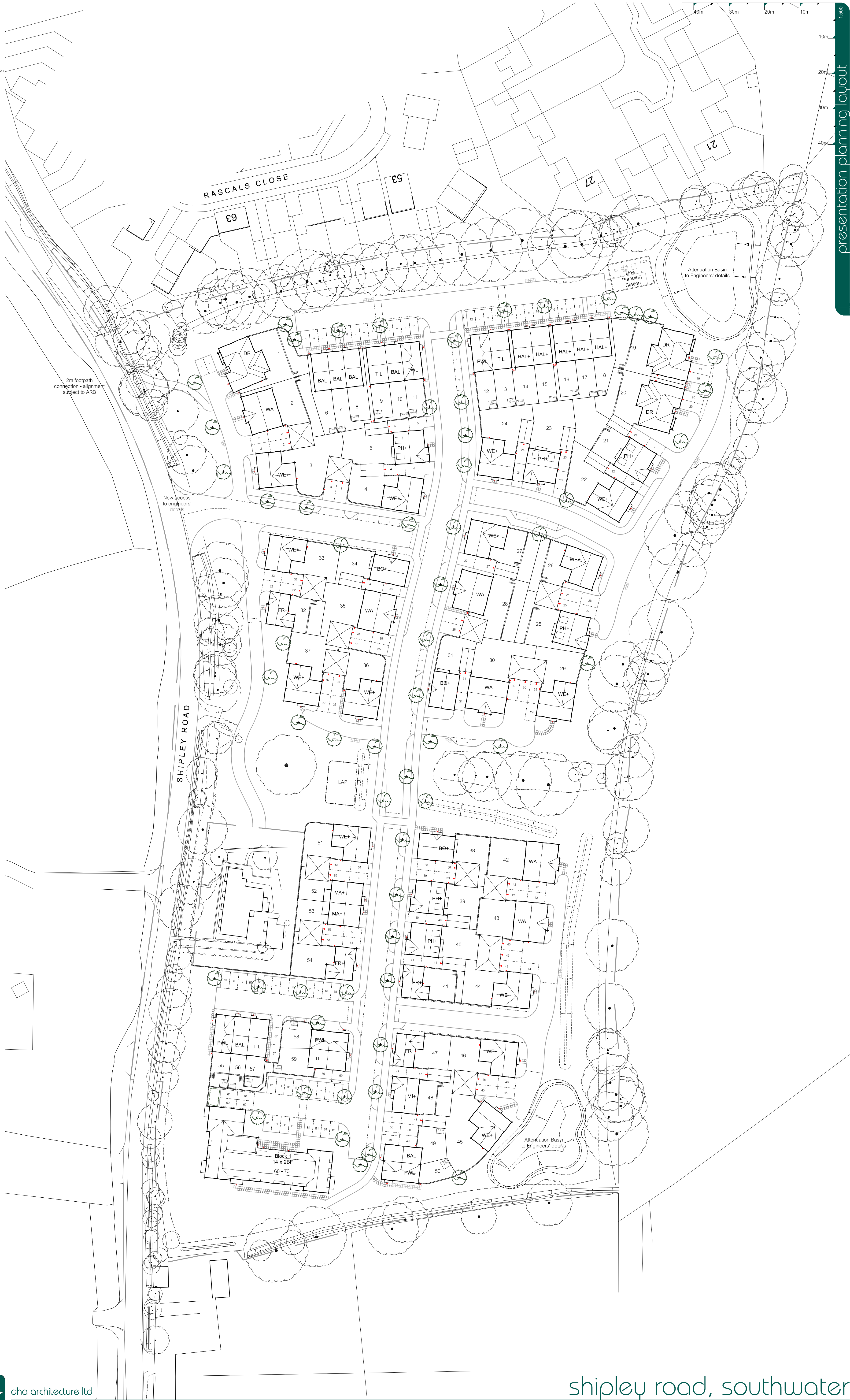
Client:	Reside Developments LTD	Date:	28 th October 2020	Project ID:	LP2354
Project:	Woodfords, Shipley Road, Southwater RH13 9BQ	Title:	Site Location	Fig. No.	1



Basemap: © gridreferencefinder.com



Client:	Reside Develioments	Date:	02 nd October 2020	Project ID:	LP2354
Project:	Woodfords, Shipley Road, Southwater RH13 9BQ	Title:	Site Walkover notes and current site usage	Fig. No.	3



APPENDIX C – Site Photographs

Site Photographs



Photo 1: Access gate



Photo 2: Road subbase hard standing, for drive around to stables. Northern field of site in distance. (stables out of shot to the left)



Photo 3: looking east, stables in view to right, mini digger and static home in distance



Photo 4: Water pooling in drainage ditch around stables



Photo 5: behind stables [wood clad, right], there is storage building [brick and beam].



Photo 6: Looking north-east across the stables sand school



Photo 7: Domestic greenhouse and mini digger in foreground.



Photo 8: Propane tank, static home in background and swimming pool top right.



Photo 9: Single skinned, unbunded and disused oil tank near static home.



Photo 10:

Top left: Area of bund alongside manège used for burning waste

Top right: Close up of general waste

Bottom left: Close up of burning area flanks

Bottom right: Small mounds around trees - southern field in the background



Photo 12: Looking towards north-eastern corner of northern field, note drainage ditch along margin



Photo 13: Looking south-west from north-eastern corner, horse box visible in distance



Photo 14: Disused access gate from Shipley Road, north-western corner of site. Large mound of construction hardcore.



Photo 15: Looking down western boundary of the northern field at the bund. Horse box parked at stables in the distance.



Photo 16: Overhead cables in southern field along eastern boundary



Photo 17: Looking west from mid-way along eastern boundary, central drainage ditch runs just right of the tree line and static home in background.



Photo 18: View of southern field from south-eastern corner.



Photo 19: Surface cracks noted in south-western corner of southern field.



Photo 20: Double-skinned, banded, oil tank behind main residence. Note the diagonal cracks in brick in background.



Photo 21: View north as you come around rear of residence, another storage building on the right and static home in the background.



Photo 22: Looking south towards main residence, well is boarded and padlocked



Photo 23- Storage building attached to stables, note appearance of sunken roof and out of alignment walls.

APPENDIX D – Historic Maps and Environmental Database Searches

Historic Maps and
Environmental
Database Searches

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

259838226_1_1

Customer Reference:

LP2354 Woodford, Shipley Rd RH13 9BQ

National Grid Reference:

515640, 125000

Slice:

A

Site Area (Ha):

3.85

Search Buffer (m):

1000

Site Details:

Woodfords, Shipley Road

Southwater

HORSHAM

RH13 9BQ

Client Details:

Mrs H Smith

Leap Environmental Ltd

The Atrium Business Centre

Curtis Road

Dorking

Surrey

RH4 1XA

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	27
Hazardous Substances	-
Geological	28
Industrial Land Use	30
Sensitive Land Use	33
Data Currency	35
Data Suppliers	39
Useful Contacts	40

Introduction

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

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Radon Potential dataset Copyright Notice

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Natural Resources Wales Copyright Notice

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1			Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		3	1	18
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 6	Yes			
Pollution Incidents to Controlled Waters	pg 6		4		2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7				1
River Quality Biology Sampling Points					
Substantiated Pollution Incident Register					
River Quality Chemistry Sampling Points					
Water Abstractions	pg 7				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	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 8	6	14	19	118

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					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 27	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
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 28	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 28				2
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 28	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 28	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 28	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 29	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

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 30			6	18
Fuel Station Entries					
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland	pg 33	1	1	4	13
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	445	1	515800 125550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	471	1	515700 125600
1	Discharge Consents Operator: Mr Daniel Williams Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Malden Cottage, Shipley Cottage, Southwater, West Sussex, Rh13 9bq Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd009391 Permit Version: 1 Effective Date: 6th October 2009 Issued Date: 6th October 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch To Lackenhurst Gill Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SW (W)	64	2	515455 124958
2	Discharge Consents Operator: Mr And Mrs R Williams Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Paddock View, Shipley Road, Southwater, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P10849 Permit Version: 1 Effective Date: 16th October 2002 Issued Date: 16th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A13SW (W)	148	2	515350 124890
3	Discharge Consents Operator: G Scudder Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Malden Farm, Shipley Farm, Southwater, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P10848 Permit Version: 1 Effective Date: 16th October 2002 Issued Date: 16th October 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	214	2	515290 124850
4	Discharge Consents Operator: Southcross Ltd. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Woodcutters, Shipley Road, Shipley, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05464 Permit Version: 1 Effective Date: 5th August 1994 Issued Date: 5th August 1994 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A12SE (SW)	267	2	515250 124800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Mclean Homes (Southern) Ltd. Property Type: Undefined Or Other Location: Pollardshill Wood, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N02065 Permit Version: 1 Effective Date: 26th April 1976 Issued Date: 26th April 1976 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	571	2	516050 124480
6	Discharge Consents Operator: The Occupier Property Type: Undefined Or Other Location: College Wood Estate, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02085 Permit Version: 1 Effective Date: 1st May 1972 Issued Date: 1st May 1972 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	749	2	515140 125720
7	Discharge Consents Operator: Dragons Green Developments Ltd Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Brown'S Barn, Brick Kiln Farm, Woodgetters, Lane Sothwater, W Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P07148 Permit Version: 1 Effective Date: 27th April 1998 Issued Date: 27th April 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	773	2	516100 124250
8	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Cripplegate Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01044 Permit Version: 1 Effective Date: 2nd September 1964 Issued Date: 2nd September 1964 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	831	2	516210 125810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Discharge Consents Operator: Mr And Mrs E Jegla Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Adj Woodlands House, Southwater New House, Adj Woodlands House, Shaws Lane, Southwater, West Sussex, Rh13 9bx Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: P11167 Permit Version: 1 Effective Date: 25th March 2003 Issued Date: 25th March 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land/Into Watercourse Environment: Receiving Water: Unnamed Trib Of River Adur Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	861	2	514950 125690
10	Discharge Consents Operator: Wilcon Homes Southern Ltd Property Type: Undefined Or Other Location: Stakers Farm, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Old-River Adur 60 Reference: S01828 Permit Version: 1 Effective Date: 7th May 1969 Issued Date: 7th May 1969 Revocation Date: 24th September 2002 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Pondfarm Gill / River Adur Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	913	2	516440 125740
11	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: SOUTHWATER , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: COPA/406 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	923	2	516620 125515
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Undefined Or Other Location: Field No. 847, Reeds Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02067 Permit Version: 1 Effective Date: 16th March 1972 Issued Date: 16th March 1972 Revocation Date: 17th June 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	925	2	516620 125520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: Southwater S T W , SOUTHWATER, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: COPA/406 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	928	2	516620 125525
11	Discharge Consents Operator: Southern Water Services Ltd Property Type: Not Given Location: SOUTHWATER, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: COPA/406 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	929	2	516610 125545
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Southwater Stw Final, Southwater S.T.W., Southwater West Sussex Authority: Environment Agency, Southern Region Catchment Area: Old-River Adur 60 Reference: W00005 Permit Version: 1 Effective Date: 17th June 1985 Issued Date: 17th June 1985 Revocation Date: 24th February 1998 Discharge Type: Sewage Discharges - Unspecified - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater Stream Or River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	930	2	516620 125530
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Undefined Or Other Location: Field No. 847, Reeds Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02067 Permit Version: 1 Effective Date: 16th March 1972 Issued Date: 16th March 1972 Revocation Date: 17th June 1985 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	930	2	516620 125530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Undefined Or Other Location: Field No. 847, Reeds Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02067 Permit Version: 1 Effective Date: 16th March 1972 Issued Date: 16th March 1972 Revocation Date: 17th June 1985 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	931	2	516610 125550
12	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Undefined Or Other Location: Field No. 847, Reeds Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02067 Permit Version: 1 Effective Date: 16th March 1972 Issued Date: 16th March 1972 Revocation Date: 17th June 1985 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	928	2	516330 125850
13	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: Undefined Or Other Location: Field No. 847, Reeds Lane, Southwater, Horsham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02067 Permit Version: 1 Effective Date: 16th March 1972 Issued Date: 16th March 1972 Revocation Date: 17th June 1985 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	929	2	516500 125700
14	Discharge Consents Operator: Mr John Forest Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Woodlands House, Shaws Lane, Southwater, Sussex, Rh13 9bx Authority: Environment Agency, Southern Region Catchment Area: Adur Reference: Npswqd006408 Permit Version: 1 Effective Date: 9th February 2009 Issued Date: 9th February 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of The Gill Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	971	2	515026 125912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Discharge Consents Operator: Mr John Forest Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Woodlands House Shaws Lane, Southwater, Sussex, Sussex, Rh13 9bx Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Npswqd000837 Permit Version: 1 Effective Date: 26th February 2008 Issued Date: 26th February 2008 Revocation Date: 9th February 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Ground Waters Via Soakaway Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	971	2	515026 125912
15	Discharge Consents Operator: Mr M J Day Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Birchwood Cottages, Shaws Lane, Southwater, Horsham Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P05560 Permit Version: 1 Effective Date: 31st October 1994 Issued Date: 31st October 1994 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	987	2	514800 125700
	Nearest Surface Water Feature	A13SE (SE)	0	-	515672 124962
16	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Location Description Not Available Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewage Surcharge; Water Company Sewage: Pumping Station Incident Date: 6th December 1994 Incident Reference: 1138 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	81	2	515700 125200
17	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Water Distribution System Location: Treslers, Shipley Road, SOUTHWATER Authority: Environment Agency, Southern Region Pollutant: Unknown Sewage Note: Bluey Silvery Smelling Liquid Oozing From Garden; Cess Pit Incident Date: 9th March 1995 Incident Reference: 1240 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	93	2	515500 124800
18	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Tributary Of River Adur Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Sewage In Garden; Water Company Sewage: Foul Sewer Incident Date: 8th December 1994 Incident Reference: 1150 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	110	2	515800 125200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Woodland Ditch, SOUTHWATER Authority: Environment Agency, Southern Region Pollutant: Sewage - Treated Effluent Note: Discharge Of Effluent To Ditch Incident Date: 26th March 1992 Incident Reference: 335 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Sewage - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	214	2	515790 125310
20	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Rising Main Location: Stakers Farm, SOUTHWATER Authority: Environment Agency, Southern Region Pollutant: Surcharged Sewage Note: Burst Rising Main Incident Date: 7th February 1998 Incident Reference: 2426 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (N)	934	2	516000 126000
21	Pollution Incidents to Controlled Waters Property Type: Private Sewage (Non-PLC): Foul Sewer Location: Cripplegate Lane, SOUTHWATER Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Strong Smell Of Sewage Close To Stream Incident Date: 29th May 1997 Incident Reference: 2198 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Plc Sewage Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	954	2	516300 125900
	River Quality Name: Blakes Gill GQA Grade: River Quality B Reach: Adur West Conf - Southwater Estimated Distance (km): 7.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	797	2	516577 125275
	Water Abstractions Operator: M Ford, Esq Licence Number: 332503 Permit Version: Not Supplied Location: Butlers Gill, Tributary Of The Adur, SOUTHWATER Authority: Environment Agency, Southern Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Tributary Blakes Gill Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1591	2	516700 126400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Unproductive Aquifer (may have productive aquifer beneath) Classification: Combined Unproductive Vulnerability: Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A13NW (S)	0	3	515643 125000
	Groundwater Vulnerability Map Combined Unproductive Aquifer (may have productive aquifer beneath) Classification: Combined Unproductive Vulnerability: Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	A13NW (W)	0	3	515643 125003
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (W)	0	3	515643 125003
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (S)	0	3	515643 125000
	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				
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (W)	0	4	515618 124996
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	0	4	515634 124987

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (SW)	0	4	515634 124987
25	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	A13SE (SE)	0	4	515672 124962
26	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	A13SE (SE)	0	4	515677 124958
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	0	4	515678 124957
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 349.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	37	4	515833 125107
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	91	4	515784 125185
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (N)	93	4	515724 125206
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (S)	95	4	515583 124768
32	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	A13SW (S)	95	4	515590 124766

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (S)	95	4	515593 124765
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	96	4	515739 125204
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13NE (NE)	98	4	515747 125202
36	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	A13SW (S)	106	4	515629 124751
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 240.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SW (S)	112	4	515638 124745
38	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	A13SE (SE)	176	4	515853 124882
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	177	4	515852 124880
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 197.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A13SE (SE)	194	4	515841 124850
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 249.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	217	4	515282 124873

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	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	A13SE (SE)	311	4	515863 124661
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 259.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (SE)	312	4	515862 124657
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	379	4	515119 124889
45	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 22.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	379	4	515118 124911
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	380	4	515118 124924
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	416	4	515095 124796
48	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	A12SE (W)	425	4	515087 124790
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	425	4	515087 124790
50	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	A12SE (W)	431	4	515081 124792

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	434	4	515078 124792
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	443	4	515092 124724
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (SW)	445	4	515092 124716
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	481	4	515859 124438
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	481	4	515859 124438
56	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	482	4	515858 124436
57	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	A8NE (S)	484	4	515863 124438
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	485	4	515865 124437
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	494	4	515023 124764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 377.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SE (W)	498	4	515021 124756
61	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	515	4	515097 124576
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NE (NW)	531	4	515094 125259
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8NE (S)	551	4	515800 124335
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18SE (N)	564	4	515863 125655
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 335.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	572	4	516372 125142
66	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	582	4	515823 125687
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	583	4	515837 124314
68	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NE (N)	602	4	515827 125706

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 95.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	602	4	515827 125706
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 2	A18NE (N)	606	4	515796 125718
71	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	A8SE (S)	612	4	515837 124283
72	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	A8SE (S)	618	4	515834 124277
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	625	4	515135 124391
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	640	4	515113 124389
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 417.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	642	4	515110 124388
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 337.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	645	4	514943 125234
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 490.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12NW (W)	646	4	514940 125229

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SW (NE)	649	4	516251 125555
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	654	4	515163 125614
80	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	A17SE (NW)	658	4	515151 125608
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 140.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	659	4	515085 125538
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17SE (NW)	663	4	515064 125513
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SW (S)	668	4	515645 124189
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 284.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	679	4	516477 125005
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	693	4	515685 124166
86	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 82.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	697	4	515849 125799

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 97.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	697	4	515849 125799
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	710	4	515773 125829
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 132.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NE (SW)	716	4	515020 124366
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	737	4	515159 125720
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	739	4	515159 125722
92	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	756	4	515152 125738
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 184.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	770	4	515150 125754
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	772	4	515738 124093
95	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	775	4	515720 125905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 138.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	776	4	514786 124591
97	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 136.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	782	4	515718 125912
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	788	4	516408 125591
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	788	4	516184 124306
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 301.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9NW (SE)	788	4	516231 124358
101	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	A9SW (SE)	790	4	516176 124294
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	798	4	515722 124065
103	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (SW)	802	4	514898 124367
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 274.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A18NE (N)	804	4	515797 125921

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	804	4	516414 125608
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	804	4	515715 124058
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	808	4	514690 124887
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	814	4	516422 125614
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	815	4	514683 124888
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 503.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A8SE (S)	822	4	515699 124038
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	826	4	516169 124238
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 371.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (SE)	833	4	516173 124232
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 395.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (E)	860	4	516613 125377

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	869	4	516640 125318
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	869	4	516640 125318
116	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	A11SE (W)	873	4	514635 124770
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 67.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	875	4	514634 124766
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	879	4	516669 125236
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 215.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	879	4	516670 125230
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A14NE (E)	880	4	516662 125278
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	884	4	516668 125270
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 189.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A12SW (W)	888	4	514641 124667

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	896	4	516672 125303
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7NW (W)	900	4	514649 124601
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	901	4	516670 125331
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	907	4	515152 125920
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	910	4	516481 125692
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	910	4	515153 125924
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	911	4	516485 125688
130	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 6.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	912	4	515160 125930
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	913	4	514605 124709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 40.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	916	4	515153 125931
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A6NE (SW)	919	4	514637 124577
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 99.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	921	4	516435 125755
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	921	4	516435 125755
136	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	A19SE (NE)	922	4	516532 125650
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	924	4	516533 125651
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	924	4	516535 125650
139	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	A11SE (W)	924	4	514590 124723
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	925	4	516690 125348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	925	4	514589 124726
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	928	4	516545 125643
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	929	4	516193 125929
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 208.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	931	4	516311 125867
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 838.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19SE (NE)	932	4	516554 125637
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 579.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11NE (W)	932	4	514596 125138
147	OS Water Network Lines Watercourse Form: Marsh Watercourse Length: 27.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	937	4	516740 125077
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 577.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	942	4	514885 124183
149	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	A20SW (E)	945	4	516709 125355

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	948	4	516711 125357
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	948	4	516394 125827
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A17NE (NW)	954	4	515131 125962
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	957	4	516261 125926
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A20SW (E)	957	4	516721 125355
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 382.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A7SW (SW)	960	4	514904 124146
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	961	4	515957 123956
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	962	4	516267 125928
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 338.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A15NW (E)	963	4	516766 125078

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
159	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	964	4	515957 123953
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	969	4	516264 125937
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A4NW (S)	970	4	516030 123976
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	973	4	516265 125941
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	973	4	516265 125941
164	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	A9SW (S)	975	4	516061 123986
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A9SW (S)	975	4	516062 123987
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NW (NE)	982	4	516230 125970
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 183.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	987	4	514510 124979

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 115.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A19NE (NE)	988	4	516423 125855
169	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 157.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A24SW (NE)	989	4	516130 126019
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A6NE (SW)	990	4	514591 124504
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A6NE (SW)	990	4	514591 124504
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	991	4	514510 124979
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 114.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A3NE (S)	995	4	515964 123922
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A11SE (W)	996	4	514504 124835
175	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 102.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A24SW (NE)	998	4	516177 126011
176	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 5.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Adur and Teville Primacy: 1	A24SW (NE)	998	4	516177 126011

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	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	A19NW (NE)	1000	4	516223 125993
178	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	A6NE (SW)	1000	4	514590 124481

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Horsham District Council - Has supplied landfill data		0	5	515643 125003
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	515643 125003

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Wealden Group	A13NW (W)	0	1	515643 125003
179	BGS Recorded Mineral Sites Site Name: Southwater Brickworks Location: Southwater, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 4617 Type: Opencast Status: Ceased Operator: Redland Bricks Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NE (N)	700	1	515795 125815
180	BGS Recorded Mineral Sites Site Name: Southwater Brick & Tile Works Location: Southwater, Horsham, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126758 Type: Opencast Status: Ceased Operator: Redland Bricks Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A23SE (N)	887	1	515724 126017
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 125000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	136	1	515437 124778
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 124998
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	515643 125003
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	515643 124998

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	Contemporary Trade Directory Entries Name: Your Ironing & Cleaning 4 You Location: The Fieldings, Southwater, Horsham, West Sussex, RH13 9LY Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	304	-	516036 125281
182	Contemporary Trade Directory Entries Name: Auto Mobile-Paints Location: 14, Foxes Close, Southwater, Horsham, West Sussex, RH13 9GD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	308	-	515726 125429
183	Contemporary Trade Directory Entries Name: Euomec Ltd Location: Fordell, Shipley Road, Southwater, Horsham, West Sussex, RH13 7BG Classification: Floor Cleaning & Polishing Equipment - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	337	-	515644 125473
184	Contemporary Trade Directory Entries Name: Moleroda Finishing Systems Ltd Location: 11, Andrews Road, Southwater, Horsham, West Sussex, RH13 7EU Classification: Abrasive Products - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	341	-	515833 125431
185	Contemporary Trade Directory Entries Name: Chem-Dry Breeze Location: Wealdon Close, Southwater, Horsham, West Sussex, RH13 9HP Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	445	-	515981 125493
185	Contemporary Trade Directory Entries Name: Alliance Communications Solutions Ltd Location: 27, Wealdon Close, Southwater, Horsham, West Sussex, RH13 9HP Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	457	-	515994 125501
186	Contemporary Trade Directory Entries Name: Carpetcare South East Location: 36, Beechwood, Southwater, Horsham, West Sussex, RH13 9JU Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	517	-	515622 125654
187	Contemporary Trade Directory Entries Name: Smith Carpet Cleaners Location: 161, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DS Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	717	-	515385 125818
188	Contemporary Trade Directory Entries Name: The Tyre Booth Location: 119, College Road, Southwater, Horsham, West Sussex, RH13 9TJ Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	802	-	515467 125927
188	Contemporary Trade Directory Entries Name: Jac Air Conditioning Location: 67, College Road, Southwater, Horsham, West Sussex, RH13 9TQ Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	851	-	515465 125976
188	Contemporary Trade Directory Entries Name: Jac Air Conditioning Location: 67, College Road, Southwater, Horsham, West Sussex, RH13 9TQ Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A18NW (N)	851	-	515465 125976
189	Contemporary Trade Directory Entries Name: Aqs Manufacturing Ltd Location: Sunny View, Worthing Road, Southwater, Horsham, West Sussex, RH13 9HG Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	827	-	515547 125962

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Contemporary Trade Directory Entries Name: Grange Domestic Services Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 7DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
190	Contemporary Trade Directory Entries Name: Grange Domestic Services Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
190	Contemporary Trade Directory Entries Name: Grange Domestic Services Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
190	Contemporary Trade Directory Entries Name: Grange Domestic Services Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Active Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
190	Contemporary Trade Directory Entries Name: Grange Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
190	Contemporary Trade Directory Entries Name: Grange Domestic Services Location: 114, Woodlands Way, Southwater, Horsham, West Sussex, RH13 9DR Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address	A17NE (N)	859	-	515309 125942
191	Contemporary Trade Directory Entries Name: A & H Auto Repairs Location: 66, Ash Road, Southwater, Horsham, West Sussex, RH13 9DD Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	883	-	515358 125984
192	Contemporary Trade Directory Entries Name: Sony D A D C Europe Ltd Location: Southwater Business Park, Worthing Road, Southwater, Horsham, RH13 9YT Classification: Record, Tape & CD Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	913	-	515953 125993
193	Contemporary Trade Directory Entries Name: Bw Marine Location: 1, Birchwood Cottages, Shaws Lane, Southwater, Horsham, West Sussex, RH13 9BX Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A17SW (NW)	925	-	514845 125656
194	Contemporary Trade Directory Entries Name: Plysolene Ltd Location: Southwater Business Park, Worthing Rd, Southwater, Horsham, West Sussex, RH13 7HE Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SE (N)	965	-	515854 126074
194	Contemporary Trade Directory Entries Name: Z-Guard Zinc Anodes Ltd Location: Southwater Business Park, Worthing Rd, Southwater, Horsham, West Sussex, RH13 7HE Classification: Marine Equipment & Supplies Status: Inactive Positional Accuracy: Manually positioned to the address or location	A23SE (N)	972	-	515848 126082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
195	Contemporary Trade Directory Entries Name: G P Oven Cleaners Location: 44, Ash Road, Southwater, Horsham, West Sussex, RH13 9EJ Classification: Oven cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SW (N)	974	-	515318 126066

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	Ancient Woodland Name: Pollards Hill Wood The Harrow Upper Gill Reference: 1478063 Area(m²): 36727.45 Type: Ancient and Semi-Natural Woodland	A13NE (NE)	0	7	515791 125088
197	Ancient Woodland Name: Not Supplied Reference: 1478992 Area(m²): 571433.74 Type: Plantation on Ancient Woodland	A18SW (N)	223	7	515579 125358
198	Ancient Woodland Name: Not Supplied Reference: 1478479 Area(m²): 622.82 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	445	7	515092 124716
199	Ancient Woodland Name: Not Supplied Reference: 1478481 Area(m²): 2557.02 Type: Plantation on Ancient Woodland	A12SE (SW)	454	7	515094 124693
200	Ancient Woodland Name: Not Supplied Reference: 1478477 Area(m²): 2544.68 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	471	7	515097 124652
201	Ancient Woodland Name: Not Supplied Reference: 1478480 Area(m²): 777.75 Type: Ancient and Semi-Natural Woodland	A12SE (W)	498	7	515021 124756
202	Ancient Woodland Name: Not Supplied Reference: 1478482 Area(m²): 3781.78 Type: Plantation on Ancient Woodland	A12SE (SW)	534	7	514999 124707
203	Ancient Woodland Name: Not Supplied Reference: 1478478 Area(m²): 13461.51 Type: Ancient and Semi-Natural Woodland	A12SE (SW)	560	7	514986 124674
204	Ancient Woodland Name: Nuthorn Wood Upper Lag Reference: 1478061 Area(m²): 34138.95 Type: Ancient and Semi-Natural Woodland	A14NE (NE)	578	7	516337 125307
205	Ancient Woodland Name: Well Field Reference: 1478065 Area(m²): 5049.98 Type: Ancient and Semi-Natural Woodland	A17NE (NW)	739	7	515220 125764
206	Ancient Woodland Name: Nuthorn Wood Upper Lag Reference: 1478062 Area(m²): 6180.78 Type: Plantation on Ancient Woodland	A14NE (E)	749	7	516533 125255
207	Ancient Woodland Name: Not Supplied Reference: 1478058 Area(m²): 3354.32 Type: Ancient and Semi-Natural Woodland	A18NE (N)	785	7	515874 125883
208	Ancient Woodland Name: Alder Coppice Reference: 1478530 Area(m²): 22676.72 Type: Ancient and Semi-Natural Woodland	A14NE (E)	793	7	516559 125325
209	Ancient Woodland Name: East Mead West Mead Great Limekiln Field Reference: 1478059 Area(m²): 9445.22 Type: Ancient and Semi-Natural Woodland	A19NE (NE)	897	7	516426 125732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	Ancient Woodland Name: Stakers Wood Reference: 1478060 Area(m²): 2918.79 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	900	7	516621 125462
211	Ancient Woodland Name: Not Supplied Reference: 1478068 Area(m²): 24859.02 Type: Ancient and Semi-Natural Woodland	A11NE (W)	914	7	514612 125127
212	Ancient Woodland Name: Not Supplied Reference: 1478563 Area(m²): 27837.71 Type: Ancient and Semi-Natural Woodland	A19SE (NE)	917	7	516551 125615
213	Ancient Woodland Name: Not Supplied Reference: 1478057 Area(m²): 4958.14 Type: Ancient and Semi-Natural Woodland	A19NW (NE)	920	7	516056 125970
214	Ancient Woodland Name: Hartsgravel Wood Reference: 1478820 Area(m²): 49921.99 Type: Ancient and Semi-Natural Woodland	A3NW (S)	972	7	515410 123908

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Horsham District Council - Environmental Health Department Environment Agency - Head Office	February 2015 June 2020	Annual Rolling Update Annually
Discharge Consents Environment Agency - Southern Region	July 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	July 2020 July 2020	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Horsham District Council - Environmental Health Department	June 2015	Variable
Local Authority Pollution Prevention and Controls Horsham District Council - Environmental Health Department	June 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Horsham District Council - Environmental Health Department	June 2015	Variable
Nearest Surface Water Feature Ordnance Survey	August 2020	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	
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 Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	July 2020	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	June 2020	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
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	October 2019	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 Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Horsham District Council - Environmental Health Department West Sussex County Council - Environment & Development	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Horsham District Council - Environmental Health Department West Sussex County Council - Environment & Development	May 2000 May 2000	Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	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 West Sussex County Council - Environment & Development	August 2015 October 2006	Variable Annual Rolling Update
Planning Hazardous Substance Consents Horsham District Council - Planning Department West Sussex County Council - Environment & Development	August 2015 October 2006	Variable Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
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	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually

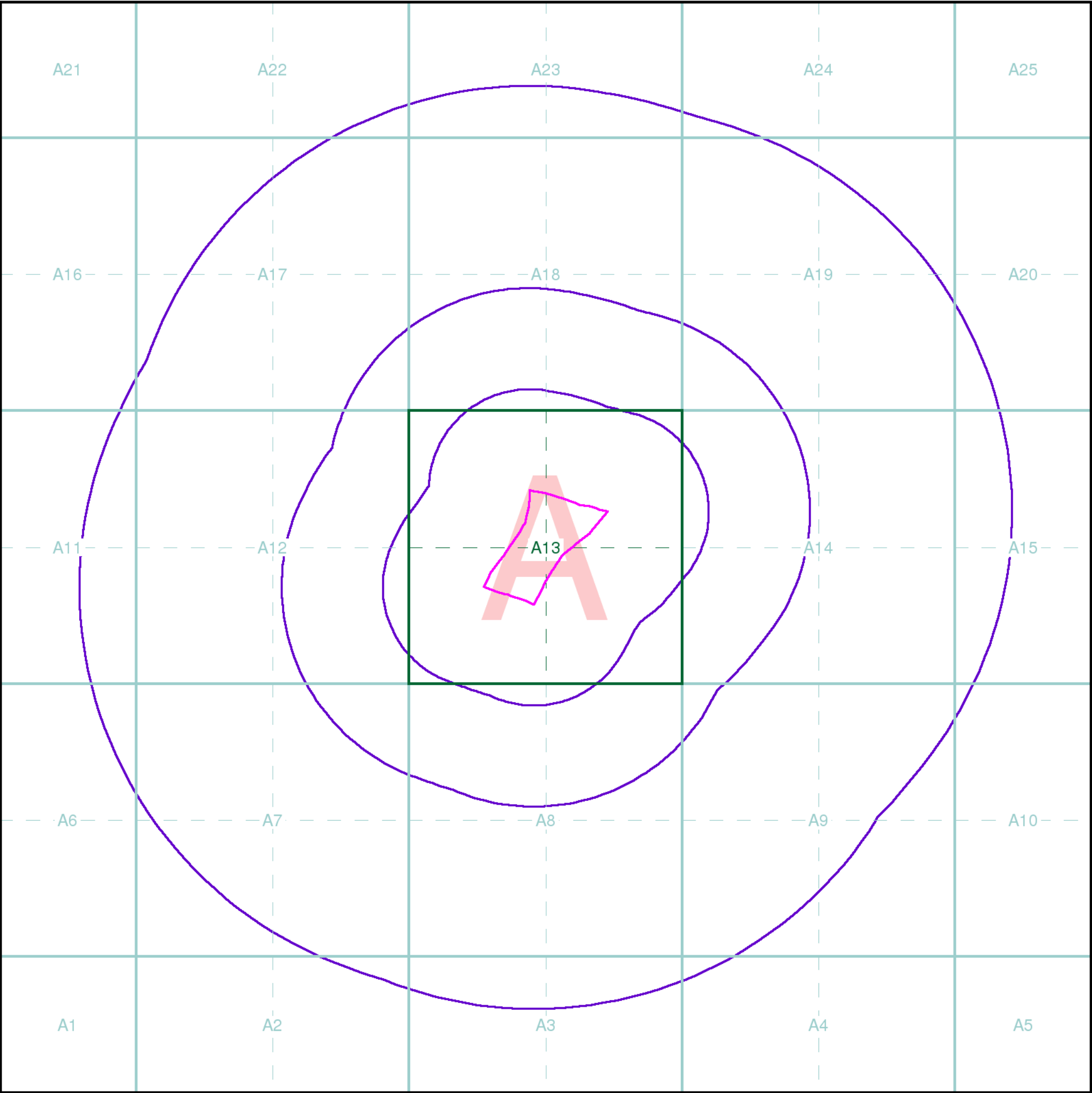
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	July 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	September 2020	Quarterly
Gas Pipelines National Grid	September 2020	
Underground Electrical Cables National Grid	August 2020	
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Horsham District Council - Planning Department	June 2020	As notified
Areas of Unadopted Green Belt Horsham District Council - Planning Department	June 2020	As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	September 2020	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Horsham District Council - Environmental Health Department Park House, North Street, Horsham, Sussex, RH12 1RL	Telephone: 01403 215100 Fax: 01403 732790 Website: www.horsham.gov.uk
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

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

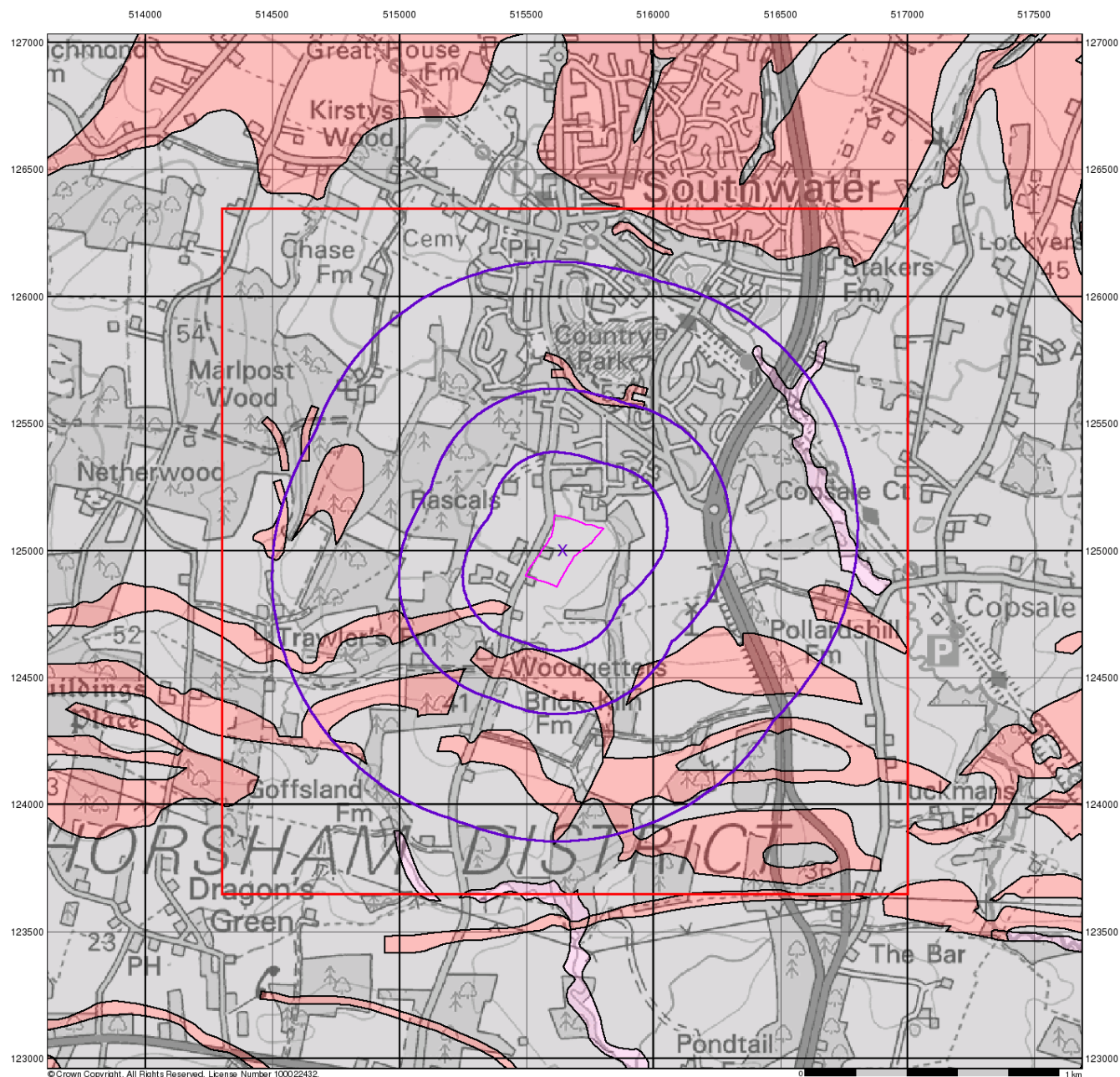
Order Details

Order Number: 259838226_1_1
Customer Ref: LP2354 Woodford, Shipley Rd RH13 9BQ
National Grid Reference: 515640, 125000
Site Area (Ha): 3.85
Search Buffer (m): 1000

Site Details

Woodfords, Shipley Road, Southwater, HORSHAM, RH13 9BQ

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



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Envirocheck®

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

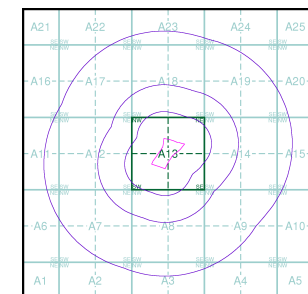
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 259838226_1_1
 Customer Ref: LP2354 Woodford, Shipley Rd RH13 9BQ
 National Grid Reference: 515640, 125000
 Slice: A
 Site Area (Ha): 3.85
 Search Buffer (m): 1000

Site Details

Woodfords, Shipley Road, Southwater, HORSHAM, RH13 9BQ

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